



LED & ARCHITECTURAL L I G H T I N G

45^{years}
2023



EXTERIOR
INTERIOR
LINEAR
PROJECTORS
INGROUND
SURFACE
RECESSED
TRIMLESS
WALL
PENDANT
TRACK
PROFILES
FIXED
DECORATIVE
DRIVER
CONTROLLERS



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ELECTRON SA

ELECTRON was established in 1978 and since then has been a leading manufacturing and distributing company in the lighting field. The company has been active in the international field for more than 18 years and today exports its products in more than 60 countries worldwide, sealing its dynamic presence by participating in international lighting exhibitions around the world. It is located in Athens, Greece.



The company originally started in the theatrical field with the design, development and production of lighting management systems. Due to this experience, the company has deep knowledge and know-how of the electronics of the luminaires and the lighting management systems. Electron also designs and produces Casambi partner products (switches and drivers), used with the Casambi App available for both iOS and Android.



ELECTRON SA is certified with ISO 9001:2015 for the design, development, production and marketing of professional lighting systems.

45 years
1978 - 2023



OUTDOOR LIGHTING

The Outdoor collection consists of a complete series of outdoor luminaires custom made with well-known and well established families of products. Linear outdoor luminaires include the design and production of wall washers and resin potted luminaires all custom made according to the needs of each project. All are offered with input cable and IP68 connector as standard, but with a possibility also for in-out cable and IP68 connector supplied as extra. Protagon is the highest in performance washer and Elegant series consists of four different models: Elegant MAX II, Elegant Max, Elegant Midi and Elegant Mini. Resin potted linear luminaires have a variety of linear profiles including Outliner series (surface, recessed, installation with brackets) available in different widths IP67 (Recessed IP66) all custom made in terms of CCT, Wattage and length, offered at different dimensions custom made according to the illuminated areas. All resin potted luminaires offer excellent uniformity with colour consistency. Outdoor collection includes also a variety of Projectors such as Box, Conny and Tando series offered at different wattage, CCT, beam angles and with a variety of accessories (snoot, honeycomb, tree bell, pole base and spike).

ELECTRON launches its newest Terano 25 series. Terano 25 is an inground linear resin potted luminaire available either with opal or with clear finish with a length of up to 2m. It offers excellent uniformity with colour consistency. It is IP68 and IK10, available either with aluminium or with stainless steel luminaire body and mounting box. Outdoor collection also includes other inground linear, round and square luminaires such as Gretto the newest available series recessed and trimless, as well as surface mounted, recessed, wall, trimless luminaires, bollard and decorative rechargeable luminaires.

Outdoor collection also includes ceiling recessed or trimless downlights that are offered in these categories respectively, as well as waterproof led strips and Milky flexible LED offered with a protection rate of either IP65, IP66, IP67 or IP68.



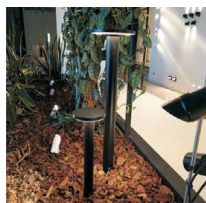
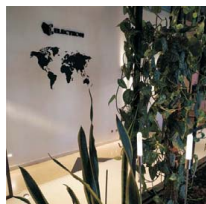
WEATHER RESISTANT

Marine Type features:

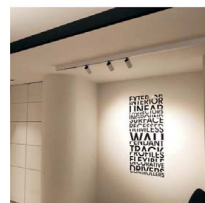
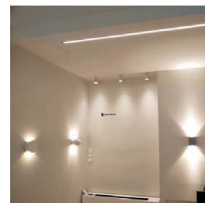
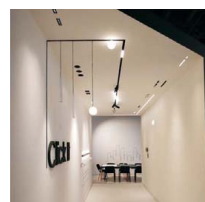
- Powder Coating:** Ultra-durable powder coating that meets the requirements of GSB Master, Qualcoast Class 2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1994) and AAMA 2604.
- Exterior Durability:** Meets qualification class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
- High Resistance to:** Weather, UV, Water and mould growth

RESIN material: Tri-component polyurethane, transparent or translucent for homogeneous light dispersion.

- Fully compliance with:** REACH, RoHS and EU European Directives, EC - Directives 89/109 Contact with Food.
- Resistance to:** Outdoor - Chemicals - Short term water immersion - Hot water, Thermal Shock - Heat - Abrasion
- In accordance to:** Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1144, CIRCUMETER test ASTM D6279



Athens Showroom



Athens Showroom

INDOOR LIGHTING

In terms of indoor luminaires, the range consists of a variety of custom made linear indoor luminaires: fixed, surface, adjustable with brackets, recessed, trimless, wall and pendant. All luminaires are custom made mainly with Nichia strips or Cree modules in the dimensions or shapes that fit in each space. Moreover, Electron offers interior spotlights with different shape and wattage consisting mainly of Calisto, Rienna and Feria series with CREE or Bridgelux LEDs.

Electron also offers Click It interior system available in trimless surface or pendant application. There is an almost endless possibility to blend into the architecture of any space due to the variety of accessories that are available. Versatile and adjustable to changes as there is a flexibility and easiness in the repositioning of the luminaires by a click. Can be either placed on ceiling or wall. The luminaires consist of spots, zoom spot, frame, goba, linear spots, washers, diffused linear flat or tubes and decorative pendant cylindrical and frosted sphere luminaires. The system is offered 42V PWM Dimmable or 48V DALI Dimmable. Most luminaires are offered either with CREE or Bridgelux LED. Click It is also available in fixed circles either surface or pendant with spots.

Electron Downlights include a great variety of recessed and trimless luminaires available either for indoor or outdoor use. The downlights are offered in different cutouts, depths and wattage, with a selection of the dimming option. Most are offered either with CREE or with Bridgelux LED and with 190/B10 50000h for monochromatic and 3step MacAdam. Some families of downlights offer a selection of accessories: honeycomb, softening lens spread lens and extra IP protection. All downlights are custom made in terms of characteristics CCT, CRI, Watt, beam angle, colour, dimming option and accessories. Electron also offers surface, pendant and wall luminaires most with the above mentioned characteristics.

Electron also presents the new custom made series of Disc, Eclipse, Loop, and Orbit luminaires. These are offered for recessed, trimless, surface, surface deco, pendant direct and pendant direct/indirect installation. Disc and Loop are offered in six different dimensions whereas Eclipse and Orbit are offered in four different dimensions. Upon request custom dimensions may be also available. All luminaires are offered in two models: High Power and High Efficiency with options for low Glare (UGR <21) and low UGR (UGR <19) respectively.

Electron collection also includes a great variety of aluminium profiles that offer limitless solutions together with a great collection of the finest LED strips. Prime Series and Supreme series consist of the highest quality of LED strips using Nichia and Samsung LEDs respectively. Electron also offers a variety of Milky flexible LEDs offered with protection rate of IP65/ IP66/ IP67/ IP68. Milky flexible LEDs have vertical or horizontal or twist (both vertical and horizontal) bending possibility. Electron also offers fiber optics and a selection of LED Lamps that include Soraa and Syviva.

Finally, Electron offers a great selection of Constant Voltage and Constant Current drivers. Electron, also designs, develops and manufactures Premium Series of wall-mounted multifunctional Controllers, available in different versions to meet individual requirements and specifications: Leading Edge Dimmers, Trailing Edge Dimmers, Relay Switches, HF Fluorescent Controllers, Sine Wave Dimmers, LED Drivers, Dali Drivers. Moreover, ELECTRON designs, develops and manufactures ARLC architectural lighting system, MICON architectural dimmers, LED power supplies, LED dimmers, LED converters, LED boosters, LED controllers, Splitters, Relay packs and other lighting equipment.

ELECTRON due to the 45 years of experience in the development and production of luminaires. Lighting Management & Control Systems, has the ability, to offer unique solutions in terms of the lighting and the control. Each project is carefully designed and managed in order to be perfectly functional, and easy to use for the end users, allowing the possibility to control each light source as desired. ELECTRON offers a variety of dimming options (DMX/ DALI/ 1-10V/ 0-10V/ Wireless), Bluetooth Control, and Emergency operation.



Request our catalogues:
Lighting Management & Control Systems, made in Greece
Entertainment Lighting & Audio Systems

The ELECTRON team

Electron team consists of qualified and well trained staff with common view the delivery of products of highest quality.

R&D Department

The R&D department consists of experienced and qualified engineers who ensure the design and development of innovative products, excellent in design, technology, and ergonomics. Custom solutions and designs are also possible for evaluation and /or production.

Sales Department

The sales team has engineers with deep knowledge of the lighting industry who are eager to provide the best possible solutions in terms of functionality and aesthetics.

Production Department

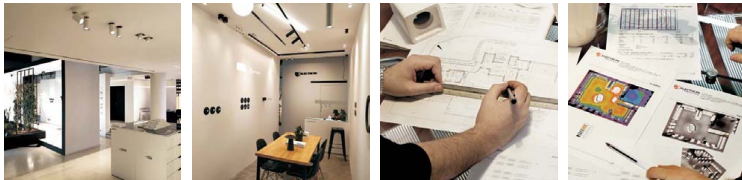
The production department has qualified staff who together with the high quality raw materials, and quality control ensure the delivery of excellent in performance products.

After Sales Department

The after sales team is available to our partners for technical support, information, and back up service.

Photometry

Electron luminaires are offered with their photometric data. Electron has in house photometry lab that ensures photometric data of the collection and at the same time quick reliable measurements for mock up and custom products. Electron also collaborates with the Lighting Laboratory of the National Technical University of Athens (NTUA). The Lighting Laboratory of NTUA has been established in 1955 with experienced and qualified specialists.



R&D



The Production



The Warehouse



Panathenaic Stadium Athens, Greece Won Best Project in 2022 Casambi Awards

Lighting Design by George Tellos <https://artic-design.com/>
 Special thanks to the Hellenic Olympic Committee <https://hoc.gr/en>
 Photographer: Dionisis Koutsis



CASAMBI

The Stadium

The Panathenaic Stadium is a classical cultural and touristic monument of Greece and one of the most significant monuments not only for Athens, but for the whole of Greece.

It is one of city's most popular touristic attractions and one of Athens' landmarks.

Its rich history is directly connected to the Modern Olympic Games as from their revival in 1896 until the Athens Olympic Games in 2004. It is also the place from where the Olympic flame sets up its journey to the cities of the Olympic Games, both Winter, Summer and Youth.



1896 Olympics
 (Panathenaic Stadium - Athens, Greece)



Goals/ Restrictions

- Sustainability
- Light Pollution Reduction.
- CCT Adjustability
- CRI > 90
- Homogeneity and Uniformity.
- Fixtures should be placed in the pre-existent 60 available points ensuring zero interference in the historical stadium.
- Wireless individual control of each lighting point. MACs in the cabling infrastructure were not allowed.

Solution

Electron

- Illumination of the stadium itself consists of 453 custom made Elegant MAX luminaires.
- 360 fixtures used for the stands, placed in the pre-existent 60 (array of 6 luminaires in each point).
- 93 fixtures used as used as safety units for illuminating the 2 level horizontal corridors.
- Different lenses within each fixture to ensure vertical and horizontal homogeneity.
- Separate aiming and stabilizing of each luminaire.
- Custom DALI D18 power supplies.
- Individual control for each array of 6 luminaires.



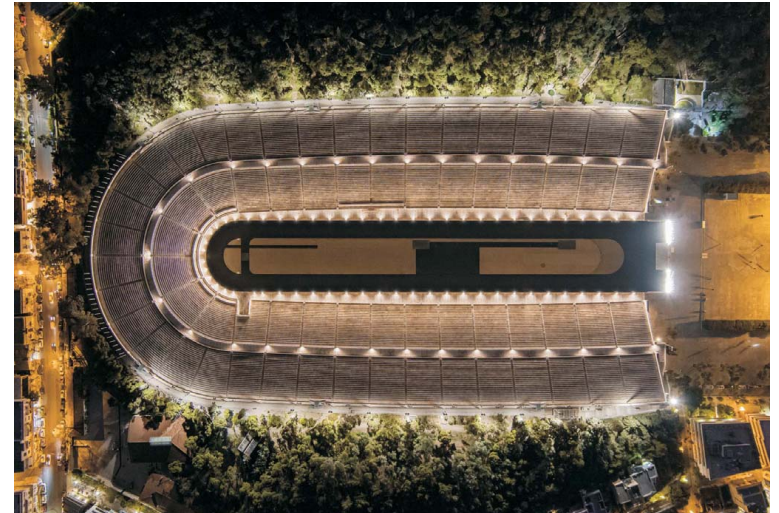
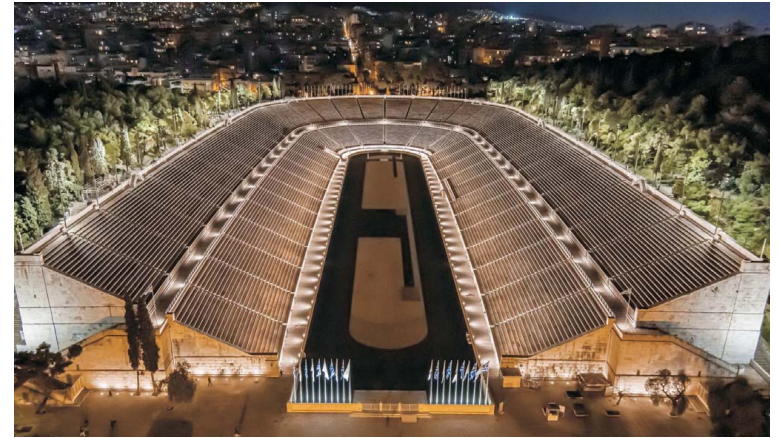
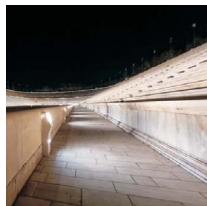
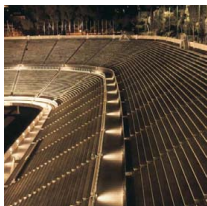
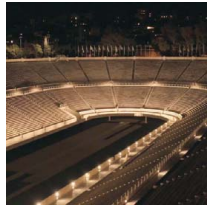
Casambi

- Wireless mesh networking.
- DALI D18 TW control from dusk to dawn.
- Time based scene for both CCT and power control.
- Remote access through gateway.
- Control hierarchy.



Results

- The new lighting system significantly enhanced the sustainability claims. Luminosity level drops to 80% after a specific time ensuring sustainability.
- Energy requirements have been reduced by 50% and light pollution by more than 70%.
- Neutral White turns into Warm White as the darkness deepens.
- Both CCTs, in combination with CRI>90, reveal the uniqueness of the Pentelic marble.
- Excellent uniformity levels: elimination of both hot spots & dark spots.
- Preserving the heritage of the historical monument with zero interference.









CONTENTS






Contents

Exterior Linear

PROTAGON  PROTAGON 34				
ELEGANT 				
ELEGANT MAX II 40	ELEGANT MAX 44	ELEGANT MIDI & MIDI ECO 50	ELEGANT MINI & MINI ECO 54	ELEGANT HV 58
OUTLINER 			ELECSIA MIDI U 	
OUTLINER 50 IP67 Standard & Seamless 62	OUTLINER 40 IP67 Standard & Seamless 64	OUTLINER 40 RC IP66 Standard & Seamless 70	ELECSIA IP67 92	MIDI U IP67 94
OUTLINER 30 IP67 Standard & Seamless 74	OUTLINER 20 IP67 Standard & Seamless 80	OUTLINER 20 RC IP66 Standard & Seamless 86		
LUMITUBE 95 		CORNER 		
		CORNER II IP67 98	CORNER 45 IP67 100	

Exterior Projectors

BOX 				
BOX 21 102	BOX 12N 104	BOX 10 106	BOX 5 108	BOX 3N 110
CONNY 				
CONNY 20 114	CONNY 15N 116	CONNY 9 118	CONNY 9N 120	CONNY 6 122
	CONNY 4 124			
OLLY 		GONZO 		
OLLY 46 128	OLLY 27 129	GONZO 46 130	GONZO 25 131	GONZO 70 RGBW 132
		GONZO 36 RGBW 133		
TONDO DENDO 		STORM WASH 61 ZOOM 139 		
TONDO 134	TONDO MINI 135	TONDO RETROFIT 136	DENDO 137	

Contents

Exterior Inground, Surface, Wall, Bollard

TERANO 25 IP68 144 	NORMA II 148 	GRAVITO XL 150 	DKOS 151 
GRETTO 			
GRETTO 152	GRETTO TR 153	GRETTO WASH 154	GRETTO TR WASH 155
	GRETTO DF 156	GRETTO TR DF 157	
DAVIDA 159 	BETTINA 160 	HYDRA 161 	ZERO 162 
	ZERO-S 163	ZERO-SF 164	MINIFLO 165 
BOX SF 		DORIS C13 172 	ADORNO SF IP44 RETROFIT 173 
BOX 24SF 166	BOX 9SF 168	BOX 5SF 170	POROS 
		POROS 174	POROS MINI 175
CANOVA 176 	ORIGIN 		
	ORIGIN RC 177	ORIGIN RC RT 178	ORIGIN SF 180
	ORIGIN SFRD 179		
CANOVA 4SF 181 	BRICK II 182 	EDGE 184 	LEROS 186 
	PARELO 188 		
DORIS W13 190 	ARYN 192 	ROLLER 193 	MINI MIDI DECO 194 
UPOLE 195 	MAROON 196 	TRETTO 198 	STOCKY 200 
MASHROOM 202 	MARLO 204 	PHAROS 206 	PLUMB 208 

Contents

Interior Linear

LINILINE							
OUTLINER							
TETRA							
TETRA PLUS		PALMA					
LINILLIX 300		LUMINET 306		LIGUA			
JOY 310		U TYPE 312		ELECSIA 314		OMEGA 316	
SKYTUBE 318		ARC				STAIRUDE 326	
CORNER II 326		ARTUBE 328		ARTBAR 329		ELECSYS QUATRO 330	

Contents

Interior Systems

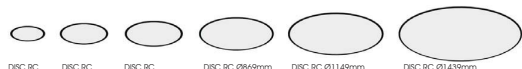
CLICK IT SURFACE/TRIMLESS TRACK & ACCESSORIES				CLICK IT SPOT			
CLICK IT ZOOM SPOT FRAME SPOT GOBO SPOT				CLICK IT LINEAR SPOT			
CLICK IT AMBIENT					CLICK IT TUBE		
CLICK IT PENDANT					CLICK IT ROUND		
CLICK IT ROUND CURVED SPOT			NANO SURFACE TRACK & ACCESSORIES				
Lighting Tracks							
CALLISTO				RIENA			
FERIA					ADORNO TRACK RETROFIT 398		
RIO L 399		MANDI SYSTEM 400					

Contents

Ceiling Recessed

DISC RC

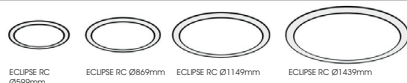
404



DISC RC Ø289mm DISC RC Ø419mm DISC RC Ø599mm DISC RC Ø869mm DISC RC Ø1149mm DISC RC Ø1439mm

ECLIPSE RC

405



ECLIPSE RC Ø599mm ECLIPSE RC Ø869mm ECLIPSE RC Ø1149mm ECLIPSE RC Ø1439mm

LOOP RC

412



LOOP RC 319x319mm LOOP RC 460x460mm LOOP RC 609x609mm LOOP RC 879x879mm LOOP RC 1149x1149mm LOOP RC 1419x1419mm

ORBIT RC

415



ORBIT RC 609x609mm ORBIT RC 879x879mm ORBIT RC 1149x1149mm ORBIT RC 1419x1419mm

REFORM



REFORM 30 RC 420 REFORM 30 InOut RC 422 REFORM 30 RC Spot 424 REFORM 52 RC 426 REFORM 52 InOut RC 428 REFORM 52 RC Spot 430 REFORM 75 RC Spot 431

ADORNO RC Retrofit

432



SOUL

434



SOUL SOUL DEEP SOUL ADJ SOUL ADJ DEEP SOUL IP65 SOUL IP56 DEEP SOUL MINI SOUL MINI DEEP SOUL MINI ADJ SOUL MINI ADJ DEEP SOUL MINI IP65 SOUL MINI IP56 DEEP

HIDE RC

442



HIDE RC HIDE RC DEEP HIDE RC DOUBLE HIDE RC DEEP DOUBLE HIDE MINI RC HIDE MINI RC DEEP

SANTI

450



SANTI SANTI ADJ SANTI WASH SANTI MINI

WHISPER RC

458



WHISPER RC WHISPER ADJ

CRUSH RC

462



CRUSH RC CRUSH RC DOUBLE

POT

466



Contents

POLAR RC

470



MANI

472



NORDIA

473



NORDIA WASH 474

NORDIA DF 475

LIMA



LIMA 4 RC 476

LIMA 10 RC

LIMA 21 RC

LIMA 4 RC Single ADJ 478

LIMA 21 RC Single ADJ

LIMA 21 RC Double ADJ

LIMA 42 RC Double ADJ

LIMA WASH 10 RC 480

LIMA WASH 21 RC

LIMA 4 DF 4 RC 482

LIMA DF 10 RC

LIMA DF 21 RC

LIMA 4 IP44 RC 484

LIMA 10 IP44 RC

LIMA 4 IP65 RC 486

LIMA 10 IP65 RC

LIMA 21 IP65 RC

LANE

488



LANE 2 RC

LANE 4 RC

LANE 10 RC

LANE 21 RC

LANE 31 RC

LANE 21 ADJ RC 490

FOCUS RC

492



FOCUS RC

FOCUS RC ADJ

ERIS

494



ERIS L ADJ

ERIS L

ERIS M ADJ

ERIS M

MERLYN



MERLYN XL 497

MERLYN 498

MERLYN IP44 500

CASTALIA



CASTALIA R 502

CASTALIA S 504

CASTALIA E 506

CASTALIA H 508

CASTALIA A 510

CASTALIA W 512

BORRELY

514



BORRELY

BORRELY DOUBLE

VESTA

516



ELISE

517



JUPITER

518



AVRA

520



TORN BAROLO



TORN/ TORN MINI 522

BAROLO 523

CUBIC EYE FRAME



CUBIC/ EYE/ EYE SQUARE 524

FRAME/ FRAME SQUARE 525

STARLIGHT DECO



STARLIGHT SERIES 526

DECO-S/ DECO-M 527

PETITE EVO I



PETITE SERIES 528

EVO I 529

ZETA



ZETA 530

ZETA MINI 531

KRONOS ALTRA



KRONOS 532

ALTRA 533

TALLS



TALLS RC 534

TALLS RC ADJ 536

RODITA SORENA



RODITA 538

SORENA 539

RONELLO PELO



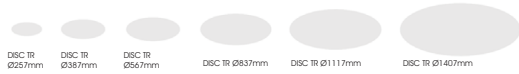
RONELLO 540

PELO 541

Contents

Ceiling Trimless

DISC TR 544



ECLIPSE TR 548



LOOP TR 552



ORBIT TR 556



REFORM TR



HIDE TR 568



WHISPER TR 576



CRUSH TR 580



LIMIT 584



POLAR TR 588



FOCUS TR 590



LIMA



LUPO



HELIO PANDORA HEKTOR GALINO



AMOS PLASTER



PLASTER



Contents

Ceiling Surface

DISC SF 618



DISC SF DECO 622



ECLIPSE SF 626



ECLIPSE SF DECO 630



LOOP SF 634



LOOP SF DECO 638



ORBIT SF 642



ORBIT SF DECO 646



REFORM



LACERTA 654



ADORNO

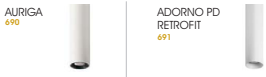


MORETTO TALUS LYRA PLASTER

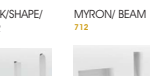


Contents

Interior Pendant

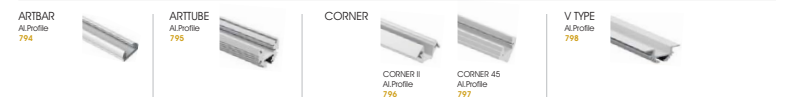


Interior Wall Surface, Recessed



Contents

Aluminium Profiles



LED Flexible LEDs

PRIME SERIES

--	--	--	--

SUPREME SERIES

WIRELESS DMX512

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STANDARD SERIES

5mm WIDTH BENDABLE VARIABLE ANGLE			
SIDE EMITTING			
CONNECTORS ACCESSORIES			

MILKY SERIES

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Fiber Optics

LIGHT ENGINES

FIBER OPTICS

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END PIECES

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Lamps and More

REFIT MODULES

			LED LAMPS SORAA			
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LED LAMPS SYLVANIA

				HOMOGENEOUS SVDCC 920	
--	--	--	--	------------------------------	--

LED MODULES

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Lighting Management, Power Supplies & Controllers

ARLIC 924	Control Panels 926	Accessories 927	DMR Trailing Edge Dimmers DMR.730 928	DMR.731 930	DIN RAIL Trailing Edge Dimmers 931	Analogue to DMX Merger Converter 932
DMX to 1-10V & DMX to 0-10V 932	4ch DALI/DMX to DMX Interface 932	1ch DMX to DALI Interface 932	PIR Motion Detector 933	BLUETOOTH Bluetooth Xpress Wireless 934	Bluetooth 4ch PWM 935	Bluetooth 4ch PWM 935
Bluetooth Trailing Edge 938	Bluetooth to 0-10V, 1-10V or DALI 939	Bluetooth to DALI 940	Bluetooth 1ch Relay Switch (ICR) 941	Bluetooth 2ch Relay Switch 942	Bluetooth DALI interface 943	Bluetooth Sensor 943
6ch DMX IR Remote Control 944	4ch RGBW Touch DMX & PWM 12/24V Output 944	3ch DMX Output CHAMELEON Const.Volt. 944	Inrush Current Limiter 300ms 230VAC 945	Inrush Current Limiter 180-264VAC / 16A 945		
EMERGENCY Light KIT Emerg KIT for Const. Current LED 946	Emerg KIT for 12V LED Lamps GU5.3 947	Emerg KIT for 230V LED Lamps GU10 948	Dimmable Electronic Transformer 949	Cables & Connectors 950	IP65 & IP68 Connectors 952	Extension Cables & Splitters 954
LED Cables RGB & RGBW 955	PREMIUM Series Trailing 956	ACTOR BASE Trailing 957	DMX Merger Splitter 958	DMX Repeater 958	DMXS12 RDM WiFi LED Contr. 958	

Constant Voltage LED Drivers

5ch DMX/RDM 960	4ch DMXS12/ RDM Dim. 961	4ch RGBW DMX 961	3ch DMX Dim. Converters 962	3ch RGB DMX Dim. 962
3ch RGB DMX Dim. IR Remote Control 962	1ch Dim. LED Driving Converters 963	DMX to Const.Volt. Converters 964	4ch RGBW Booster 965	3ch RGB Booster 965
1ch Boosters 965	DMX/RDM, DALI-2 DT6/DT8 RGBW High Frequency 966	DALI DT8 RGBW High Frequency 966	DALI DT8 Dual Colour 966	DALI to Const.Volt. 967
DALI 1-10V to Const.Volt. 968	1ch High IP Rated Dim. DALI 969	1ch High IP Rated Ultra Thin 970	1ch High IP Rated 1-10V Dim 971	1ch Dim. 1-10V 972
1ch DIM. 1-10V & Push Switch 972	1ch Phase Cut Leading or Trailing Edge 973	1ch LED Dimmer-Divers 974	1ch Dim. 1-10V Potentiometer 974	5 zones RGB/RGBW RF Remote Control 975
3ch RGB Dim. RF Remote Control 975	5 zones Monochromatic RF Remote Control 976	1ch RF Remote Control 976	1ch High IP Rated 977	1ch DIN RAIL 980

Constant Current LED Drivers

4ch DMX to Const Current 982	4ch DMXS12 RDM Decoder 982	DMX TW Single Output 2ch 983	2ch DMX to Const Current 983	DMX RGBW 983
1ch DMX to Const Current 984	1ch DMX/RDM to Const. Current 984	1ch DMX to Const Current 985	1ch DMX / 1-10V / Push Dim. 986	1ch LED Boosters 986
1ch DMX WD Amplitude Dim. 987	DALI TD8 4ch TW 988	DALI TD8 4ch RGBW 988	4ch DALI to Const Current 989	2ch DALI to Const Current 989
1ch DALI to Const Current or Const.Volt. 990	1ch DALI to Const Current 991	1ch DALI WD Amplitude Dim. 992	1ch DALI / 1-10V / Push WD 994	1ch DALI WD NFC Progrm. Amplitude Dim. 996
1ch DALI Dim. IP68 Amplitude Dir 997	1ch Dim. 1-10V Const.Volt. or Const.Volt. 998	1ch Dim. 1-10V & Leading or Trailing Edge 1000	1ch Dim. 1-10V Potentiometer 1000	1ch Dim. 1-10V 1001
1ch 1-10V Dim. 1002	1ch 1-10V WD Amplitude Dim. 1003	1ch 1-10V Dim. IP68 1004	1ch Leading or Trailing Edge Phase Cut 1005	1ch Leading or Trailing Edge Phase Cut 1006
1ch Phase Cut WD Amplitude Dim. 1008	1ch Multi Power 1011	1ch 350-700mA Small Size 1016	1ch 200-1050mA 1017	



EXTERIOR LINEAR



PROTAGON



Protagon Series of wall washers is the highest in performance of all wall washers offered. It is designed to highlight buildings with grand presence that stand out from their surroundings.

- **Unit pitch:** 6 cm. Pitch is maintained between luminaires.
- **Control:** DMX-512. Galvanic isolated.
- **DMX Resolution:** Normal (8bit), High (16bit).
- **Dimming Steps:** 65535 steps, for very smooth dimming.
- **DMX Channels:** User selectable from 2 channels (for all groups) up to 5 channels (per group).
- **Dimming Curves:** Linear, Logarithmic, Square.
- **Gamma correction:** Yes. From 2.5 to 1/2.5 in steps of 0.1.
- **Anti-glare:** Optional Anti-glare accessory.
- **Setup:** From external Setup Programmer.
- **Over temperature protection:** The wattage of the LED is automatically readjusted in case the temperature exceeds safety levels.
- **Ingress Protection:** IP66
- **Connectors:** Input, Output connectors for power supply and DMX signal.
- **Power Factor:** >0.98
- **Operation Ambient temperature:** -25°C / +50°C.
- **Power Supply:** 90-277VAC, 50-60Hz
- **Weight 60/90/120/150cm:** 6,41 / 10,44 / 11,80 / 15,14kgs
- **IK Rate:** IK04

No. of LEDs per 60cm:

- 10x4 LEDs (4in1) for Monochromatic and Tunable White models.
- 10 multi colour LEDs (4in1) for RGBW models.

L90/B10 50000h RGBW

Monochromatic:

- L90/B10 50000h Red, Green, Blue
- L70/B10 50000h Amber
- L70/B10 36000h White



Marine Type

PROTAGON is also available in Marine type with the following characteristics:

Powder Coating:

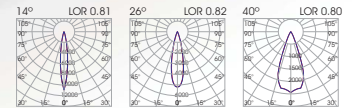
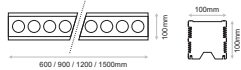
- ✓ Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.

Exterior Durability:

- ✓ Meets qualicoat class 2 requirements after 3 years Florida
- ✓ Meets AAMA 2604-13 requirements after 5 years Florida

High Resistance to:

- ✓ Weather, ✓UV, ✓Water and mould growth



Model	Luminaire Colour**	CCT - CRI	110W LED Source	165W LED Source	220W LED Source	275W LED Source	Beam Angle	Wall / Length
PROTAGON (PROTAGON)	Grey (GR)	2700K - 80CRI [2780]	8120lm	12180lm	16240lm	20300lm	14° (14)	110W / 60cm (110W/60)
	Marine Type (MT)	2700K - 90CRI [2790]	6120lm	9180lm	12240lm	15300lm	26° (26)	165W / 90cm (165W/90)
		3000K - 80CRI [3080]	8680lm	13020lm	17360lm	21700lm	40° (40)	220W / 120cm (220W/120)
		3000K - 90CRI [3090]	6640lm	9960lm	13280lm	16600lm		275W / 150cm (275W/150)
		4000K - 80CRI [4080]	8680lm	13020lm	17360lm	21700lm		
		6500K - 70CRI [6570]	9880lm	14820lm	19760lm	24700lm		
		Red (RD)	6360lm	9540lm	12720lm	15900lm		
		Green (GR)	10860lm	16280lm	21710lm	27140lm		
		Blue (BL)	3250lm	4880lm	6504lm	8130lm		
		Amber (AM)	6360lm	9540lm	12720lm	15900lm		
	Tunable WC 4in1 (WC4*)	8990lm	13480lm	17970lm	22460lm			
	RGBW (RGBW)	4200lm	6300lm	8400lm	10500lm			

*WC4: Tunable 2700K-6500K 4in1
** Available in RAL colours upon request.

Ordering Code Example: PROTAGON-GR-3080-14-165W/90



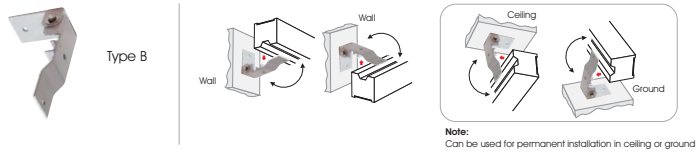
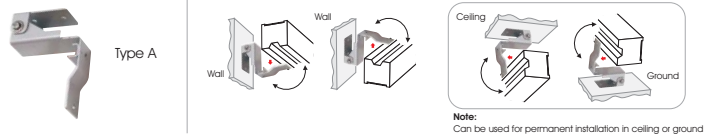
1. Movable Ground Bracket



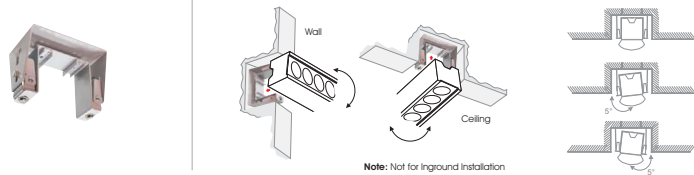
2. Fixed Ceiling or Ground Bracket



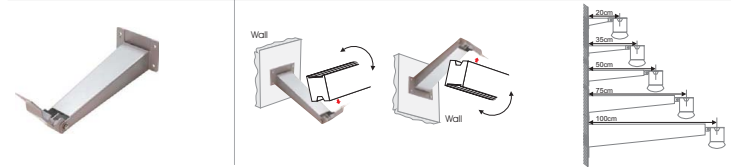
3. Fixed 10cm Wall Bracket Type A & Type B



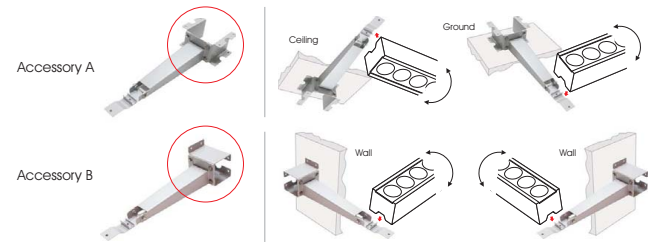
4. Recessed Bracket ±5°



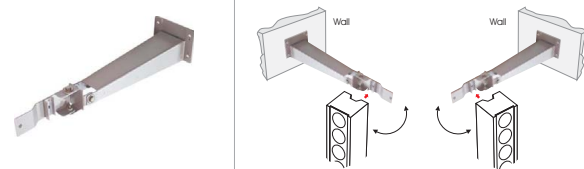
5. Fixed 20 ,35 ,50 ,75 ,100cm Wall Bracket



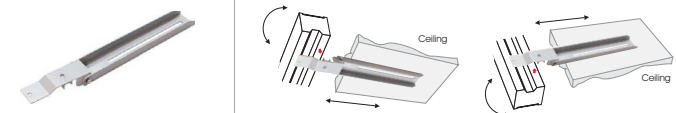
Accessories for other ways of installing 35 ,50 ,75 ,100cm Wall Bracket



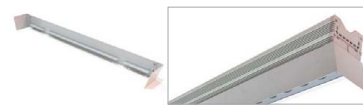
6. Adaptor for Vertical Wall Installation



7. Slide Bracket



8. Antigliare Accessory

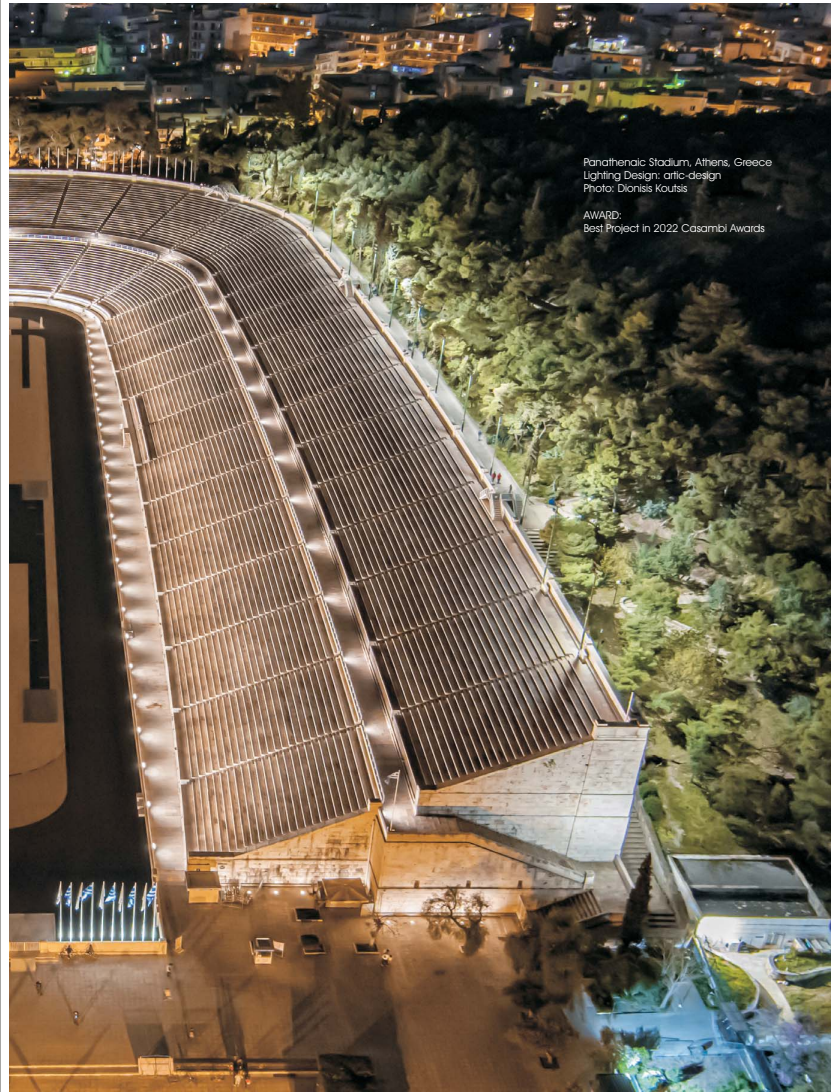


9. DMX SET UP Programmer





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Panathenaic Stadium, Athens, Greece
Lighting Design: arto-design
Photo: Dionisis Koutsis

AWARD:
Best Project in 2022 Casambi Awards

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELEGANT MAX II



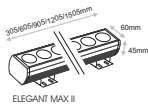
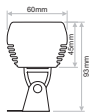
Elegant Max II is the new model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 30.5cm offered in extra version only). It is available upon request in different RAL colours.

L90/B10 50.000h
for monochromatic models

L70/B10 50.000h
for RGBW models



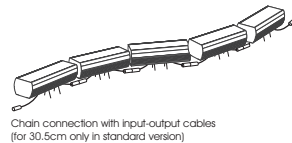
ELEGANT MAX II 30.5cm



ELEGANT MAX II



ELEGANT MAX II 30.5cm



Chain connection with input-output cables
(for 30.5cm only in standard version)



ELEGANT MAX II



Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power RGBW 4in1 LEDs
Optics:	Monochrome, Tunable White (2in1): 8° Monochrome, Tunable White (2in1), RGBW, RGBA: 12°, 22°, 45°, 60°, 12°x40°, 15°x50°, 15°x80°, 40°x12°, 50°x15°, 80°x15° 30.5cm / 60.5cm / 90.5cm / 120.5cm / 150.5cm
Lengths:	
No. of LEDs 30.5cm / 60.5cm	6 leds / 12 leds / 18 leds / 24 leds / 30 leds
90.5cm / 120.5cm / 150.5cm:	50 mm (Pitch is maintained between luminaires)
Pitch:	Constant voltage 24VDC
Power supply:	30.5cm:17.5W / 60.5cm:35W / 90.5cm:52.5W / 120.5cm:70W / 150.5cm:87.5W
Power:	IP66
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C.

Materials:

Main body:	Natural anodized anticorrosal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorrosal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0.07bar.
Cable gland:	Nickelated brass, IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories/Materials:

Ground brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth



ELEGANT MAX II

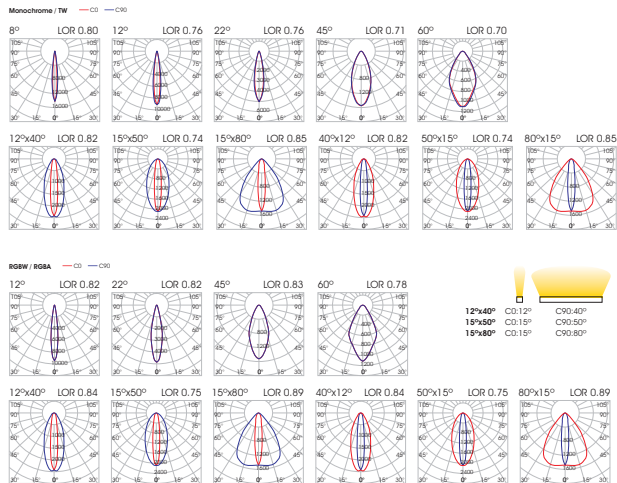


IP66

Model	Luminaire Colour*	Colour - CCT	17.5W LED Source	35W LED Source	52.5W LED Source	70W LED Source	87.5W LED Source	Beam Angle	Watt / Length	Voltage	
ELEGANT MAX II <small>(ELEGANT MAX II)</small>	Anodized (A1)	2700K-80CRI (2780)	1690lm	3380lm	5070lm	6760lm	8450lm	8°*** (08)	17.5W / 30.5cm (18W031)	24VDC (24)	
		2700K-90CRI (2790)	1390lm	2780lm	4170lm	5560lm	6950lm	12° (12)	35W / 60.5cm (35W061)		
		Marina type (M)	3000K-80CRI (3080)	1690lm	3380lm	5070lm	6760lm	8450lm	22° (22)		52.5W / 90.5cm (53W091)
			3000K-90CRI (3090)	1480lm	2960lm	4440lm	5920lm	7400lm	45° (45)		70W / 120.5cm (70W121)
			4000K-80CRI (4080)	1870lm	3740lm	5610lm	7480lm	9350lm	60° (60)		87.5W / 150.5cm (88W151)
			4000K-90CRI (4090)	1580lm	3160lm	4740lm	6320lm	7900lm	12°x40° (1240)		
	5700K-80CRI (5780)	1870lm	3740lm	5610lm	7480lm	9350lm	15°x80° (1580)				
	5700K-90CRI (5790)	1690lm	3380lm	5070lm	6760lm	8450lm	40°x12° (4012)				
	RGBW (3000K) (RGBW30)	905lm	1810lm	2715lm	3620lm	4525lm	50°x15° (5015)				
	RGBW (4000K) (RGBW40)	920lm	1840lm	2760lm	3680lm	4600lm	80°x15° (8015)				
	RGBA (Amber) (RGA)	795lm	1590lm	2385lm	3180lm	3975lm					
	Tunable WC 2in1 (WC2**)	1200lm	2400lm	3600lm	4800lm	6000lm					

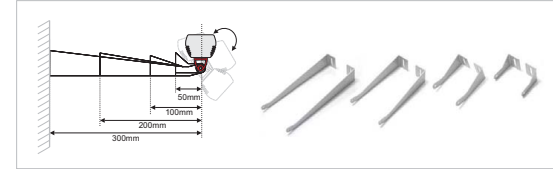
* Available in RAL colours upon request.
**** WC2:** Tunable 2700K-6500K 2in1
 *** 8° only for Monochromatic & Tunable models.

Ordering Code Example: ELEGANT MAX II-AN-RGBW30-45-70W121-24



ELEGANT MAX II

Accessories



Fixed 5.10.20.30cm Wall brackets INOX-316 powder coated (as extra)



Antiglare accessory (as extra)

Ground brackets



Ground bracket INOX-304 (as standard)



Ground bracket INOX-316 powder coated (as extra)



Ground bracket (for 30,5cm) INOX-304 (as standard)



Ground bracket (for 30,5cm) INOX-316 powder coated (as extra)

Input & Output cables



Input cable with IP connectors (as standard for 60.5/90.5/120.5/150.5cm)



Output cable with IP connector (30.5cm only available in this version (as extra for 60.5/90.5/120.5/150.5cm))



Extension cables with connectors IP68 Lengths: 100/200/300/500cm



Input & Output cables (30.5cm only available in this version)

ELEGANT MAX



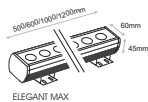
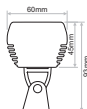
Elegant Max model of Elegant series, is ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

L90/B10 50.000h
for monochromatic models

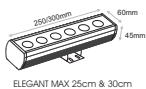
L90/B10 50.000h
for RGB, RGBW, R, G, B models



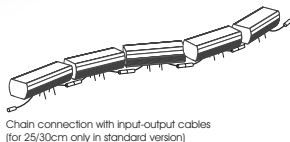
ELEGANT MAX 25cm & 30cm



ELEGANT MAX



ELEGANT MAX 25cm & 30cm



Chain connection with input-output cables (for 25/30cm only in standard version)



ELEGANT MAX



Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 10°, 25°, 45°, 40°x10° (25 & 30cm only available in monochromatic), Tunable white (3in1), RGB (3in1), RGBW (4in1): 25°, 40°x10°
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	Monochrome, Tunable White (1in1), RGB(1in1): 24 leds / 12 leds Tunable White (3in1), RGB (3in1): 72 leds / 36 leds RGBW (4in1): 96 leds / 48 leds
No. of LEDs 25cm & 30cm:	Monochrome: 6 leds 41.65 mm Pitch is maintained between luminaires)
Pitch for 25cm, 30cm, 100cm:	50 mm (Pitch is maintained between luminaires)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaires)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 17.5W / 50cm, 60cm: 35W / 100cm, 120cm: 70W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C
Weight 25/30/50/60/100/120cm:	0,85 / 1,00 / 1,70 / 2,00 / 3,13 / 3,74kgs (standard models)

Materials:

Main body:	Natural anodized anticorrosal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-iron glass.
Finishes (End caps):	Anticorrosal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickelized brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant. UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

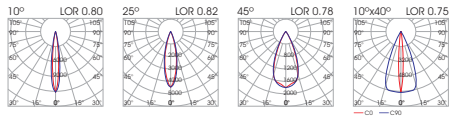




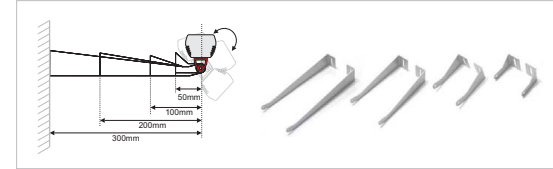
Model	Luminaire Colour**	CCT*** - CRI	17.5W LED Source	35W LED Source	70W LED Source	Beam Angle	Watt / Length***	Voltage
ELEGANT MAX <i>(ELEGANT MAX)</i>	Anodized <i>[AN]</i>	2700K - 80CRI <i>[2780]</i>	1690lm	3370lm	6750lm	10° <i>[10]</i>	17.5W / 25cm <i>(18W025)</i>	24VDC <i>(24)</i>
	Marine Type <i>[MT]</i>	2700K - 90CRI <i>[2790]</i>	1390lm	2780lm	5560lm	25° <i>[25]</i>	17.5W / 30cm <i>(18W030)</i>	
		3000K - 80CRI <i>[3080]</i>	1780lm	3560lm	7110lm	45° <i>[45]</i>	35W / 50cm <i>(35W050)</i>	
		3000K - 90CRI <i>[3090]</i>	1480lm	2960lm	5930lm	10°x40° <i>[40]</i>	35W / 60cm <i>(35W060)</i>	
		4000K - 80CRI <i>[4080]</i>	1870lm	3740lm	7480lm		70W / 100cm <i>(70W100)</i>	
		4000K - 90CRI <i>[4090]</i>	1690lm	3370lm	6750lm		70W / 120cm <i>(70W120)</i>	
		5700K - 80CRI <i>[5780]</i>	1870lm	3740lm	7480lm			
		5700K - 90CRI <i>[5790]</i>	1690lm	3370lm	6750lm			
		6500K - 80CRI <i>[6580]</i>	1870lm	3740lm	7480lm			
		Tunable WC 1in1 <i>[WC1*]</i>	-	3560lm	7110lm			
		Tunable WNC 1in1 <i>[WNC1*]</i>	-	2950lm	5900lm			
		Red <i>[RD]</i>	920lm	1840lm	3670lm			
		Green <i>[GR]</i>	1650lm	3300lm	6600lm			
		Blue <i>[BL]</i>	470lm	940lm	1870lm			
		Amber <i>[AM]</i>	1010lm	2030lm	4060lm			
		RGB 1in1 <i>[RGB1]</i>	-	1430lm	2850lm			
		Tunable WNC 3in1 <i>[WNC3*]</i>	-	2700lm	5400lm	25° <i>[25]</i>		
		RGB 3in1 <i>[RGB3]</i>	-	2600lm	4900lm	10°x40° <i>[40]</i>		
		RGBW 4in1 <i>[RGBW]</i>	-	2650lm	5310lm			
		RGBA 4in1 <i>[RGBA]</i>	-	2450lm	4890lm			

*WC1: Tunable 2700K-6500K 1in1
 *WNC1: Tunable 2700K-4000K-6500K 1in1
 *WNC3: Tunable 2700K-4000K-6500K 3in1
 ** Available in RAL colours upon request
 *** 25cm & 30cm only available monochromatic

Ordering Code Example: ELEGANT MAX-AN-3090-45-70W100-24



Accessories



Fixed 5, 10, 20, 30cm Wall brackets INOX-316 powder coated (as extra)



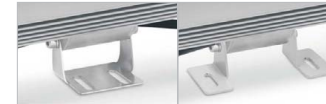
Antiglare accessory (as extra)

Ground brackets



Ground bracket INOX-304 (as standard)

Ground bracket INOX-316 powder coated (as extra)



Ground bracket (for 25/30cm) INOX-304 (as standard)

Ground bracket (for 25/30cm) INOX-316 powder coated (as extra)

Input & Output cables

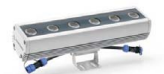


Input cable with IP connectors (as standard for 50/60/100/120cm)

Output cable with IP connector (20/30cm only available in this version) (as extra for 50/60/100/120cm)



Extension cables with connectors IP68 Lengths: 100/200/300/500cm (as extra for 25/30cm)

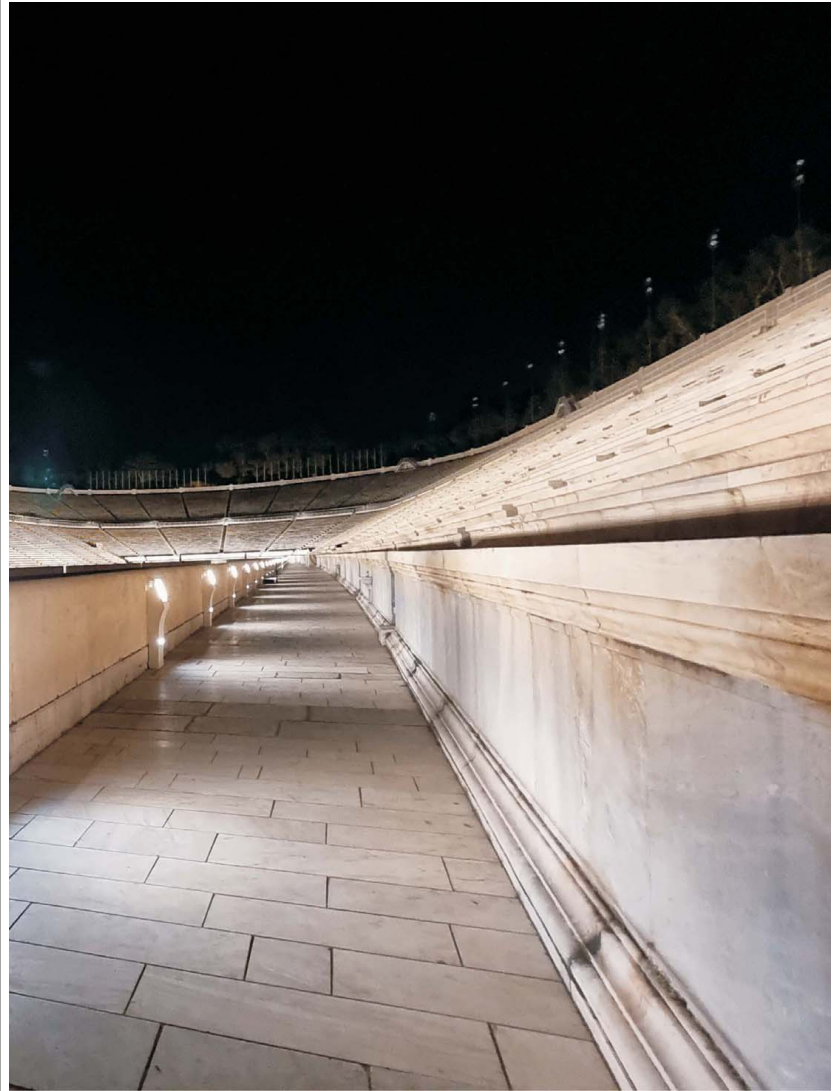


Input & Output cables (25/30cm only available in this version)



Panathenaic Stadium, Athens, Greece
Lighting Design: artic-design

AWARD:
Best Project in 2022 Casambi Awards



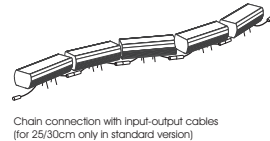
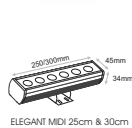
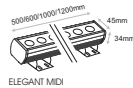
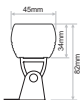
ELEGANT MIDI



Elegant MIDI is in the middle range in performance model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

L90/B10 50.000h
for monochromatic models

L90/B10 50.000h
for RGB, RGBW, R, G, B models



ELEGANT MIDI



Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 10°, 25°, 45°, 40°x10° (25 & 30cm only available in monochromatic), Tunable white (3in1), RGB (3in1), RGBW (4in1): 25°, 40°x10°
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	Monochrome, Tunable White (1in1), RGB(1in1): 24 leds / 12 leds Tunable White (3in1), RGB (3in1): 72 leds / 36 leds RGBW (4in1): 96 leds / 48 leds
No. of LEDs 25cm & 30cm:	Monochrome: 6 leds 41.65 mm Pitch is maintained between luminaires)
Pitch for 25cm, 50cm, 100cm:	50 mm (Pitch is maintained between luminaires)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaires)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 10W / 50cm, 60cm: 20W / 100cm, 120cm: 40W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C
Weight 25/30/50/60/100/120cm:	0,55 / 0,65 / 1,10 / 1,28 / 2,00 / 2,34kg (standard models)

Materials:

Main body:	Natural anodized anticorrosal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-iron glass.
Finishes (End caps):	Anticorrosal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickelized brass, IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant. UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth





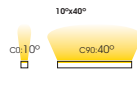
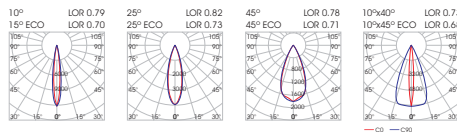
Model	Luminaire Colour**	CCT*** - CRI	10W LED Source	20W LED Source	40W LED Source	Beam Angle	Wall / Length***	Voltage
ELEGANT MIDI <i>(ELEGANT MIDI)</i>	Anodized <i>(AN)</i>	2700K - 80CRI <i>(2780)</i>	1070lm	2130lm	4260lm	10° <i>(10)</i>	10W / 25cm <i>(10W/025)</i>	24VDC <i>(24)</i>
	Marine Type <i>(MT)</i>	2700K - 90CRI <i>(2790)</i>	880lm	1760lm	3510lm	25° <i>(25)</i>	10W / 30cm <i>(10W/030)</i>	
		3000K - 80CRI <i>(3080)</i>	1120lm	2250lm	4490lm	45° <i>(45)</i>	20W / 50cm <i>(20W/050)</i>	
		3000K - 90CRI <i>(3090)</i>	940lm	1870lm	3740lm	10°x40° <i>(40)</i>	20W / 60cm <i>(20W/060)</i>	
		4000K - 80CRI <i>(4080)</i>	1180lm	2360lm	4720lm		40W / 100cm <i>(40W/100)</i>	
		4000K - 90CRI <i>(4090)</i>	1070lm	2130lm	4260lm		40W / 120cm <i>(40W/120)</i>	
		5700K - 80CRI <i>(5780)</i>	1180lm	2360lm	4720lm			
		5700K - 90CRI <i>(5790)</i>	1070lm	2130lm	4260lm			
		6500K - 80CRI <i>(6580)</i>	1180lm	2360lm	4720lm			
		Tunable WC 1in1 <i>(WC1*)</i>	-	2250lm	4490lm			
		Tunable WNC 1in1 <i>(WNC1*)</i>	-	1690lm	3370lm			
		Red <i>(RD)</i>	580lm	1160lm	2320lm			
		Green <i>(GR)</i>	1160lm	2310lm	4620lm			
		Blue <i>(BL)</i>	320lm	630lm	1260lm			
		Amber <i>(AM)</i>	660lm	1320lm	2640lm			
		RGB 1in1 <i>(RGB1)</i>	-	920lm	1840lm			
		Tunable WNC 3in1 <i>(WNC3*)</i>	-	1900lm	3790lm	25° <i>(25)</i>		
		RGB 3in1 <i>(RGB3)</i>	-	1640lm	3280lm	10°x40° <i>(40)</i>		
		RGBW 4in1 <i>(RGBW)</i>	-	1620lm	3230lm			
		RGBA 4in1 <i>(RGBA)</i>	-	1530lm	3050lm			

ECO

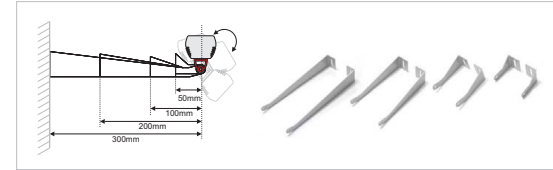
Model	Luminaire Colour**	CCT - CRI	20W LED Source	40W LED Source	Beam Angle	Wall / Length***	Voltage
ELEGANT MIDI ECO <i>(ELEGANT MIDI ECO)</i>	Anodized <i>(AN)</i>	2700K - 80CRI <i>(2780)</i>	2130lm	4260lm	15° <i>(15)</i>	20W / 50cm <i>(20W/050)</i>	24VDC <i>(24)</i>
	Marine Type <i>(MT)</i>	2700K - 90CRI <i>(2790)</i>	1760lm	3510lm	25° <i>(25)</i>	20W / 60cm <i>(20W/060)</i>	
		3000K - 80CRI <i>(3080)</i>	2250lm	4490lm	45° <i>(45)</i>	40W / 100cm <i>(40W/100)</i>	
		3000K - 90CRI <i>(3090)</i>	1870lm	3740lm	10°x45° <i>(40)</i>	40W / 120cm <i>(40W/120)</i>	
		4000K - 80CRI <i>(4080)</i>	2360lm	4720lm			
		6500K - 80CRI <i>(6580)</i>	2360lm	4720lm			
		Tunable WC 1in1 <i>(WC1*)</i>	2250lm	4490lm			
		Tunable WNC 1in1 <i>(WNC1*)</i>	1690lm	3370lm			
		Red <i>(RD)</i>	1160lm	2320lm			
		Green <i>(GR)</i>	2310lm	4620lm			
		Blue <i>(BL)</i>	630lm	1260lm			
		Amber <i>(AM)</i>	1320lm	2640lm			
		RGB 1in1 <i>(RGB1)</i>	920lm	1840lm			
		Tunable WNC 3in1 <i>(WNC3*)</i>	1900lm	3790lm	25° <i>(25)</i>		
		RGB 3in1 <i>(RGB3)</i>	1640lm	3280lm	10°x45° <i>(40)</i>		
		RGBW 4in1 <i>(RGBW)</i>	1620lm	3230lm			

*WC1: Tunable 2700K-6500K 1in1
 **WC1: Tunable 2700K-4000K-6500K 1in1
 ***WC1: Tunable 2700K-4000K-6500K 3in1
 ** Available in RAL colours upon request
 *** 25cm & 30cm only available monochromatic

Ordering Code Example: ELEGANT MIDI-AN-4080-25-40W120-24



Accessories



Fixed 5.10.20.30cm Wall brackets
 INOX-316 powder coated (as extra)



Anti-glare accessory
 (as extra)

Ground brackets



Ground bracket
 INOX-304
 (as standard)



Ground bracket
 INOX-316
 powder coated
 (as extra)



Ground bracket (for 25/30cm)
 INOX-304
 (as standard)



Ground bracket (for 25/30cm)
 INOX-316
 powder coated
 (as extra)

Input & Output cables



Input cable with IP connectors
 (as standard for 50/60/100/120cm)



Output cable with IP connector
 (20/30cm only available in this version)
 (as extra for 50/60/100/120cm)



Extension cables with connectors IP68
 Lengths: 100/200/300/500cm (as extra for 25/30cm)



Input & Output cables
 (25/30cm only available in this version)



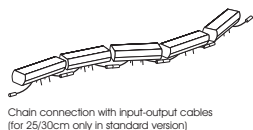
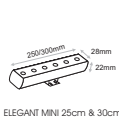
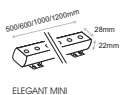
ELEGANT MINI



Elegant MINI is the slimmest and lower range in wattage model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through anti-glare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in differentRAL colours.

L80/B10 50.000h
for monochromatic models

L90/B10 50.000h
for RGB, R, G, B models



ELEGANT MINI



Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 14°, 27°, 49°, 40°x13° (25 & 30cm only available in monochromatic).
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	24 leds / 12 leds
No. of LEDs 25cm & 30cm:	6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaires)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaires)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 6.5W / 50cm, 60cm: 13W / 100cm, 120cm: 26W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C.
Weight 25/30/50/60/100/120cm:	0,27 / 0,35 / 0,532 / 0,680 / 0,970 / 1,120kg (standard models)

Materials:

Main body:	Natural anodized anticorrosal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-iron glass.
Finishes (End caps):	Anticorrosal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Pressure equalization:	Screw Vent (Breathair) 190ml/min@0,07bar.
Cable glands:	Nickelled brass. IP65.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	INOX-316 metal parts.
Wall brackets:	INOX-316 metal parts.
Anti-glare:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth



WEATHER RESISTANT

ELEGANT MINI



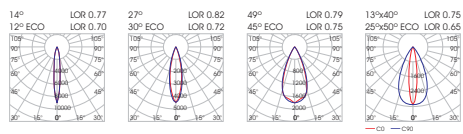
Model	Luminaire Colour**	CCT*** - CRI	6.5W LED Source	13W LED Source	26W LED Source	Beam Angle	Wall / Length***	Voltage
ELEGANT MINI <i>(ELEGANT MINI)</i>	Anodized <i>[AN]</i>	2700K - 80CRI <i>[2780]</i>	510lm	1030lm	2060lm	14° <i>(14)</i>	6.5W / 25cm <i>(07W025)</i>	24VDC <i>(24)</i>
		2700K - 90CRI <i>[2790]</i>	390lm	770lm	1550lm	27° <i>(27)</i>	6.5W / 30cm <i>(07W030)</i>	
	Marine Type <i>[MT]</i>	3000K - 80CRI <i>[3080]</i>	550lm	1090lm	2190lm	49° <i>(49)</i>	13W / 50cm <i>(13W050)</i>	
		3000K - 90CRI <i>[3090]</i>	420lm	840lm	1680lm	13°x40° <i>(40)</i>	13W / 60cm <i>(13W060)</i>	
	4000K - 80CRI <i>[4080]</i>	550lm	1090lm	2190lm		26W / 100cm <i>(26W100)</i>		
	6500K - 70CRI <i>[6570]</i>	624lm	1260lm	1250lm		26W / 120cm <i>(26W120)</i>		
	Tunable WC 1in1 <i>[WC1*]</i>	-	1140lm	2280lm				
	Tunable WNC 1in1 <i>[WNC1*]</i>	-	1260lm	2530lm				
	Red <i>[RD]</i>	340lm	680lm	1360lm				
	Green <i>[GR]</i>	770lm	1530lm	3070lm				
	Blue <i>[BL]</i>	220lm	440lm	880lm				
	Amber <i>[AM]</i>	420lm	840lm	1680lm				
	RGB 1in1 <i>[RGB1]</i>	-	650lm	1290lm				

ECO

Model	Luminaire Colour**	CCT*** - CRI	13W LED Source	26W LED Source	Beam Angle	Wall / Length***	Voltage
ELEGANT MINI ECO <i>(ELEGANT MINI ECO)</i>	Anodized <i>[AN]</i>	2700K - 80CRI <i>[2780]</i>	1030lm	2060lm	12° <i>(12)</i>	13W / 50cm <i>(13W050)</i>	24VDC <i>(24)</i>
		2700K - 90CRI <i>[2790]</i>	770lm	1550lm	30° <i>(30)</i>	13W / 60cm <i>(13W060)</i>	
	Marine Type <i>[MT]</i>	3000K - 80CRI <i>[3080]</i>	1090lm	2190lm	45° <i>(45)</i>	26W / 100cm <i>(26W100)</i>	
		3000K - 90CRI <i>[3090]</i>	840lm	1680lm	25°x50° <i>(50)</i>	26W / 120cm <i>(26W120)</i>	
	4000K - 80CRI <i>[4080]</i>	1090lm	2190lm				
	6500K - 70CRI <i>[6570]</i>	1250lm	1250lm				
	Tunable WC 1in1 <i>[WC1*]</i>	1140lm	2280lm				
	Tunable WNC 1in1 <i>[WNC1*]</i>	1260lm	2530lm				
	Red <i>[RD]</i>	680lm	1360lm				
	Green <i>[GR]</i>	1530lm	3070lm				
	Blue <i>[BL]</i>	440lm	880lm				
	Amber <i>[AM]</i>	840lm	1680lm				
	RGB 1in1 <i>[RGB1]</i>	650lm	1290lm				

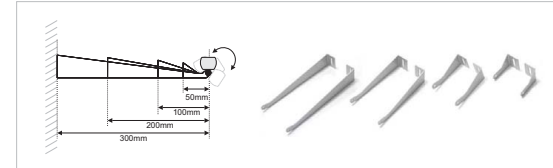
*WC1: Tunable 2700K-6500K 1in1
 **WC1: Tunable 2700K-4000K-6500K 1in1
 *** Available in RAL colours upon request
 *** 25cm & 30cm only available monochromatic

Ordering Code Example: ELEGANT MINI-AN-6570-14-13W060-24



ELEGANT MINI

Accessories



Fixed 5.10.20.30cm Wall brackets
 INOX-316 powder coated (as extra)



Anti-glare accessory
 (as extra)

Ground brackets



Ground bracket
 INOX-304
 (as standard)



Ground bracket
 INOX-316
 powder coated
 (as extra)



Ground bracket (for 25/30cm)
 INOX-304
 (as standard)



Ground bracket (for 25/30cm)
 INOX-316
 powder coated
 (as extra)

Input & Output cables



Input cable with IP connectors
 (as standard for 50/60/100/120cm)



Output cable with IP connector
 (20/30cm only available in this version)
 (as extra for 50/60/100/120cm)



Input cable (for ECO model)
 Open wire ends with ferrules
 (as standard for 50/60/100/120cm)



Extension cables with connectors IP68
 Lengths: 100/200/300/500cm (as extra for 25/30cm)



Input & Output cables
 (25/30cm only available in this version)

ELEGANT HV



Elegant HV incorporates the power supply in the luminaire itself. It is in the middle range in performance model of Elegant series. Ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector. It is available upon request in different RAL colours.

L80/B10 50.000h
for monochromatic models

Power Supply
220-240VAC / 50-60Hz

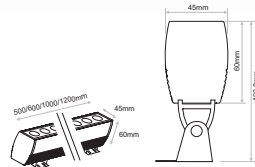


Lighting management options:

On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation: Surface mounted, Wall mounted
LED light source: High power CREE LEDs
Optics: Monochrome: 10°, 25°, 45°, 40°x10°, 50cm, 60cm, 100cm, 120cm
Lengths: 50cm, 60cm, 100cm, 120cm
No. of LEDs: 100, 120cm / 50, 60cm: 24 LEDs / 12 LEDs
Pitch for 50cm, 100cm: 41.65 mm (Pitch is maintained between luminaires)
Pitch for 60cm, 120cm: 50 mm (Pitch is maintained between luminaires)
Power supply: (for all models of ELEGANT HV) 220-240VAC / 50-60Hz
 50cm, 60cm: 18W / 100cm, 120cm: 35W
Power: 50cm, 60cm: 18W / 100cm, 120cm: 35W
Ingress protection: IP66
Operation Ambient temperature: -25°C to +50°C
Weight 50/60/100/120cm: 1,71 / 1,95 / 3,08 / 3,37kgs (standard models)



Materials:

Main body: Natural anodized anticorrosal aluminium EN AW-6060.
Protective cover: 3mm tempered Low-iron glass.
Finishes (End caps): Anticorrosal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets: Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-304 metal parts.
Optics: PMMA collimating lens
Gaskets: Silicone rubber
Connector: Nylon 66, Fire resistance V-0
Screw Vent: PC
Pressure equalization: Screw Vent (Breather) 190ml/min@0,07bar
Cable glands: Nickelated brass, IP68.
Printed circuit: Insulated metal substrate PCB
Power cords: 50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws: Stainless steel

Accessories Materials:

Ground brackets: Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets: Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare: Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Power Coating: Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly BS5496), EN13438 (formerly BS5497:1984) and AAMA 2604. Meets qualicoat class 2 requirements after 3 years Florida. Meets AAMA 2604-13 requirements after 5 years Florida.
Exterior Durability: Weather, UV, Water and mould growth
High Resistance to: Weather, UV, Water and mould growth



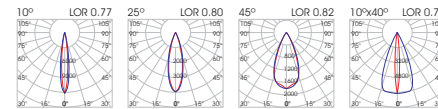
ELEGANT HV



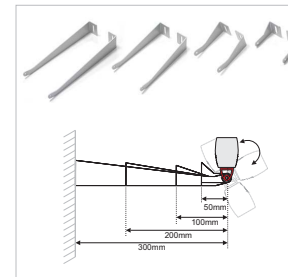
Model	Luminaire Colour**	CCT - CRI	18W LED Source	35W LED Source	Beam Angle	Wall / Length	Dimming Option
ELEGANT HV <i>(ELEGANT HV)</i>	Anodized (AN) Marine Type (MT)	2700K - 80CRI (2780)	2260m	4390m	10° (10)	18W / 50cm (18W/50) 18W / 60cm (18W/60) 35W / 100cm (35W/100) 35W / 120cm (35W/120)	Non-Dimmable (ND) Analogue (1-10V) (A1) DALI (DL)
		2700K - 90CRI (2790)	1860m	3620m	25° (25)		
	3000K - 80CRI (3080)	2380m	4620m	45° (45)			
	3000K - 90CRI (3090)	1980m	3850m	10°x40° (40)			
	4000K - 80CRI (4080)	2500m	4850m				
	4000K - 90CRI (4090)	2260m	4390m				
	5700K - 80CRI (5780)	2500m	4850m				
	5700K - 90CRI (5790)	2260m	4390m				
	6500K - 80CRI (6580)	2500m	4850m				
	Red (RD)	1210m	2350m				
	Green (GR)	2480m	4820m				
	Blue (BL)	660m	1290m				
	Amber (AM)	1390m	2700m				

* Available in RAL colours upon request.

Ordering Code Example:
ELEGANT HV-AN-4080-25-35W/120-A1



Accessories



Fixed 5, 10, 20, 30cm Wall brackets INOX-316 powder coated (as extra)



Antiglare accessory (as extra)

Ground brackets



Ground bracket INOX-304 (as standard) Ground bracket INOX-316 powder coated (as extra)

Input & Output cables



Input cable with IP68 connectors (as standard) Output cable with IP68 connector (as extra)



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



a12 Showroom, Athens, Greece
Architect: Nikos Glias

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

OUTLINER 50 IP67



Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours



Seamless IP67

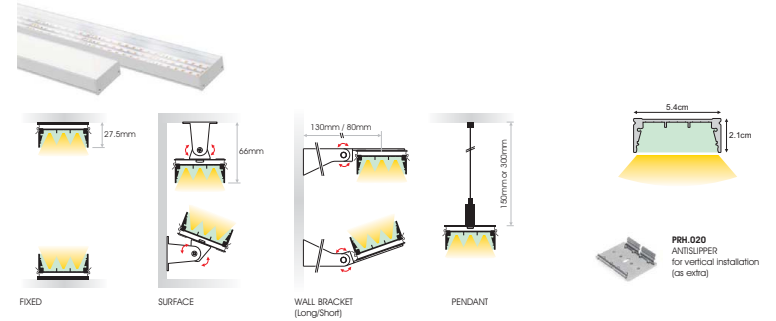
RESIN material:
15-component polyurethane, transparent or translucent for homogeneous light dispersion.
Fully compliance with: REACH, RoHS and EUV European Directives.
EC - Directives 89/109 Contact with Food.
Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.
Thermal Shock - Heat - Abrasion
Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

Marine type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

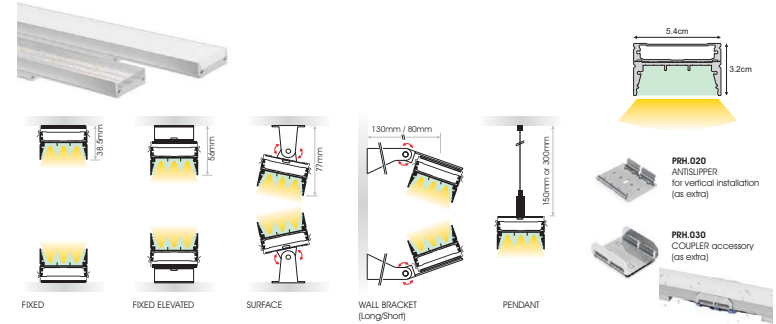


OUTLINER 50 IP67

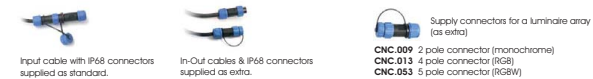
STANDARD



SEAMLESS



Connectors



Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)
CNC.009 2 pole connector (monochromic)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)



OUTLINER 50 IP67



STANDARD



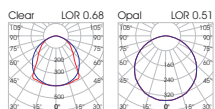
Model*	Luminaire Colour**	CCT	CRI	Watt** / Length	Type	Voltage
OUTLINER 50 IP67 FIXED <i>(OUTLINER50-67F)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	> 80 <i>(80)</i>	31.5W / 53cm <i>(32W053)</i>	Clear <i>(CL)</i>	24VDC <i>(24)</i>
	Marine Type <i>(MT)</i>	2500K <i>(25)</i>		52.5W / 86.3cm <i>(53W086)</i>	Opal <i>(OP)</i>	
		2700K <i>(27)</i>		63W / 103cm <i>(63W103)</i>		
		3000K <i>(30)</i>		73.5W / 119.7cm <i>(74W120)</i>		
		4000K <i>(40)</i>		94.5W / 153cm <i>(95W153)</i>		
OUTLINER 50 IP67 SURFACE <i>(OUTLINER50-67S)</i>		5700K <i>(57)</i>		126W / 203cm <i>(126W203)</i>		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour		Watt / Length			
	RGBWW <i>(RGBWW)</i>		40.5W / 53cm <i>(41W053)</i>			
	RGBCW <i>(RGBCW)</i>		69.3W / 88.7cm <i>(69W089)</i>			
OUTLINER 50 IP67 SHORT BRACKET 8cm <i>(OUTLINER50-67SB)</i>				81W / 103cm <i>(81W103)</i>		
				98.4W / 124.4cm <i>(98W124)</i>		
				121.5W / 153cm <i>(122W153)</i>		
				162W / 203cm <i>(162W203)</i>		
	OUTLINER 50 IP67 LONG BRACKET 13cm <i>(OUTLINER50-67LB)</i>				29.1W / 53cm <i>(29W053)</i>	
				46.8W / 83cm <i>(47W083)</i>		
				58.5W / 103cm <i>(59W103)</i>		
				70.2W / 123cm <i>(70W123)</i>		
				87.6W / 153cm <i>(88W153)</i>		
OUTLINER 50 IP67 PENDANT <i>(OUTLINER50-67P1) H:150cm</i> <i>(OUTLINER50-67P2) H:300cm</i>				117W / 203cm <i>(117W203)</i>		
				34.5W / 53cm <i>(35W053)</i>		
				60.3W / 90.5cm <i>(60W091)</i>		
				69W / 103cm <i>(69W103)</i>		
				81.9W / 121.7cm <i>(82W122)</i>		
OUTLINER 50 IP67 SURFACE <i>(OUTLINER50-67S)</i>				103.5W / 153cm <i>(104W153)</i>		
				138W / 203cm <i>(138W203)</i>		
				21.6W / 53cm <i>(22W053)</i>		
				34.8W / 83cm <i>(35W083)</i>		
				43.5W / 103cm <i>(44W103)</i>		
OUTLINER 50 IP67 SHORT BRACKET 6.5cm <i>(OUTLINER50-67SB1)</i>				52.2W / 123cm <i>(52W123)</i>		
				65.1W / 153cm <i>(65W153)</i>		
				87W / 203cm <i>(87W203)</i>		
				10.8W / 53cm <i>(11W053)</i>		
				17.1W / 83cm <i>(17W083)</i>		
OUTLINER 50 IP67 LONG BRACKET 11.5cm <i>(OUTLINER50-67LB2)</i>				21.6W / 103cm <i>(22W103)</i>		
				25.8W / 123cm <i>(26W123)</i>		
				32.4W / 153cm <i>(32W153)</i>		
				43.2W / 203cm <i>(43W203)</i>		
				10.8W / 53cm <i>(11W053)</i>		
OUTLINER 50 IP67 PENDANT <i>(OUTLINER50-67P1) H:150cm</i> <i>(OUTLINER50-67P2) H:300cm</i>				17.1W / 83cm <i>(17W083)</i>		
				21.6W / 103cm <i>(22W103)</i>		
				25.8W / 123cm <i>(26W123)</i>		
				32.4W / 153cm <i>(32W153)</i>		
				43.2W / 203cm <i>(43W203)</i>		
				10.8W / 53cm <i>(11W053)</i>	12VDC <i>(12)</i>	

* Short term immersion protection.

** Available in other colours or/and power upon request.

*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type Luminaire will be affected.

Ordering Code Example: **OUTLINER50-67B2-AN-4080-53W086-OP-24**



SEAMLESS

OUTLINER 50 IP67



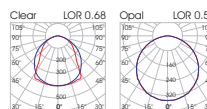
Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 50 SEAMLESS IP67 FIXED <i>(OUTLINER50-67SF)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	> 80 <i>(80)</i>	31.5W / 50.3cm <i>(32W050)</i>	Clear <i>(CL)</i>	24VDC <i>(24)</i>
	Marine Type <i>(MT)</i>	2500K <i>(25)</i>		52.5W / 83.7cm <i>(53W084)</i>	Opal <i>(OP)</i>	
		2700K <i>(27)</i>		63W / 100.3cm <i>(63W100)</i>		
		3000K <i>(30)</i>		73.5W / 117cm <i>(74W117)</i>		
		4000K <i>(40)</i>		94.5W / 150.3cm <i>(95W150)</i>		
OUTLINER 50 SEAMLESS IP67 SURFACE <i>(OUTLINER50-67SS)</i>		5700K <i>(57)</i>		126W / 200.3cm <i>(126W200)</i>		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour		Watt / Length			
	RGBWW <i>(RGBWW)</i>		40.5W / 50.3cm <i>(41W050)</i>			
	RGBCW <i>(RGBCW)</i>		69.3W / 86cm <i>(69W084)</i>			
OUTLINER 50 SEAMLESS IP67 SHORT BRACKET 6.5cm <i>(OUTLINER50-67SB1)</i>				81W / 100.3cm <i>(81W100)</i>		
				98.4W / 121.7cm <i>(98W122)</i>		
				121.5W / 150.3cm <i>(122W150)</i>		
				162W / 200.3cm <i>(162W200)</i>		
	OUTLINER 50 SEAMLESS IP67 LONG BRACKET 11.5cm <i>(OUTLINER50-67LB2)</i>				29.1W / 50.3cm <i>(29W050)</i>	
				46.8W / 80.3cm <i>(47W080)</i>		
				58.5W / 100.3cm <i>(59W100)</i>		
				70.2W / 120.3cm <i>(70W120)</i>		
				87.6W / 150.3cm <i>(88W150)</i>		
OUTLINER 50 SEAMLESS IP67 PENDANT <i>(OUTLINER50-67SP1) H:150cm</i> <i>(OUTLINER50-67SP2) H:300cm</i>				117W / 200.3cm <i>(117W200)</i>		
				34.5W / 50.3cm <i>(35W050)</i>		
				60.3W / 87.8cm <i>(60W088)</i>		
				69W / 100.3cm <i>(69W100)</i>		
				81.9W / 119cm <i>(82W119)</i>		
OUTLINER 50 SEAMLESS IP67 SURFACE <i>(OUTLINER50-67SS)</i>				103.5W / 150.3cm <i>(104W150)</i>		
				138W / 200.3cm <i>(138W200)</i>		
				21.6W / 50.3cm <i>(22W050)</i>		
				34.8W / 80.3cm <i>(35W080)</i>		
				43.5W / 100.3cm <i>(44W100)</i>		
OUTLINER 50 SEAMLESS IP67 SHORT BRACKET 6.5cm <i>(OUTLINER50-67SB1)</i>				52.2W / 120.3cm <i>(52W120)</i>		
				65.1W / 150.3cm <i>(65W150)</i>		
				87W / 200.3cm <i>(87W200)</i>		
				10.8W / 50.3cm <i>(11W050)</i>		
				17.1W / 80.3cm <i>(17W080)</i>		
OUTLINER 50 SEAMLESS IP67 LONG BRACKET 11.5cm <i>(OUTLINER50-67LB2)</i>				21.6W / 100.3cm <i>(22W100)</i>		
				25.8W / 120.3cm <i>(26W120)</i>		
				32.4W / 150.3cm <i>(32W150)</i>		
				43.2W / 200.3cm <i>(43W200)</i>		
				10.8W / 50.3cm <i>(11W050)</i>		
OUTLINER 50 SEAMLESS IP67 PENDANT <i>(OUTLINER50-67SP1) H:150cm</i> <i>(OUTLINER50-67SP2) H:300cm</i>				17.1W / 80.3cm <i>(17W080)</i>		
				21.6W / 100.3cm <i>(22W100)</i>		
				25.8W / 120.3cm <i>(26W120)</i>		
				32.4W / 150.3cm <i>(32W150)</i>		
				43.2W / 200.3cm <i>(43W200)</i>		
				10.8W / 50.3cm <i>(11W050)</i>	12VDC <i>(12)</i>	

* Short term immersion protection.

** Available in other colours or/and power upon request.

*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type Luminaire will be affected.

Ordering Code Example: **OUTLINER50-67SS-AN-RGB60-52W120-OP-24**



OUTLINER 40 IP67



Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours



Seamless IP67

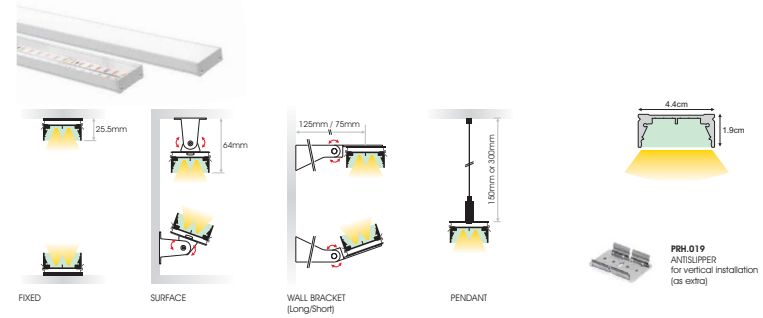
RESIN material:
15- component polyurethane, transparent or translucent for homogeneous light dispersion.
Fully compliance with: REACH, RoHS and EUV European Directives.
EC - Directives 89/109 Contact with Food.
Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.
Thermal Shock - Heat - Abrasion
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

Marine type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

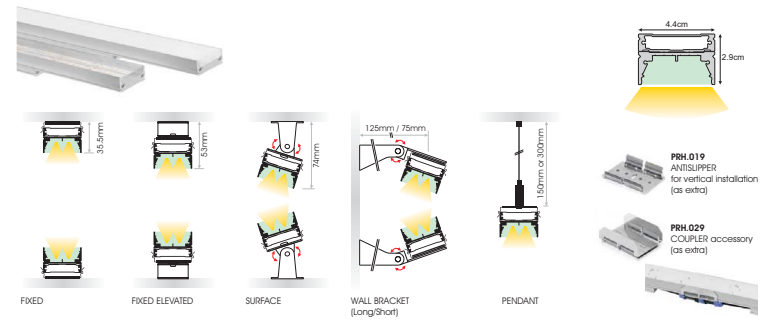


OUTLINER 40 IP67

STANDARD



SEAMLESS



Connectors



OUTLINER 40 IP67



STANDARD



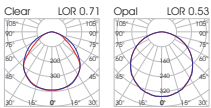
Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 40 IP67 FIXED (OUTLINER40-67F)	Anodized (AN) Marine Type (MT)	2000K (20)	>80 (80)	21W / 53cm (21W053)	Clear (CL)	24VDC (24)
		2500K (25)		35W / 86,3cm (35W086)	Opal (OP)	
		2700K (27)		42W / 103cm (42W103)		
		3000K (30)		49W / 119,7cm (49W120)		
		4000K (40)		63W / 153cm (63W153)		
OUTLINER 40 IP67 SURFACE (OUTLINER40-67S)		5700K (57)		84W / 203cm (84W203)		
		<i>RGBWW / RGBCW / RGB</i>				
OUTLINER 40 IP67 SHORT BRACKET 7.5m (OUTLINER40-67B1)						
OUTLINER 40 IP67 LONG BRACKET 12.5cm (OUTLINER40-67B2)						
OUTLINER 40 IP67 PENDANT (OUTLINER40-67P-1) H:150cm (OUTLINER40-67P2) H:300cm		RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m		27W / 53cm (27W053) 46.2W / 88.7cm (46W086) 54W / 103cm (54W103) 65.6W / 124.4cm (65W124) 81W / 153cm (81W153) 108W / 203cm (108W203)		
		RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m***		19.4W / 53cm (19W053) 31.2W / 83cm (31W083) 39W / 103cm (39W103) 46.8W / 123cm (47W123) 58.4W / 153cm (58W153) 78W / 203cm (78W203)		
		RGB (RGB94) 96LED/m		23W / 53cm (23W053) 40.2W / 90.5cm (40W091) 46W / 103cm (46W103) 54.6W / 121.7cm (55W122) 69W / 153cm (69W153) 92W / 203cm (92W203)		
		RGB (RGB80) 60LED/m***		14.4W / 53cm (14W053) 23.2W / 83cm (23W083) 29W / 103cm (29W103) 34.8W / 123cm (35W123) 43.4W / 153cm (43W153) 58W / 203cm (58W203)		
		RGB (RGB30) 30LED/m***		7.2W / 53cm (07W053) 11.4W / 83cm (11W083) 14.4W / 103cm (14W103) 17.2W / 123cm (17W123) 21.6W / 153cm (22W153) 28.8W / 203cm (29W203)		12VDC (12)

* Short term immersion protection.

** Available in other colours or/and power upon request.

*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.

Ordering Code Example: OUTLINER40-67B2-AN-RGB60-43W153-OP-24



SEAMLESS



Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length**	Type	Voltage
OUTLINER 40 SEAMLESS IP67 FIXED (OUTLINER40-67SF)	Anodized (AN) Marine Type (MT)	2000K (20)	>80 (80)	21W / 50,3cm (21W050)	Clear (CL)	24VDC (24)
		2500K (25)		35W / 83,7cm (35W084)	Opal (OP)	
		2700K (27)		42W / 100,3cm (42W100)		
		3000K (30)		49W / 117cm (49W117)		
		4000K (40)		63W / 150,3cm (63W150)		
OUTLINER 40 SEAMLESS IP67 FIXED ELEVATED (OUTLINER40-67SFE)		5700K (57)		84W / 200,3cm (84W200)		
		<i>RGBWW / RGBCW / RGB</i>				
OUTLINER 40 SEAMLESS IP67 SHORT BRACKET 6.5cm (OUTLINER40-67SB1)						
OUTLINER 40 SEAMLESS IP67 LONG BRACKET 11.5cm (OUTLINER40-67SB2)						
OUTLINER 40 SEAMLESS IP67 PENDANT (OUTLINE940-67SP1) H:150cm (OUTLINE940-67SP2) H:300cm		RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m		27W / 50,3cm (27W050) 46.2W / 86cm (46W086) 54W / 100,3cm (54W100) 65.6W / 121,7cm (65W122) 81W / 150,3cm (81W150) 108W / 200,3cm (108W200)		
		RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m****		19.4W / 50,3cm (19W050) 31.2W / 80,3cm (31W080) 39W / 100,3cm (39W100) 46.8W / 120,3cm (47W120) 58.4W / 150,3cm (58W150) 78W / 200,3cm (78W200)		
		RGB (RGB94) 96LED/m		23W / 50,3cm (23W050) 40.2W / 87,8cm (40W088) 46W / 100,3cm (46W100) 54.6W / 119cm (55W119) 69W / 150,3cm (69W150) 92W / 200,3cm (92W200)		
		RGB (RGB80) 60LED/m****		14.4W / 50,3cm (14W050) 23.2W / 80,3cm (23W080) 29W / 100,3cm (29W100) 34.8W / 120,3cm (35W120) 43.4W / 150,3cm (43W150) 58W / 200,3cm (58W200)		
		RGB (RGB30) 30LED/m****		7.2W / 50,3cm (07W050) 11.4W / 80,3cm (11W080) 14.4W / 100,3cm (14W100) 17.2W / 120,3cm (17W120) 21.6W / 150,3cm (22W150) 28.8W / 200,3cm (29W200)		12VDC (12)

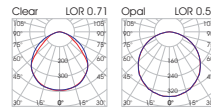
* Short term immersion protection.

** Available in other colours or/and power upon request.

*** Length without end caps for seamless installation (Add 3mm for each end cap).

**** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.

Ordering Code Example: OUTLINER40-67SB2-AN-RGB60-35W120-OP-24



OUTLINER 40 Recessed IP66



Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

RC IP66 / RC Seamless IP66:

- L90/B10 > 50000 h, 3 Step MacAdam.
- Ingress Protection: IP66

RC IP66:

- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

RC Seamless IP66:

- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours

Lighting management options:

On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Seamless IP66

RESIN material:

Ti - component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and EU European Directives.

EC - Directives 89/109 Contact with Food.

Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.

Thermal Shock - Heat - Abrasion

In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D5279

Marine Type features:

Powder Coating:

Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.

Exterior Durability:

Meets qualicoat class 2 requirements after 3 years Florida

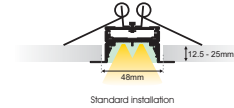
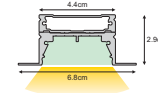
Meets AAMA 2604-13 requirements after 5 years Florida

High Resistance to:

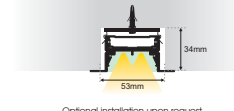
Weather, UV, Water and mould growth



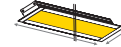
STANDARD



Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:

68 x 55,6/88,9/105,6/122,3/155,6/205,6cm

Cutting hole:

48 x 53,6/66,9/103,6/120,3/153,6/203,6cm

for RGBWW-RGBCW 84LED/m:

68 x 55,6/91,3/105,6/127/155,6/205,6cm

Cutting hole:

48 x 53,6/89,3/103,6/125/153,6/203,6cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:

68 x 55,6/85,6/105,6/125,6/155,6/205,6cm

Cutting hole:

48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

for RGB 94LED/m:

68 x 55,6/93,1/105,6/124,3/155,6/205,6cm

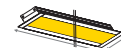
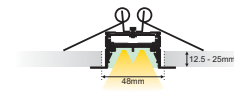
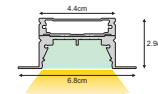
Cutting hole:

48 x 53,6/91,1/103,6/122,3/153,6/203,6cm

Note:

Cutting hole must be 20mm than the luminaire length.

SEAMLESS



Dimensions:

for Monochromatic, Tunable White:

68 x 53,3/86,7/103,3/120/153,3/203,3cm

Cutting hole:

48 x 51,3/84,7/101,3/118/151,3/201,3cm

for RGBWW-RGBCW 84LED/m:

68 x 53,3/89/103,3/124,7/153,3/203,3cm

Cutting hole:

48 x 51,3/87/101,3/122,7/151,3/201,3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:

68 x 53,3/83,3/103,3/123/153,3/203,3cm

Cutting hole:

48 x 51,3/81,3/101,3/121,3/151,3/201,3cm

for RGB 94LED/m:

68 x 53,3/90,8/103,3/122/153,3/203,3cm

Cutting hole:

48 x 51,3/88,8/101,3/120/151,3/201,3cm

Note:

Cutting hole must be 20mm shorter than the luminaire length.

Connectors



Input cable with IP68 connectors supplied as standard.



In-Out cables & IP68 connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)

CNC.013 4 pole connector (RGB)

CNC.053 5 pole connector (RGBW)

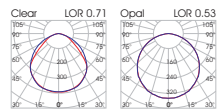




STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length**	Type	Voltage		
OUTLINER 40 IP66 Recessed <i>(OUTLINER 40 66RC)</i>	Anodized Marine type (MT)	2000K (20)	> 80 (80)	21W / 55.6cm (21W056)	Clear (CL)	24VDC (24)		
		2500K (25)		35W / 88.9cm (35W089)	Opal (OP)			
		2700K (27)		42W / 105.6cm (42W106)				
		3000K (30)		49W / 122.3cm (49W123)				
		4000K (40)		63W / 155.6cm (63W156)				
		5700K (57)		84W / 205.6cm (84W206)				
		TUNABLE WHITE						
		Colour Temperature	CRI	Watt / Length**				
		Tunable White 2700K-5700K (TW)	> 80 (80)	20W / 55.6cm (20W056) 33.3W / 88.9cm (33W089) 40W / 105.6cm (40W106) 46.7W / 122.3cm (47W122) 60W / 155.6cm (60W156) 80W / 205.6cm (80W206)				
		RGBWW / RGBCW / RGB						
Colour		Watt / Length**						
RGBWW (RGBWW)		27W / 55.6cm (27W056)						
RGBCW (RGBCW)		46.2W / 91.3cm (46W091)						
84LED/m		54W / 105.6cm (54W106) 65.6W / 127cm (66W127) 81W / 155.6cm (81W156) 108W / 205.6cm (108W206)						
RGBWW (RGBWW)		19.4W / 55.6cm (19W056)						
RGBCW (RGBCW)		31.2W / 85.6cm (31W086) 39W / 105.6cm (39W106) 46.8W / 125.6cm (47W126) 58.4W / 155.6cm (58W156) 78W / 205.6cm (78W206)						
RGB (RGB96)		23W / 55.6cm (23W056) 40.2W / 93.1cm (40W093) 46W / 105.6cm (46W106) 54.6W / 124.3cm (55W124) 69W / 155.6cm (69W156) 92W / 205.6cm (92W206)						
RGB (RGB50)		14.4W / 55.6cm (14W056) 23.2W / 85.6cm (23W086) 29W / 105.6cm (29W106) 34.8W / 125.6cm (35W126) 43.4W / 155.6cm (43W156) 58W / 205.6cm (58W206)						
RGB (RGB30)		7.2W / 55.6cm (7W056) 11.4W / 85.6cm (11W086) 14.4W / 105.6cm (14W106) 17.2W / 125.6cm (17W126) 21.6W / 155.6cm (22W156) 28.8W / 205.6cm (29W206)			12VDC (12)			



* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

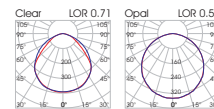
Ordering Code Example: *OUTLINER 40 66RC-AN-RGB60-35W126-OP-24*



SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length**	Type	Voltage		
OUTLINER 40 IP66 Recessed SEAMLESS <i>(OUTLINER 40 66RCS)</i>	Anodized Marine type (MT)	2000K (20)	> 80 (80)	21W / 50.3cm (21W050)	Clear (CL)	24VDC (24)		
		2500K (25)		35W / 83.7cm (35W084)	Opal (OP)			
		2700K (27)		42W / 100.3cm (42W103)				
		3000K (30)		49W / 117cm (49W117)				
		4000K (40)		63W / 150.3cm (63W150)				
		5700K (57)		84W / 200.3cm (84W200)				
		TUNABLE WHITE						
		Colour Temperature	CRI	Watt / Length**				
		Tunable White 2700K-5700K (TW)	> 80 (80)	20W / 50.3cm (20W050) 33.3W / 83.7cm (33W084) 40W / 100.3cm (40W100) 46.7W / 117cm (47W117) 60W / 150.3cm (60W150) 80W / 200.3cm (80W200)				
		RGBWW / RGBCW / RGB						
Colour		Watt / Length**						
RGBWW (RGBWW)		27W / 50.3cm (27W050)						
RGBCW (RGBCW)		46.2W / 86cm (46W086)						
84LED/m		54W / 100.3cm (54W100) 65.6W / 121.7cm (66W122) 81W / 150.3cm (81W150) 108W / 200.3cm (108W200)						
RGBWW (RGBWW)		19.4W / 50.3cm (19W050)						
RGBCW (RGBCW)		31.2W / 80.3cm (31W080) 39W / 100.3cm (39W100) 46.8W / 120.3cm (47W120) 58.4W / 150.3cm (58W150) 78W / 200.3cm (78W200)						
RGB (RGB96)		23W / 50.3cm (23W050) 40.2W / 87.8cm (40W088) 46W / 100.3cm (46W100) 54.6W / 119cm (55W119) 69W / 150.3cm (69W150) 92W / 200.3cm (92W200)						
RGB (RGB40)		14.4W / 50.3cm (14W050) 23.2W / 80.3cm (23W080) 29W / 100.3cm (29W100) 34.8W / 120.3cm (35W120) 43.4W / 150.3cm (43W150) 58W / 200.3cm (58W200)						
RGB (RGB30)		7.2W / 50.3cm (7W050) 11.4W / 80.3cm (11W080) 14.4W / 100.3cm (14W100) 17.2W / 120.3cm (17W120) 21.6W / 150.3cm (22W150) 28.8W / 200.3cm (29W200)			12VDC (12)			



* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.
*** Length without end caps for seamless installation (Add 15mm for each end cap).

Ordering Code Example: *OUTLINER 40 66RCS-AN-RGB60-35W120-OP-24*



OUTLINER 30 IP67



Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours



Seamless IP67

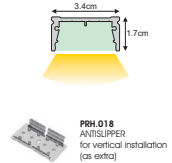
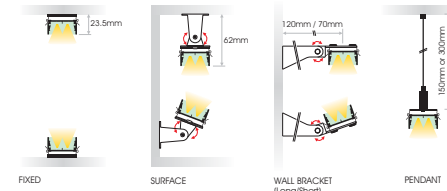
RESIN material:
16- component polyurethane, transparent or translucent for homogeneous light dispersion.
Fully compliance with: REACH, RoHS and EUV European Directives.
EC - Directives 89/109 Contact with Food.
Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.
Thermal Shock - Heat - Abrasion
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1 044, CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

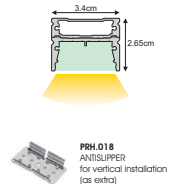
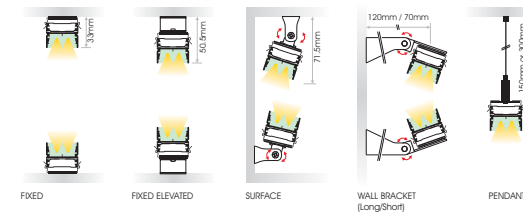


OUTLINER 30 IP67

STANDARD



SEAMLESS



Connectors



Input cable with IP68 connectors supplied as standard.



In-Out cables & IP68 connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

- CNC.009** 2 pole connector (monochromic)
- CNC.013** 4 pole connector (RGB)
- CNC.053** 5 pole connector (RGBW)





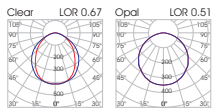
STANDARD



Model*	Luminaire Colour**	Colour Temperature	CRI	Waft** / Length	Type	Voltage
OUTLINER 30 IP67 FIXED <i>(OUTLINER30-67F)</i>	Anodized (AN) Marine Type (MT)	2000K (20)	> 80 (80)	21W / 53cm (21W053)	Clear (CL) Opal (OP)	24VDC (24)
		2500K (25)	35W / 86,3cm (35W086)			
		2700K (27)	42W / 103cm (42W103)			
		3000K (30)	49W / 119,7cm (49W120)			
		4000K (40)	63W / 153cm (63W153)			
OUTLINER 30 IP67 SURFACE <i>(OUTLINER30-67S)</i>		5700K (57)	84W / 203cm (84W203)			
		<i>RGBWW / RGBCW / RGB</i>				
OUTLINER 30 IP67 SHORT BRACKET 7cm <i>(OUTLINER30-67B1)</i>		<i>RGBWW / RGBCW / RGB</i>				
		<i>Colour</i> <i>Waft / Length</i>				
OUTLINER 30 IP67 LONG BRACKET 12cm <i>(OUTLINER30-67B2)</i>		RGBWW (RGBWW)		27W / 53cm (27W053)		
		RGBCW (RGBCW)		46.2W / 88,7cm (46W089)		
OUTLINER 30 IP67 PENDANT <i>(OUTLINER30-67P-1) H:150cm</i> <i>(OUTLINER30-67P2) H:300cm</i>		84LED/m		54W / 103cm (54W103)		
				65.6W / 124,4cm (66W124)		
				81W / 153cm (81W153)		
				108W / 203cm (108W203)		
		RGBWW (RGBWW)		19.4W / 53cm (19W053)		
		RGBCW (RGBCW)		31.2W / 83cm (31W083)		
		60LED/m***		39W / 103cm (39W103)		
				46.8W / 123cm (47W123)		
				58.4W / 153cm (58W153)		
				78W / 203cm (78W203)		
		RGB (RGB6)		23W / 53cm (23W053)		
		96LED/m		40.2W / 90,5cm (40W091)		
				48W / 103cm (48W103)		
				54.6W / 121,7cm (55W122)		
				69W / 153cm (69W153)		
				92W / 203cm (92W203)		
		RGB (RGB60)		14.4W / 53cm (14W053)		
		60LED/m***		23.2W / 83cm (23W083)		
				29W / 103cm (29W103)		
				34.8W / 123cm (35W123)		
				43.4W / 153cm (43W153)		
				58W / 203cm (58W203)		
		RGB (RGB30)		7.2W / 53cm (07W053)		12VDC (12)
		30LED/m***		11.4W / 83cm (11W083)		
				14.4W / 103cm (14W103)		
				17.2W / 123cm (17W123)		
				21.6W / 153cm (22W153)		
				28.8W / 203cm (29W203)		

* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-67B2-AN-RGB60-43W153-CP-24*



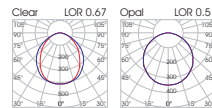
SEAMLESS



Model*	Luminaire Colour**	Colour Temperature	CRI	Waft** / Length***	Type	Voltage
OUTLINER 30 SEAMLESS IP67 FIXED <i>(OUTLINER30-67SF)</i>	Anodized (AN) Marine Type (MT)	2000K (20)	> 80 (80)	21W / 50,3cm (21W050)	Clear (CL) Opal (OP)	24VDC (24)
		2500K (25)	35W / 83,7cm (35W084)			
		2700K (27)	42W / 100,3cm (42W100)			
		3000K (30)	49W / 117,7cm (49W117)			
		4000K (40)	63W / 150,3cm (63W150)			
OUTLINER 30 SEAMLESS IP67 FIXED ELEVATED <i>(OUTLINER30-67SFE)</i>		5700K (57)	84W / 200,3cm (84W200)			
		<i>RGBWW / RGBCW / RGB</i>				
OUTLINER 30 SEAMLESS IP67 SURFACE <i>(OUTLINER30-67SS)</i>		<i>RGBWW / RGBCW / RGB</i>				
		<i>Colour</i> <i>Waft** / Length***</i>				
OUTLINER 30 SEAMLESS IP67 SHORT BRACKET 6.5cm <i>(OUTLINER30-67SB1)</i>		RGBWW (RGBWW)		27W / 50,3cm (27W050)		
		RGBCW (RGBCW)		46.2W / 86cm (46W086)		
OUTLINER 30 SEAMLESS IP67 LONG BRACKET 11.5cm <i>(OUTLINER30-67SB2)</i>		84LED/m		54W / 100,3cm (54W100)		
				65.6W / 121,7cm (66W122)		
				81W / 150,3cm (81W150)		
				108W / 200,3cm (108W200)		
		RGBWW (RGBWW)		19.4W / 50,3cm (19W050)		
		RGBCW (RGBCW)		31.2W / 80,3cm (31W080)		
		60LED/m****		39W / 100,3cm (39W100)		
				46.8W / 120,3cm (47W120)		
				58.4W / 150,3cm (58W150)		
				78W / 200,3cm (78W200)		
		RGB (RGB6)		23W / 50,3cm (23W050)		
		96LED/m		40.2W / 87,8cm (40W088)		
				48W / 100,3cm (48W100)		
				54.6W / 119cm (55W119)		
				69W / 150,3cm (69W150)		
				92W / 200,3cm (92W200)		
		RGB (RGB60)		14.4W / 50,3cm (14W050)		
		60LED/m****		23.2W / 80,3cm (23W080)		
				29W / 100,3cm (29W100)		
				34.8W / 120,3cm (35W120)		
				43.4W / 150,3cm (43W150)		
				58W / 200,3cm (58W200)		
		RGB (RGB30)		7.2W / 50,3cm (07W050)		12VDC (12)
		30LED/m****		11.4W / 80,3cm (11W080)		
				14.4W / 100,3cm (14W100)		
				17.2W / 120,3cm (17W120)		
				21.6W / 150,3cm (22W150)		
				28.8W / 200,3cm (29W200)		

* IP67: Short term immersion protection.
** Available in other colours or/and power upon request.
*** Length without end caps for seamless installation (Add 2mm for each end cap).
**** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

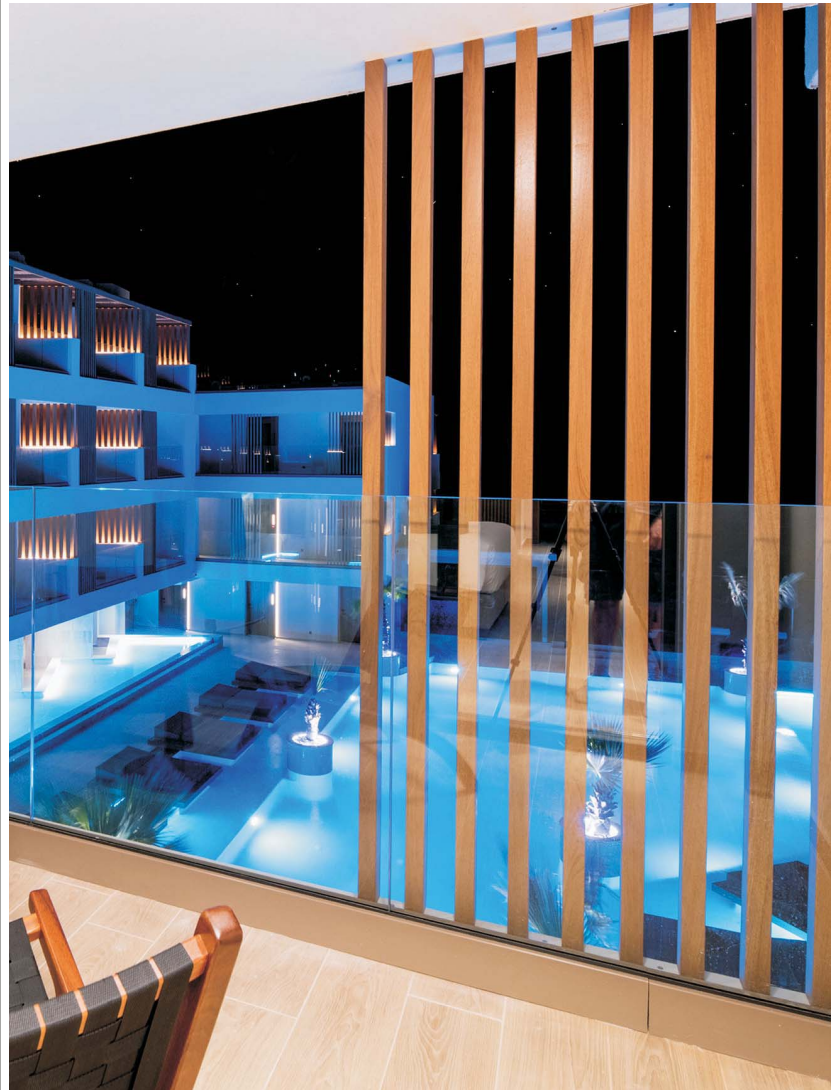
Ordering Code Example: *OUTLINER30-67SS-AN-RGB60-35W120-CP-24*





Akasha Beach Hotel & Spa, Crete, Greece
schema|architects

AWARD:
BIGSEE Interior Design AWARD 2022 Winner



OUTLINER 20 IP67



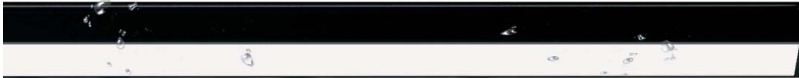
Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512)/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours



Seamless IP67

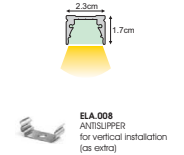
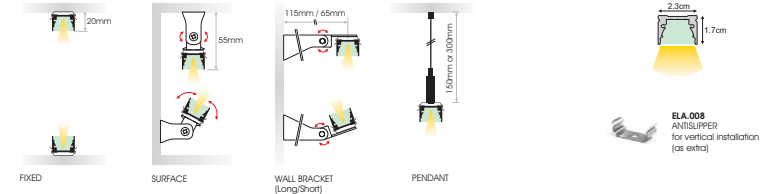
RESIN material:
15- component polyurethane, transparent or translucent for homogeneous light dispersion.
Fully compliance with: REACH, RoHS and EUV European Directives.
EC - Directives 89/109 Contact with Food.
Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.
Thermal Shock - Heat - Abrasion
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

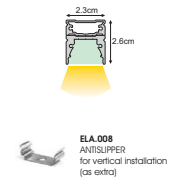
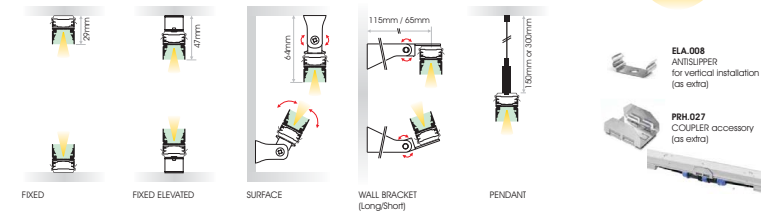


OUTLINER 20 IP67

STANDARD



SEAMLESS



Connectors



Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)
CNC.009 2 pole connector (monochromic)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)





STANDARD



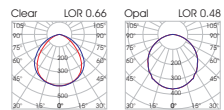
Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage	
OUTLINER 20 IP67 FIXED (OUTLINER20-67F)	Anodized Marine Type (AN) (MT)	2000K (20)	>80 (80)	10.5W / 53cm (11W053)	Clear (CL) (CP)	24VDC (24)	
		2500K (25)	17.5W / 86.3cm (18W086)				
		2700K (27)	21W / 103cm (21W103)				
		3000K (30)	24.5W / 119.7cm (25W120)				
		4000K (40)	31.5W / 153cm (32W153)				
OUTLINER 20 IP67 SURFACE (OUTLINER20-67S)		5700K (57)		42W / 203cm (42W203)			
		OUTLINER 20 IP67 SHORT BRACKET 6.5cm (OUTLINER20-67B1)					
		OUTLINER 20 IP67 LONG BRACKET 11.5cm (OUTLINER20-67B2)					
		OUTLINER 20 IP67 PENDANT (OUTLINER20-67P1) H:150cm (OUTLINER20-67P2) H:300cm					
<i>RGBWW / RGBCW / RGB</i>							
		Colour		Watt / Length			
RGBWW RGBCW 84LED/m	(RGBWW)			13.5W / 53cm (14W053)			
	(RGBCW)			23.1W / 88.7cm (23W089)			
				27W / 103cm (27W103)			
RGB 96LED/m	(RGB)			32.8W / 124.4cm (33W124)			
				40.5W / 153cm (41W153)			
				54W / 203cm (54W203)			
RGBWW RGBCW 60LED/m***	(RGBWW)			9.7W / 53cm (10W053)			
	(RGBCW)			15.6W / 83cm (16W083)			
				19.5W / 103cm (20W103)			
RGB 60LED/m***	(RGB)			23.4W / 120.3cm (23W120)			
				29.2W / 153cm (29W153)			
				39W / 203cm (39W203)			
RGB 96LED/m	(RGB)			11.5W / 53cm (12W053)			
				20.1W / 90.5cm (20W091)			
				23W / 103cm (23W103)			
RGB 60LED/m***	(RGB)			27.3W / 121.7cm (27W122)			
				34.5W / 153cm (35W153)			
				46W / 203cm (46W203)			
RGB 60LED/m***	(RGB)			7.2W / 53cm (07W053)			
				11.6W / 83cm (12W083)			
				14.5W / 103cm (15W103)			
RGB 30LED/m***	(RGB)			17.4W / 123cm (17W123)			
				21.7W / 153cm (22W153)			
				29W / 203cm (29W203)			
RGB 30LED/m***	(RGB)			3.6W / 53cm (04W053)		12VDC (12)	
				5.7W / 83cm (06W083)			
				7.2W / 103cm (07W103)			
RGB 30LED/m***	(RGB)			8.6W / 123cm (09W123)			
				10.8W / 153cm (11W153)			
				14.4W / 203cm (14W203)			

** Short term immersion protection.

** Available in other colours or/and power upon request.

*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER20 67B2-AN-RGB60-22W153-OP-24



SEAMLESS



Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length***	Type	Voltage	
OUTLINER 20 SEAMLESS IP67 FIXED (OUTLINER20-67SF)	Anodized Marine Type (AN) (MT)	2000K (20)	>80 (80)	10.5W / 50,3cm (11W050)	Clear (CL) (CP)	24VDC (24)	
		2500K (25)	17.5W / 83.7cm (18W084)				
		2700K (27)	21W / 100,3cm (21W100)				
		3000K (30)	24.5W / 117cm (25W117)				
		4000K (40)	31.5W / 150,3cm (32W150)				
OUTLINER 20 SEAMLESS IP67 FIXED ELEVATED (OUTLINER20-67SFE)		5700K (57)		42W / 200,3cm (42W200)			
		OUTLINER 20 SEAMLESS IP67 SURFACE (OUTLINER20-67SS)					
		OUTLINER 20 SEAMLESS IP67 SHORT BRACKET 6.5cm (OUTLINER20-67SB1)					
		OUTLINER 20 SEAMLESS IP67 LONG BRACKET 11.5cm (OUTLINER20-67SB2)					
<i>RGBWW / RGBCW / RGB</i>							
		Colour		Watt** / Length***			
RGBWW RGBCW 84LED/m	(RGBWW)			13.5W / 50,3cm (14W050)			
	(RGBCW)			23.1W / 86cm (23W086)			
				27W / 100,3cm (27W100)			
RGB 96LED/m	(RGB)			32.8W / 121,7cm (33W122)			
				40.5W / 150,3cm (41W150)			
				54W / 200,3cm (54W200)			
RGBWW RGBCW 60LED/m****	(RGBWW)			9.7W / 50,3cm (10W050)			
	(RGBCW)			15.6W / 80,3cm (16W080)			
				19.5W / 100,3cm (20W100)			
RGB 60LED/m****	(RGB)			23.4W / 120,3cm (23W120)			
				29.2W / 150,3cm (29W150)			
				39W / 200,3cm (39W200)			
RGB 96LED/m	(RGB)			11.5W / 50,3cm (12W050)			
				20.1W / 87,8cm (20W088)			
				23W / 100,3cm (23W100)			
RGB 60LED/m****	(RGB)			27.3W / 119cm (27W119)			
				34.5W / 150,3cm (35W150)			
				46W / 200,3cm (46W200)			
RGB 60LED/m****	(RGB)			7.2W / 50,3cm (07W050)			
				11.6W / 80,3cm (12W080)			
				14.5W / 100,3cm (15W100)			
RGB 30LED/m****	(RGB)			17.4W / 120,3cm (17W120)			
				21.7W / 150,3cm (22W150)			
				29W / 200,3cm (29W200)			
RGB 30LED/m****	(RGB)			3.6W / 50,3cm (04W050)		12VDC (12)	
				5.7W / 80,3cm (06W080)			
				7.2W / 100,3cm (07W100)			
RGB 30LED/m****	(RGB)			8.6W / 120,3cm (09W120)			
				10.8W / 150,3cm (11W150)			
				14.4W / 200,3cm (14W200)			

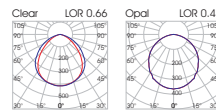
** Short term immersion protection.

** Available in other colours or/and power upon request.

*** Length without end caps for seamless installation (Add 3mm for each end cap).

**** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER20-67SS-AN-RGB60-17W120-OP-24





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



River West Gateway, Athens, Greece
Lighting Design: Malina Magkara
Photo: Gavril Pappadatos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

OUTLINER 20 Recessed IP66



Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

RC IP66 / RC Seamless IP66:

- L90/B10 > 50000 h, 3 Step MacAdam.
- Ingress Protection: IP66

RC IP66:

- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

RC Seamless IP66:

- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours

Lighting management options:

On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Seamless IP67

RESIN material:

Ti- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and EU European Directives.

EC – Directives 89/109 Contact with Food.

Outdoor – Chemicals – Short term water immersion – Hot water.

Thermal Shock – Heat – Abrasion

In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87.

USAF test ASTM D1944, CROCKMETER test ASTM D6279

Marine Type features:

Powder Coating:

Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly SS5496), EN13438 (formerly SS6497:1984) and AAMA 2604.

Exterior Durability:

Meets qualicoat class 2 requirements after 5 years Florida

Meets AAMA 2604-13 requirements after 5 years Florida

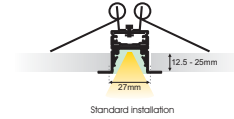
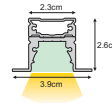
High Resistance to:

Weather, UV, Water and mould growth

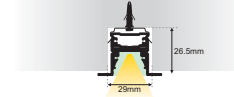


OUTLINER 20 Recessed IP66

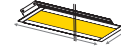
STANDARD



Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
39 x 54,6/87,9/104,6/121,3/154,6/204,6cm
Cutting hole:
27x 52,6/85,9/102,6/119,3/152,6/202,6cm

for RGBWW-RGBCW 84LED/m:
39 x 54,6/90,3/104,6/120,1/154,6/204,6cm
Cutting hole:
27 x 52,6/88,3/102,6/124/153,6/202,6cm

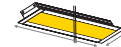
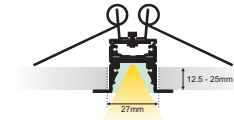
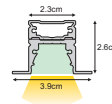
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 54,6/84,6/104,6/124,6/154,6/204,6cm
Cutting hole:
27 x 52,6/82,6/102,6/122,6/152,6/202,6cm

for RGB 94LED/m:
39 x 54,6/92,1/104,6/123,3/154,6/204,6cm
Cutting hole:
27 x 52,6/90,1/102,6/121,3/152,6/202,6cm



Note:
Cutting hole must be 10mm shorter than the luminaire length.

SEAMLESS



Dimensions:

for Monochromatic, Tunable White:
39 x 52,3/85,7/102,3/119/152,3/202,3cm
Cutting hole:
27 x 50,3/83,7/100,3/117/150,3/200,3cm

for RGBWW-RGBCW 84LED/m:
39 x 52,3/88/102,3/123,7/152,3/202,3cm
Cutting hole:
27 x 50,3/86/100,3/121,7/150,3/200,3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 52,3/82,3/102,3/122,3/152,3/202,3cm
Cutting hole:
27 x 50,3/80,3/100,3/120,3/150,3/200,3cm

for RGB 94LED/m:
39 x 52,3/89,8/102,3/121/152,3/202,3cm
Cutting hole:
27 x 50,3/87,8/100,3/119/150,3/200,3cm



Note:
Cutting hole must be 10mm shorter than the luminaire length.

Connectors



Input cable with IP68 connectors supplied as standard.



In-Out cables & IP68 connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)

CNC.013 4 pole connector (RGB)

CNC.053 5 pole connector (RGBW)

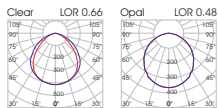


STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length	Type	Voltage		
OUTLINER 20 IP66 Recessed <i>(OUTLINER 20 66RC)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	>80 <i>(80)</i>	10.5W / 54.6cm <i>(11W055)</i>	Clear <i>(CL)</i> Opal <i>(OP)</i>	24VDC <i>(24)</i>		
	Marine Type <i>(MT)</i>	2500K <i>(25)</i>		17.5W / 87.9cm <i>(18W088)</i>				
		2700K <i>(27)</i>		21W / 104.6cm <i>(21W105)</i>				
		3000K <i>(30)</i>		24.5W / 121.3cm <i>(25W121)</i>				
		4000K <i>(40)</i>		31.5W / 154.6cm <i>(32W155)</i>				
		5700K <i>(57)</i>		42W / 204.6cm <i>(42W205)</i>				
	TUNABLE WHITE							
	Colour Temperature		CRI	Watt / Length				
	Tunable White 2700K-5700K <i>(TW)</i>		>80 <i>(80)</i>	10W / 54.6cm <i>(10W055)</i> 16.7W / 87.9cm <i>(17W088)</i> 20W / 104.6cm <i>(20W105)</i> 23.4W / 121.3cm <i>(23W121)</i> 30W / 154.6cm <i>(30W155)</i> 40W / 204.6cm <i>(40W205)</i>				
	RGBWW / RGBCW / RGB							
Colour			Watt / Length					
RGBWW <i>(RGBWW)</i>			13.5W / 54.6cm <i>(14W055)</i>					
RGBCW <i>(RGBCW)</i>			23.1W / 90.3cm <i>(23W090)</i>					
84LED/m			27W / 104.6cm <i>(27W105)</i> 32.8W / 12cm <i>(33W126)</i> 40.5W / 154.6cm <i>(41W155)</i> 54W / 204.6cm <i>(54W205)</i>					
RGBWW <i>(RGBWW)</i>			9.7W / 54.6cm <i>(10W055)</i>					
RGBCW <i>(RGBCW)</i>			15.6W / 84.6cm <i>(16W085)</i> 19.5W / 104.6cm <i>(20W105)</i> 23.4W / 124.6cm <i>(23W125)</i> 29.2W / 154.6cm <i>(29W155)</i> 39W / 204.6cm <i>(39W205)</i>					
RGB <i>(RGB96)</i>			11.5W / 54.6cm <i>(11W055)</i> 20.1W / 92.1cm <i>(20W092)</i> 23W / 104.6cm <i>(23W105)</i> 27.3W / 123.3cm <i>(27W123)</i> 34.5W / 154.6cm <i>(35W155)</i> 46W / 204.6cm <i>(46W205)</i>					
RGB <i>(RGB60)</i>			7.2W / 54.6cm <i>(07W055)</i> 11.6W / 84.6cm <i>(12W085)</i> 14.5W / 104.6cm <i>(15W105)</i> 17.4W / 124.6cm <i>(17W125)</i> 21.7W / 154.6cm <i>(22W155)</i> 29W / 204.6cm <i>(29W205)</i>					
RGB <i>(RGB30)</i>			3.6W / 54.6cm <i>(04W055)</i> 5.7W / 84.6cm <i>(06W085)</i> 7.2W / 104.6cm <i>(07W105)</i> 8.6W / 124.6cm <i>(09W125)</i> 10.8W / 154.6cm <i>(11W155)</i> 14.4W / 204.6cm <i>(14W205)</i>		12VDC <i>(12)</i>			

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



Ordering Code Example: OUTLINER 20 66RC-AN-RGB60-17W125-OP-24

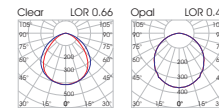


SEAMLESS



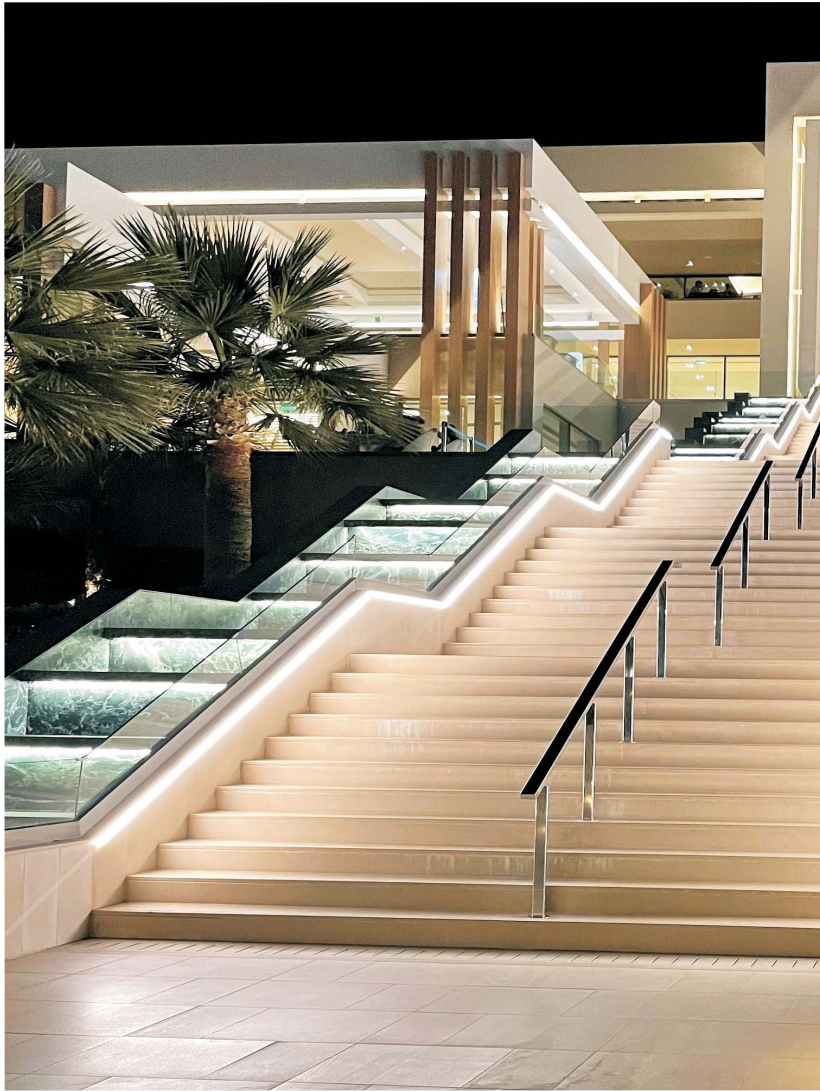
Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage		
OUTLINER 20 IP66 Recessed SEAMLESS <i>(OUTLINER 20 66RCS)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	>80 <i>(80)</i>	10.5W / 50.3cm <i>(11W055)</i>	Clear <i>(CL)</i> Opal <i>(OP)</i>	24VDC <i>(24)</i>		
	Marine Type <i>(MT)</i>	2500K <i>(25)</i>		17.5W / 83.7cm <i>(18W084)</i>				
		2700K <i>(27)</i>		21W / 100.3cm <i>(21W100)</i>				
		3000K <i>(30)</i>		24.5W / 117cm <i>(25W117)</i>				
		4000K <i>(40)</i>		31.5W / 150.3cm <i>(32W150)</i>				
		5700K <i>(57)</i>		42W / 200.3cm <i>(42W200)</i>				
	TUNABLE WHITE							
	Colour Temperature		CRI	Watt / Length***				
	Tunable White 2700K-5700K <i>(TW)</i>		>80 <i>(80)</i>	10W / 50.3cm <i>(10W055)</i> 16.7W / 83.7cm <i>(17W084)</i> 20W / 100.3cm <i>(20W100)</i> 23.4W / 117cm <i>(23W117)</i> 30W / 150.3cm <i>(30W150)</i> 40W / 200.3cm <i>(40W200)</i>				
	RGBWW / RGBCW / RGB							
Colour			Watt / Length***					
RGBWW <i>(RGBWW)</i>			13.5W / 50.3cm <i>(14W050)</i>					
RGBCW <i>(RGBCW)</i>			23.1W / 86cm <i>(23W086)</i>					
84LED/m			27W / 100.3cm <i>(27W100)</i> 32.8W / 121.7cm <i>(33W122)</i> 40.5W / 150.3cm <i>(41W150)</i> 54W / 200.3cm <i>(54W200)</i>					
RGBWW <i>(RGBWW)</i>			9.7W / 50.3cm <i>(10W050)</i>					
RGBCW <i>(RGBCW)</i>			15.6W / 80.3cm <i>(16W080)</i> 19.5W / 100.3cm <i>(20W100)</i> 23.4W / 120.3cm <i>(23W120)</i> 29.2W / 150.3cm <i>(29W150)</i> 39W / 200.3cm <i>(39W200)</i>					
RGB <i>(RGB96)</i>			11.5W / 50.3cm <i>(11W050)</i> 20.1W / 87.8cm <i>(20W088)</i> 23W / 100.3cm <i>(23W100)</i> 27.3W / 119cm <i>(27W119)</i> 34.5W / 150.3cm <i>(35W150)</i> 46W / 200.3cm <i>(46W200)</i>					
RGB <i>(RGB60)</i>			7.2W / 50.3cm <i>(07W050)</i> 11.6W / 80.3cm <i>(12W080)</i> 14.5W / 100.3cm <i>(15W100)</i> 17.4W / 120.3cm <i>(17W120)</i> 21.7W / 150.3cm <i>(22W150)</i> 29W / 200.3cm <i>(29W200)</i>					
RGB <i>(RGB30)</i>			3.6W / 50.3cm <i>(04W050)</i> 5.7W / 80.3cm <i>(06W080)</i> 7.2W / 100.3cm <i>(07W100)</i> 8.6W / 120.3cm <i>(09W120)</i> 10.8W / 150.3cm <i>(11W150)</i> 14.4W / 200.3cm <i>(14W200)</i>		12VDC <i>(12)</i>			

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.
*** Length without end caps for seamless installation (Add 15mm for each end cap).



Ordering Code Example: OUTLINER 20 66RCS-AN-RGB60-17W120-OP-24





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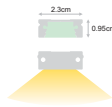
Mayia Exclusive Resort & Spa, Rhodes, Greece

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ELECSIA IP67

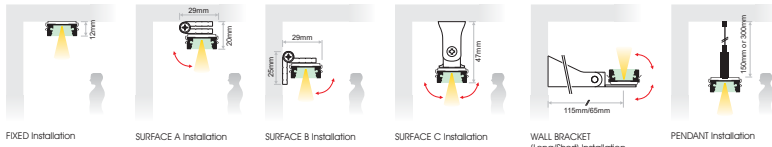
- ELECSIA IP67 is a custom made linear luminaire available in standard and custom lengths upon request.
- Ensures uniformity and colour consistency of the lighting output.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options (fixed, surface or pendant).
- Long & Short bracket accessory for wall installation.
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 >50.000h (for monochromatic models).
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



L90/B10 >50.000h
for monochromatic models

Available upon request:
✓ Custom dimensions
✓ Custom luminaire colours



FIXED Installation SURFACE A Installation SURFACE B Installation SURFACE C Installation WALL BRACKET (Long/Short) Installation PENDANT Installation



ELA 008
Antislipper for vertical installation (as extra)



Input cable with IP68 connector (as standard)



Input & Output cables with IP68 connector (as extra)

RESIN material:
Tri-component polyurethane, transparent or translucent for homogeneous light dispersion.
Fully compliance with: REACH, RoHS and EU European Directives.
EC - Directives 89/109 Contact with Food.
Resistance to:
Outdoor - Chemicals - Short term water immersion - Hot water.
Thermal Shock - Heat - Abrasion
In accordance to:
Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of G28 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth



ELECSIA IP67



Model*	Luminaire Colour**	Colour Temperature	CRI	Watt / Length	Type	Voltage
ELECSIA IP67 FIXED (ELECSIA 67F)	Anodized (AN) Marine Type (MT)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80)	10.5W / 53cm (11W/053) 17.5W / 86.3cm (18W/086) 21W / 103cm (21W/103) 24.5W / 119.3cm (25W/1193) 31.5W / 153cm (32W/153) 42W / 203cm (42W/203)	Clear (CL) Opal (OP)	24VDC (24)
ELECSIA IP67 SURFACE A (ELECSIA 67SA)						
ELECSIA IP67 SURFACE B (ELECSIA 67SB)						
ELECSIA IP67 SURFACE C (ELECSIA 67SC)						
ELECSIA IP67 SHORT BRACKET 6.5cm (ELECSIA 67B1)						
ELECSIA IP67 LONG BRACKET 11.5cm (ELECSIA 67B2)						
ELECSIA IP67 PENDANT (ELECSIA 67P1) H:150cm (ELECSIA 67P2) H:300cm						
<i>RGBWW / RGBCW / RGB</i>						
		Colour		Watt / Length		
		RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m		13.5W / 53cm (14W/053) 23.1W / 88.7cm (23W/089) 27W / 103cm (27W/103) 32.8W / 124.4cm (33W/124) 40.5W / 153cm (41W/153) 54W / 203cm (54W/203)		
		RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m***		9.7W / 53cm (10W/053) 15.6W / 83cm (16W/083) 19.5W / 103cm (20W/103) 23.4W / 123cm (23W/123) 29.2W / 153cm (29W/153) 39W / 203cm (39W/203)		
		RGB (RGB) 96LED/m		11.5W / 53cm (12W/053) 20.1W / 90.5cm (20W/091) 23W / 103cm (23W/103) 27.3W / 121.7cm (27W/122) 34.5W / 153cm (35W/153) 46W / 203cm (46W/203)		
		RGB (RGB) 60LED/m***		7.2W / 53cm (07W/053) 11.6W / 83cm (12W/083) 14.5W / 103cm (15W/103) 17.4W / 123cm (17W/123) 21.7W / 153cm (22W/153) 29W / 203cm (29W/203)		
		RGB (RGB) 30LED/m***		3.6W / 53cm (04W/053) 5.7W / 83cm (06W/083) 7.2W / 103cm (07W/103) 8.6W / 123cm (09W/123) 10.8W / 153cm (11W/153) 14.4W / 203cm (14W/203)		12VDC (12)

* Short term Immersion protection.
** Available in other colours or/and power upon request.

Ordering Code Example: ELECSIA 67B2-AN-RGB60-22W153-OP-24



MIDI U IP67



- MIDI U IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-cable cables & connectors upon request as extra.
- L90/B10 > 50.000h
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 > 50.000h
for monochromatic models

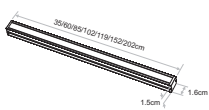
Available upon request:
✓ Custom dimensions
✓ Custom luminaire colours



Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
MIDI U IP67 <i>(MIDI U 67)</i>	Anodized (AN)	2000K (20)	Clear (CL)	7W / 35cm (07W035)	24VDC (24)
	Marine Type (MT)	2500K (25)	Opal (OP)	12.2W / 60cm (12W060)	
		2700K (27)		17.5W / 85cm (17W085)	
		3000K (30)		21W / 102cm (21W102)	
		4000K (40)		24.5W / 119cm (24W119)	
		5700K (57)		31.5W / 152cm (31W152) 42W / 202cm (42W202)	

* IP67: Short term immersion protection

Ordering Code Example: MIDI U 67-AN-40-OP-31W152-24



Input cable with IP68 connectors (as standard)



RESIN material:

Tri-component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and EU European Directives.

EC - Directive 89/109 Contact with Food.

Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.

Thermal Shock - Heat - Abrasion

In accordance to: Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

Marine Type features:

Powder Coating:

Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN12206 (formerly 856-496), EN13438 (formerly 856-497-1984) and AAMA 2604.

Exterior Durability:

Meets qualification class 2 requirements after 3 years Florida

Meets AAMA 2604-13 requirements after 5 years Florida

High Resistance to:

Weather, UV, Water and mould growth

LUMITUBE IP67 / IP68



- LUMITUBE is a custom made linear luminaire available in standard or custom lengths.
- Cable gland and end cap components: Nickel plated brass for IP67 and INOX-316 for IP68.
- Tube: PMMA
- L90/B10 50.000h
- Ingress Protection: available in IP67 and IP68.

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

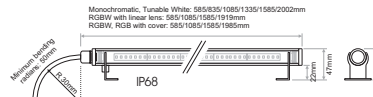
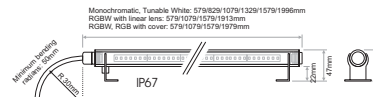
L90/B10 50.000h



Available upon request:
✓ Custom dimensions



Inox Holders (Left-Right) (as standard)



Input cable with IP68 connectors (as standard)



Input cable with IP68 connectors (as standard)

LUMITUBE IP67 / IP68



LUMITUBE IP67

LIGHTSOURCE BY
NICHIA
for Monochromatic



Model	Colour Temperature	CRI	Beam Angle	Watt / Length	Voltage
LUMITUBE IP67* <i>(LUMITUBE IP67)</i>	2000K (20)	80+ (80)	16° Linear lens (16L)	10.5W / 57.9cm (11W058)	24VDC (24)
	2500K (25)		35° Linear lens (35L)	15.8W / 82.9cm (16W083)	
	2700K (27)		55° Linear lens (55L)	21W / 107.9cm (21W108)	
	3000K (30)		100° Frosted Cover (100F)	26.3W / 132.9cm (26W133)	
	4000K (40)		100° Clear Cover (100C)	31.5W / 157.9cm (32W158)	
5700K (57)	110° Milky Cover (110M)	40.3W / 199.6cm (40W200)			
TUNABLE WHITE Tunable White 2700K~5700K (TW)		80+ (80)	16° Linear lens (16L)	10W / 57.9cm (10W058)	
			35° Linear lens (35L)	15W / 82.9cm (15W083)	
			55° Linear lens (55L)	20W / 107.9cm (20W108)	
			100° Frosted Cover (100F)	25W / 132.9cm (25W133)	
			100° Clear Cover (100C)	30W / 157.9cm (30W158)	
110° Milky Cover (110M)	38.3W / 199.6cm (38W200)				
RGBW RGBW with linear lens (RGBW)			16° Linear lens (16L)	7.5W / 57.9cm (08W058)	
			35° Linear lens (35L)	15W / 107.9cm (15W108)	
			55° Linear lens (55L)	22.5W / 157.9cm (23W158) 27.5W / 191.3cm (28W192)	
RGBW RGBW with cover (RGBW)			100° Frosted Cover (100F)	9.8W / 57.9cm (10W058)	
			100° Clear Cover (100C)	19.5W / 107.9cm (20W108)	
			110° Milky Cover (110M)	29.5W / 157.9cm (30W158) 37.1W / 197.9cm (37W198)	
RGB RGB with cover (RGB)			100° Frosted Cover (100F)	7.3W / 57.9cm (07W058)	
			100° Clear Cover (100C)	14.5W / 107.9cm (15W108)	
			110° Milky Cover (110M)	21.8W / 157.9cm (22W158) 27.6W / 197.9cm (28W198)	

* IP67: Short term immersion protection

Ordering Code Example:
LUMITUBE IP67-TW-80-100C-15W083-24

LUMITUBE IP67 / IP68



LUMITUBE IP68

LIGHTSOURCE BY
NICHIA
for Monochromatic



Model	Colour Temperature	CRI	Beam Angle	Watt / Length	Voltage
LUMITUBE IP68 <i>(LUMITUBE IP68)</i>	2000K (20)	80+ (80)	16° Linear lens (16L)	10.5W / 58.5cm (11W059)	24VDC (24)
	2500K (25)		35° Linear lens (35L)	15.8W / 83.5cm (16W084)	
	2700K (27)		55° Linear lens (55L)	21W / 108.5cm (21W109)	
	3000K (30)		100° Frosted Cover (100F)	26.3W / 133.5cm (26W134)	
	4000K (40)		100° Clear Cover (100C)	31.5W / 158.5cm (32W156)	
5700K (57)	110° Milky Cover (110M)	40.3W / 200.2cm (40W200)			
TUNABLE WHITE Tunable White 2700K~5700K (TW)		80+ (80)	16° Linear lens (16L)	10W / 58.5cm (10W059)	
			35° Linear lens (35L)	15W / 83.5cm (15W084)	
			55° Linear lens (55L)	20W / 108.5cm (20W109)	
			100° Frosted Cover (100F)	25W / 133.5cm (25W134)	
			100° Clear Cover (100C)	30W / 158.5cm (30W156)	
110° Milky Cover (110M)	38.3W / 200.2cm (38W200)				
RGBW RGBW with linear lens (RGBW)			16° Linear lens (16L)	7.5W / 58.5cm (08W059)	
			35° Linear lens (35L)	15W / 108.5cm (15W109)	
			55° Linear lens (55L)	22.5W / 158.5cm (23W156) 27.5W / 191.9cm (28W192)	
RGBW RGBW with cover (RGBW)			100° Frosted Cover (100F)	9.8W / 58.5cm (10W059)	
			100° Clear Cover (100C)	19.5W / 108.5cm (20W109)	
			110° Milky Cover (110M)	29.5W / 158.5cm (30W156) 37.1W / 198.5cm (37W198)	
RGB RGB with cover (RGB)			100° Frosted Cover (100F)	7.3W / 58.5cm (07W059)	
			100° Clear Cover (100C)	14.5W / 108.5cm (15W109)	
			110° Milky Cover (110M)	21.8W / 158.5cm (22W156) 27.6W / 198.5cm (28W198)	

Ordering Code Example:
LUMITUBE IP68-TW-80-100C-15W084-24

CORNER II IP67

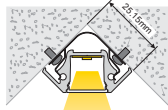
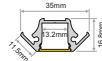
- CORNER II IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- L90/B10 > 50.000h, 3 Step MacAdam
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX(S12)/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 50.000h

Available upon request:

- ✓ Custom dimensions



One outdoor cable and IP68 connector (as standard)



RESIN material:
It's component polyurethane, transparent or translucent for homogeneous light dispersion.
Fully compliance with: REACH, RoHS and EU European Directives.
EC – Directives 89/109 Contact with Food.
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water, Thermal Shock – Heat – Abrasion
In accordance to: Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating: Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN12206 (formerly 856496), EN13438 (formerly 856497-1984) and AAMA 2604.
Exterior Durability: Meets qualification class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to: Weather, UV, Water and mould growth



CORNER II IP67



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage					
CORNER II IP67 (CORNER II 67)	Anodized (AN) Marine Type (MT)	2000K (20)	80+ (80)	10.5W / 53cm (11W053)	Clear (CL) Opal (OP)	24VDC (24)					
		2500K (25)		15.8W / 78cm (16W078)							
		2700K (27)		21W / 103cm (21W103)							
		3000K (30)		24.5W / 119.7cm (25W120)							
		4000K (40)		31.5W / 153cm (32W153)							
		5700K (57)		42W / 203cm (42W203)							
		TUNABLE WHITE									
		Colour Temperature CRI Watt* / Length									
		Tunable White 2700K-5700K (TW)									
		80+ (80)									
10W / 53cm (10W053)											
15W / 78cm (15W078)											
20W / 103cm (20W103)											
25W / 128cm (25W128)											
30W / 153cm (30W153)											
40W / 203cm (40W203)											
RGBWW / RGBCW / RGB											
Colour Watt* / Length											
RGBWW (RGBWW)											
RGBCW (RGBCW)											
84LED/m											
13.5W / 53cm (14W053)											
23.1W / 88.7cm (23W089)											
27W / 103cm (27W103)											
32.8W / 124.4cm (33W124)											
40.5W / 153cm (41W153)											
54W / 203cm (54W203)											
RGBWW (RGBWW)											
RGBCW (RGBCW)											
60LED/m**											
9.7W / 53cm (10W053)											
15.6W / 83cm (16W083)											
19.5W / 103cm (20W103)											
23.4W / 123cm (23W123)											
29.2W / 153cm (29W153)											
39W / 203cm (39W203)											
RGB (RGB90)											
96LED/m											
11.5W / 53cm (12W053)											
20.1W / 90.5cm (20W091)											
23W / 103cm (23W103)											
27.3W / 121.7cm (27W122)											
34.5W / 153cm (35W153)											
46W / 203cm (46W203)											
RGB (RGB60)											
60LED/m**											
7.2W / 53cm (07W053)											
11.6W / 83cm (12W083)											
14.5W / 103cm (15W103)											
17.4W / 123cm (17W123)											
21.7W / 153cm (22W153)											
29W / 203cm (29W203)											
RGB (RGB30)											
30LED/m**											
3.6W / 53cm (04W053)											
5.7W / 83cm (06W083)											
7.2W / 103cm (07W103)											
8.6W / 123cm (09W123)											
10.8W / 153cm (11W153)											
14.4W / 203cm (14W203)											

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected. * Available in other colours on stand power upon request.

Ordering Code Example: CORNER II 67-AN-RGB60-17W123-OP-24

CORNER 45 IP67



- CORNER 45 IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 > 50.000h
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512)/PHASE CUT/RR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

Available upon request:
✓ Custom dimensions
✓ Custom luminaire colours

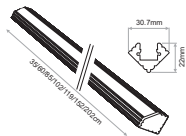


IP67

Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
CORNER 45 IP67 (CORNER 45 67)	Anodized (AN)	2000K (20)	Clear (CL)	7W / 35cm (07W035)	24VDC (24)
	Marine Type (MT)	2500K (25)	Opal (OP)	12.2W / 60cm (12W060)	
		2700K (27)		17.5W / 85cm (17W085)	
		3000K (30)		21W / 102cm (21W102)	
		4000K (40)		24.5W / 119cm (24W119)	
		5700K (57)		31.5W / 152cm (31W152)	
			42W / 202cm (42W202)		

* IP67: Short term immersion protection

Ordering Code Example: CORNER 45 67-AN-30-OP-31W152-24



One outdoor cable and IP68 connector (as standard)

RESIN material:

Tri-component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and EU European Directives.

SC – Directives 89/109 Contact with Food.

Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water.

Thermal Shock – Heat – Abrasion

In accordance to: Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87,

TABER test ASTM D1044, CROCKMETER test ASTM D6279

Marine Type features:

Powder Coating:

Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly BS6476), EN13438 (formerly BS6497:1984) and AAMA 2604.

Exterior Durability:

Meets qualicoat class 2 requirements after 3 years Florida

Meets AAMA 2604-13 requirements after 5 years Florida

High Resistance to:

Weather, UV, Water and mould growth



EXTERIOR PROJECTORS



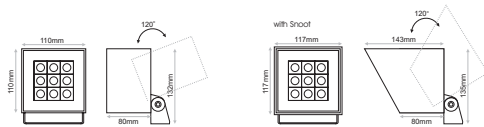
BOX 21



Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rating: IK06
- Glare Rating: UGR <12 (14°), <12.5 (16°), <9.3 (20°), <19.9 (34°), <23.4 (60°), <16.2 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 1,53kg

L90/B10 50.000h



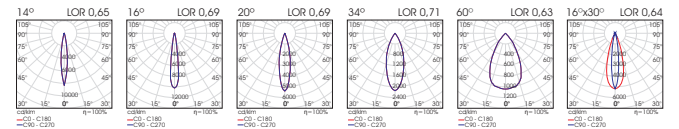
BOX 21



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 20.7W (BOX 21)	2700K (27C)	2223lm	14° (VH)	Black (BL)	230VAC Non-Dimmable (230ND)	cover (0/1)
	3000K (30C)	2377lm	16° (NR)	White (WH)	230VAC Phase Cut Dimmable* (230D)	Standard (1/1)
	4000K (40C)	2377lm	20° (MD)			SNOOT Black (2/1)
	4000K (40C)	2377lm	34° (WD)			SNOOT White (2/1)
	6500K (65C)	2668lm	60° (VW)			↑ {XX}
			16°x30° (AS)			extras (1/0)
						No Extras (1/1)
						Spike (1/1)
						Concrete Base (1/2)
						Belt (1/3)
						Pole Base (1/4)

* By trailing edge dimmers.

Ordering Code Example: BOX 21-30C-NR-BL-230D-01



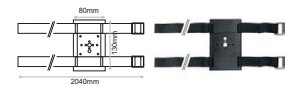
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Rotate: 60°



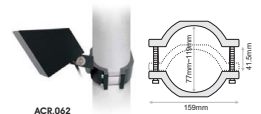
ACR.008
Plastic spike



ACR.009
Concrete base



ACR.078
Belt Accessory



ACR.062
Pole Base



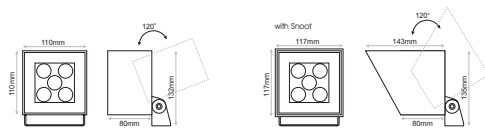
BOX 12N



Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rating: IK06
- Glare Rating: UGR < 17.3 (6°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 1,53kg

L90/B10 50.000h



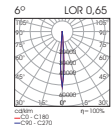
BOX 12N



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 12.5W Narrow (BOX 12N)	2700K (27C)	1235lm	6° (N/A)	Black (BL)	230VAC Non-Dimmable (230ND)	cover (0/1)
	3000K (30C)	1321lm		White (WH)	230VAC Phase Cut Dimmable* (230D)	Standard Black (1/1)
	4000K (40C)	1321lm				SNOOT Black (2/1)
	6500K (65C)	1482lm				SNOOT White (2/1)
						↓ (XX) ↑ extras No Extras (1/0) Spike (1/1) Concrete Base (1/2) Belt (1/3) Pole Base (1/4)

* By trailing edge dimmers.

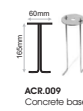
Ordering Code Example: BOX 12N-30C-WH-BL-230D-01



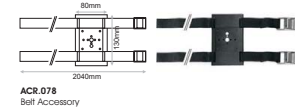
Tilt: 120°
Rotate: 60°



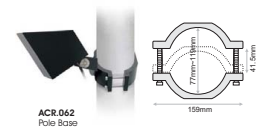
ACR.008
Plastic Spike



ACR.009
Concrete base



ACR.078
Belt Accessory



ACR.042
Pole Base



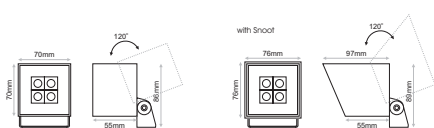
BOX 10



Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rating: IK06
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,63kg

L90/B10 50.000h



BOX 10

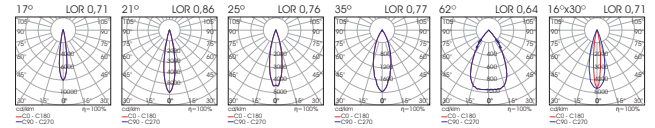


IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 9.2W (BOX 10)	2700K (27C)	988lm	17°	Black (BL)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable* (230D)	cover Standard (0/1) SNOOT Black (1/1) SNOOT White (2/2) ↓ extras No Extras (1/0) Spike (1/1) Belt (1/2) Pole Base (1/3)
	3000K (30C)	1056lm	21°	White (WH)		
	4000K (40C)	1056lm	25°	(MD)		
	6500K (65C)	1185lm	35°	(WD)		
			62° 16°x30°	(VW) (AS)		

* By leading edge dimmers only.

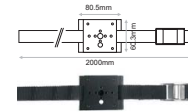
Ordering Code Example: BOX 10-30C-NR-BL-230D-01



Tilt: 120°
Rotate: 60°



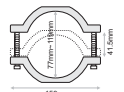
ACR.003
Plastic Spike



ACR.077
Belt Accessory



ACR.042
Pole Base



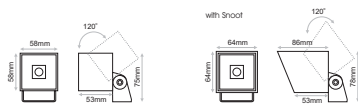
BOX 5



Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Mainie treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rating: IK06
- Glare Rating: UGR <15.6 (17°), <13.9 (21°), <15.5 (28°), <23.3 (40°), <25.2 (63°), <17.7 (16°x30°)
- Phase Cut Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm*
- Weight: 0,50kg

L90/B10 50.000h



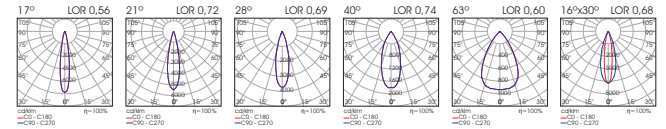
BOX 5



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 4.4W (BOX 5)	2700K (27C)	410lm	17° (W)	Black (BL)	230VAC Phase Cut Dimmable* (230D)	cover Standard (0/1) SNOOT Black (1/1) SNOOT White (2/2) ↓ (X/X) extras No Extras (1/0) Spike (1/1) Belt (1/2) Pole Base (1/3)
	3000K (30C)	440lm	21° (NR)	White (WH)		
	4000K (40C)	475lm	28° (MD)			
	6500K (65C)	510lm	40° (WD)			
			63° (W)			
			16°x30° (AS)			

* By trailing edge dimmers.

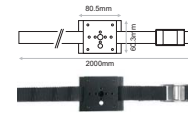
Ordering Code Example: BOX 5-30C-NR-BL-230D-01



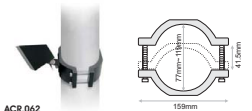
Tilt: 120°
Rotate: 60°



ACR.003
Plastic Spike



ACR.077
Belt Accessory



ACR.042
Pole Base



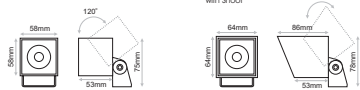
BOX 3N



Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations. Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rating: IK06
- Glare Rating: UGR < 18.6 (3°)
- Phase Cut Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,50kg

L80/B10 50.000h



With Snoot



BOX 3N



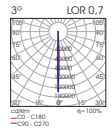
Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 2.5W Narrow (BOX 3N)	2700K (27C)	137lm	3° (N)	Black (BL)	230VAC Phase Cut Dimmable* (230D)	cover
	3000K (30C)	149lm		White (WH)		Standard (0/1)
	4000K (40C)	170lm				SNOOT Black (1/1)
	6500K (65C)	265lm				SNOOT White (2/1)
						extras
						No Extras (1/0)
						Spike (1/1)
						Belt (1/2)
						Pole Base (1/3)

* By trailing edge dimmers.

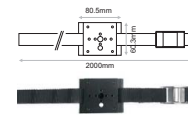
Ordering Code Example: BOX 3N-30C-VN-BL-230D-01



Tilt: 120°
Rotate: 60°



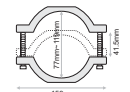
ACR.003
Plastic Spike



ACR.077
Belt Accessory



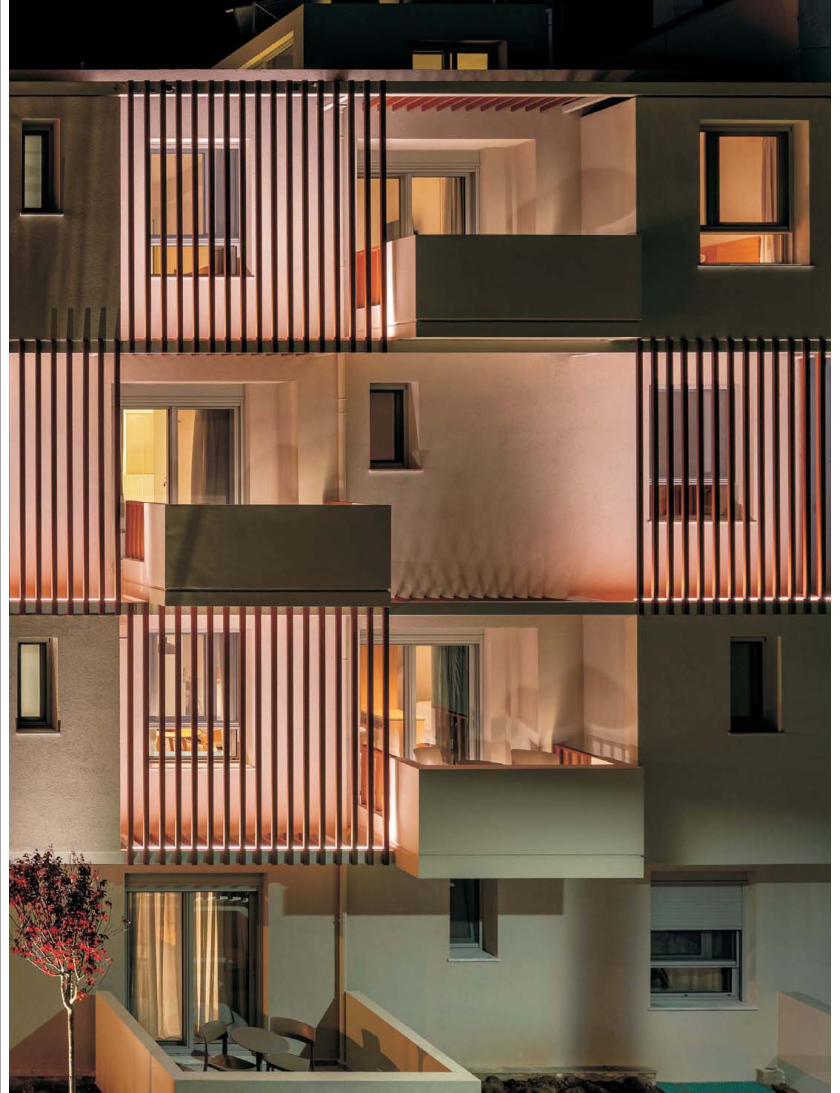
ACR.042
Pole Base



Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Gavril Papadakis



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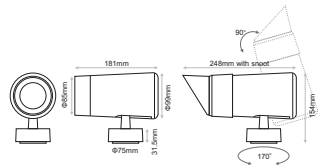
CONNY 20



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but customRAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <10.5 (20°), <12.9 (33°), <17.5 (48°)
- Phase Cut Dimmable or Non-Dimmable
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm²
- Weight: 1,70kg

L80/B10 50.000h



With Snoot

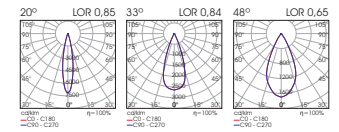


CONNY 20

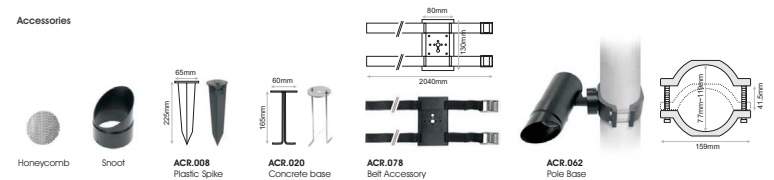


Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				
CONNY 20.7W (CONNY 20)	2700K (27C)	2340lm	20° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard (0/0)
	3000K (30C)	2503lm	33° (MD)	White (WH)	230VAC Phase Cut Dimmable (230D)	SNOOT Black (1/1)
	4000K (40C)	2691lm	48° (WD)			SNOOT White (2/1)
	5000K (50C)	2691lm				Standard (0/0)
						Honeycomb (1/1)
						extras
						No Extras (0/0)
						Plastic Spike (0/1)
						Pole Base (0/2)
						Concrete Base (0/3)
						Belt (0/4)

Ordering Code Example: CONNY 20-30C-80-20-NR-230D-213



Accessories



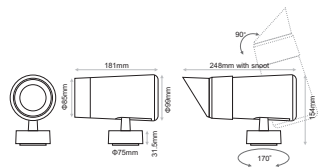
CONNY 15N



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR $\leq 9.3 (9^{\circ})$
- Phase Cut Dimmable or Non-Dimmable
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm²
- Weight: 1,70kg

L80/B10 50.000h

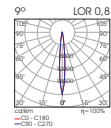


CONNY 15N

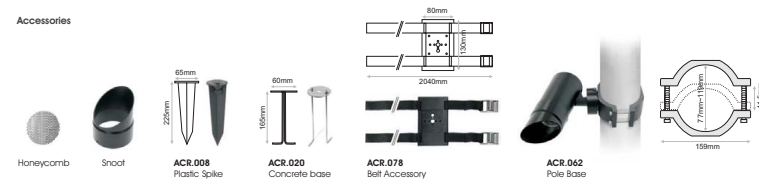


Model	CCT	CR80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)	9° (1/1)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard (0/0)
CONNY 15.6W NARROW (CONNY 15N)	2700K (27C)	1360lm		White (WH)	230VAC Phase Cut Dimmable (230D)	SNCOOT Black (1/1)
	3000K (30C)	1417lm				SNCOOT White (2/1)
	4000K (40C)	1496lm				Standard (0/0)
	5000K (50C)	1513lm				Honeycomb (1/1)
						extras
						No Extras (0/0)
						Plastic Spike (0/1)
						Pole Base (0/2)
						Concrete Base (0/3)
						Belt (0/4)

Ordering Code Example: CONNY 15N-30C-80-VN-BL-230D-213



Accessories



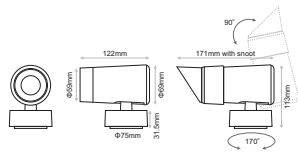
CONNY 9



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb analor snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <15.9 (22°), <15 (38°), <18.3 (50°)
- Phase Cut Dimmable or Non-Dimmable
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 0.80kg

L90/B10 50.000h



With Snoot

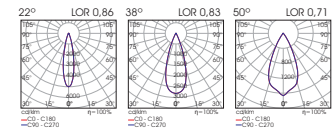


CONNY 9

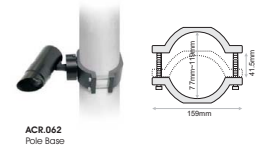
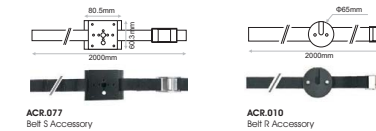


Model	CCT	CR80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				(X X X)
CONNY 9.7W (CONNY 9)	2700K (27C)	1035lm	22° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard (001)
	3000K (30C)	1114lm	38° (MD)	White (WH)	230VAC Phase Cut Dimmable (230D)	SNOOT Black (101)
	4000K (40C)	1114lm	50° (VD)			SNOOT White (201)
	5000K (50C)	1193lm				Standard (101)
						Honeycomb (111)
						extras
						No Extras (000)
						Plastic Spike (004)
						Pole Base (002)
						Concrete Base (003)
						Belt S (004)
						Belt R (005)

Ordering Code Example: CONNY 9-30C-80-38-NR-230D-215



Accessories



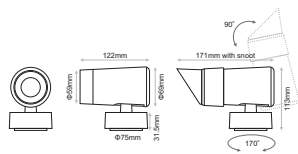
CONNY 9N



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb anod or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <math>< 10,7 (9^{\circ})</math>
- Phase Cut Dimmable or Non-Dimmable.
- Power cable: H05RN-F 3x0,75mm² L=2,0m
- Outer cable diameter: 7mm²
- Weight: 0,80kg

L90/B10 50.000h



With Snoot

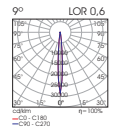


CONNY 9N

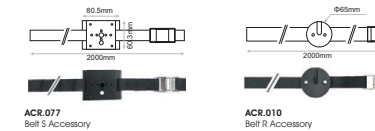


Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
CONNY 9.2W NARROW <i>(CONNY 9N)</i>	2700K (27C)	80 (80)	9° (N)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard (0-1) SNOOT Black (1-1) SNOOT White (2-1) Standard (1-1) Honeycomb (1-1) extras No Extras (0-0) Plastic Spike (0-1) Pole Base (0-2) Concrete Base (0-3) Belt S (0-4) Belt R (0-5)
	3000K (30C)	735lm		White (WH)	230VAC Phase Cut Dimmable (230D)	
	4000K (40C)	735lm				
	5000K (50C)	831lm				

Ordering Code Example: CONNY 9N-30C-80-VV-BL-230D-212



Accessories



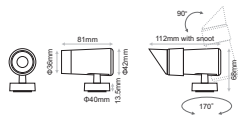
CONNY 6



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb analor snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating CONNY 6: UGR <21.5 (16°), <18.8 (20°), <21.2 (30°), <21.6 (42°)
- Glare Rating CONNY 6 WD: UGR <17.6 (38°), <20.7 (54°)
- 24VDC Non-Dimmable
- Power cable: H05RN-F 2x0.5mm² L=2.0m
- Outer cable diameter: 5mm²
- Weight: 0,28kg

L90/B10 50.000h



With Snoot

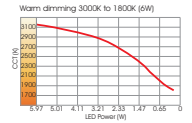
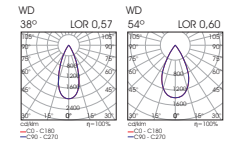
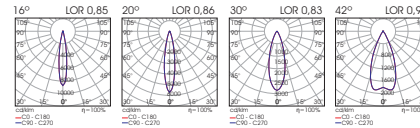


CONNY 6

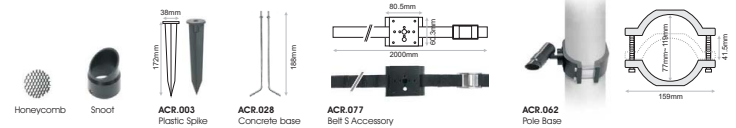


Model	CCT	CRI LED Source	Beam Angle	Colour	Voltage/Current	Accessories
CONNY 6W (CONNY 6)	2700K (27C)	80 (R0)	16° (N0)	Black (BL)	Voltage 24VDC Non-Dimmable (24)	Standard SNOOT Black (1-0) SNOOT White (2-0)
	3000K (30C)	550lm	20° (N0)	White (WH)		
	4000K (40C)	642lm	30° (N0)			Standard Honeycomb (1-1)
	5000K (50C)	689lm	42° (W)			extras No Extras (0-0) Plastic Spike (0-1) Pole Base (0-2) Concrete Base (0-3) Belt (0-4)
	Warm Dimmable	90 (R0) 95 (P5)			Current 350mA (350)	
	Warm Dimming (WD)	627lm 552lm	38° (W0) 54° (W)			

Ordering Code Example: CONNY 6-30C-80-MD-BL-24-011



Accessories



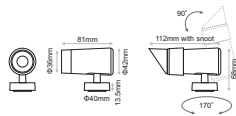
CONNY 4



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories: plastic spike, concrete base, tree belt, or pole base. It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb anodized or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <math>< 20.2</math> (16°), <math>< 17.5</math> (20°), <math>< 19.9</math> (30°), <math>< 20.3</math> (42°)
- 24VDC Non-Dimmable
- Power cable: H05RN-F 2x0.5mm² L=2.0m
- Outer cable diameter: 5mm²
- Weight: 0.28kg

L90/B10 50.000h

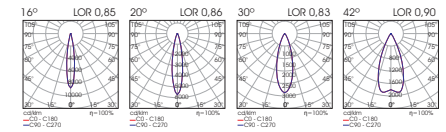


CONNY 4

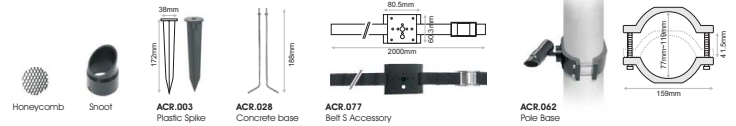


Model	CCT	CR80 LED Source	Beam Angle	Colour	Voltage	Accessories
CONNY 4W (CONNY 4)	2700K (27C)	378lm	16° (N4)	Black (BL)	24VDC Non-Dimmable (24)	Standard SNOOT Black (0-1) Standard SNOOT White (1-1) Standard Honeycomb (1-1) extras No Extras (0-0) Plastic Spike (0-1) Pole Base (0-2) Concrete Base (0-3) Belt (0-4)
	3000K (30C)	378lm	20° (N4)	White (WH)		
	4000K (40C)	428lm	30° (N4)			
	4000K (40C)	428lm	30° (N4)			
	5000K (50C)	459lm	42° (N4)			

Ordering Code Example: CONNY 4-30C-80-MD-BL-24-011

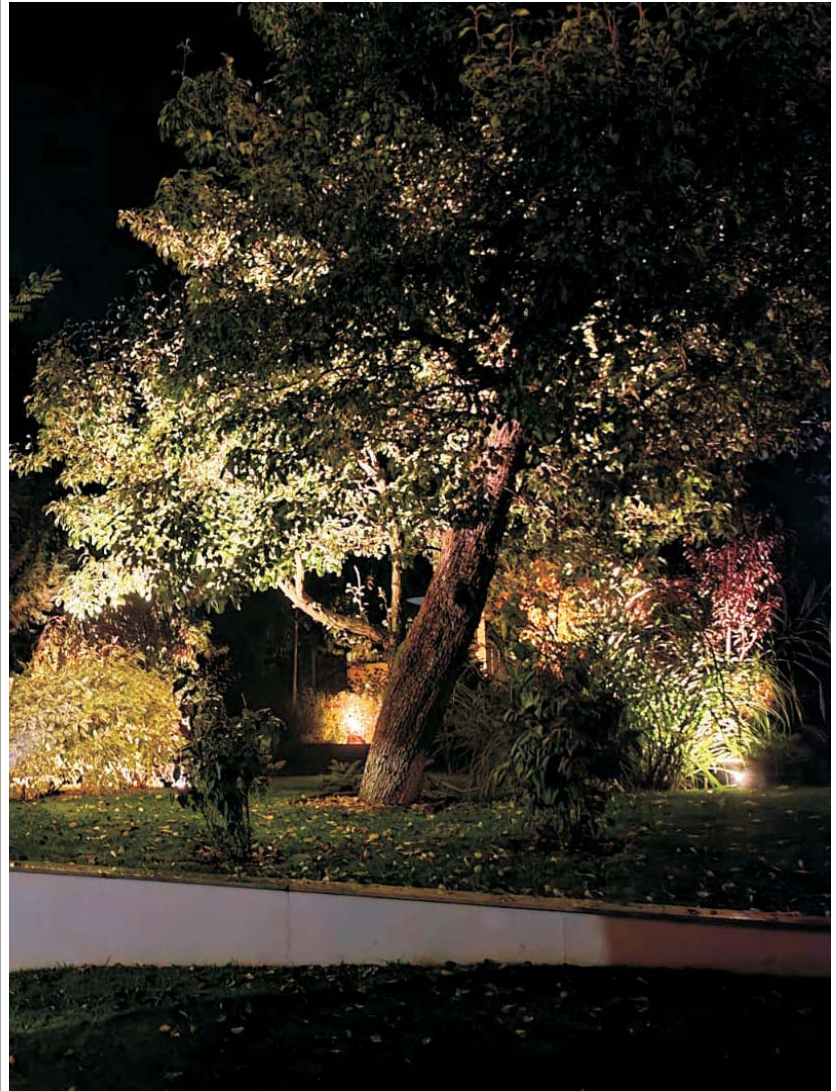


Accessories





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OLLY 46



- Oly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Oly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm²
- Non dimmable
- L90/B10 50000h
- Ingress protection: IP66
- Weight: 2.4kg

L90/B10 50.000h

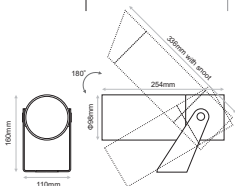


CREE LEDs IP65

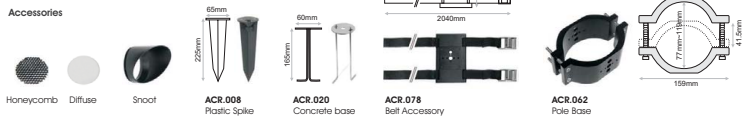
Model	CCT	CR80 LED Source	Beam Angle	Colour*	Voltage	Accessories
		80 (80)				(XXX)
OLLY 46.3W (OLLY 46)	2700K (27C)	5520lm	15° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard SNOOT (0/1)
	3000K (30C)	5520lm	30° (MD)	White (WH)		Standard Honeycomb Diffuse (1/1)
	4000K (40C)	5930lm	50° (WD)			extras
	5000K (50C)	5930lm				No Extras (0/0)
						Plastic Spike (0/1)
						Pole Base (0/2)
						Concrete Base (0/3)
						Belt (0/4)

* Available also in white colour upon request.

Ordering Code Example: OLLY 46-40C-80-MD-BL-230ND-104



Accessories



OLLY 27

- Oly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Oly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm²
- Non dimmable
- L90/B10 50000h
- Ingress protection: IP66
- Weight: 1.4kg

L90/B10 50.000h

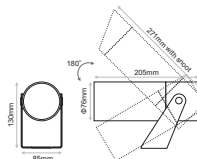


CREE LEDs IP65

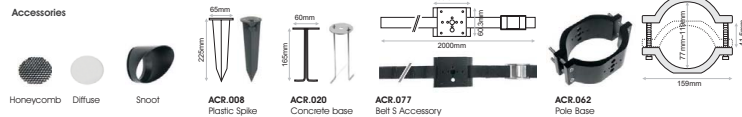
Model	CCT	CR80 LED Source	Beam Angle	Colour*	Voltage	Accessories
		80 (80)				(XXX)
OLLY 27.3W (OLLY 27)	2700K (27C)	3080lm	15° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard SNOOT (0/1)
	3000K (30C)	3310lm	30° (MD)	White (WH)		Standard Honeycomb Diffuse (1/1)
	4000K (40C)	3540lm	50° (WD)			extras
	5000K (50C)	3540lm				No Extras (0/0)
						Plastic Spike (0/1)
						Pole Base (0/2)
						Concrete Base (0/3)
						Belt (0/4)

* Available also in white colour upon request.

Ordering Code Example: OLLY 27-40C-80-MD-BL-230ND-104



Accessories



GONZO 46



Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm² L=0.3m
- IK Rating: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg



Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 46W (GONZO 46)	2700K (27N)	3130lm	9° (09)	Black (BL)	24VDC PWM Dimmable (24)
	3000K (30N)	3360lm	15° (15)	White (WH)	
	4000K (40N)	3600lm	20° (20)		
			30° (30)		
			45° (45)		

* Available also in 5700K & 6500K upon request.
Ordering Code Example: GONZO 46-30N-30-BL-24



GONZO 25

Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm² L=0.3m
- IK Rating: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg



Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 25W (GONZO 25)	2700K (27N)	1490lm	9° (09)	Black (BL)	24VDC PWM Dimmable (24)
	3000K (30N)	1600lm	15° (15)	White (WH)	
	4000K (40N)	1710lm	20° (20)		
			30° (30)		
			45° (45)		

* Available also in 5700K & 6500K upon request.
Ordering Code Example: GONZO 25-30N-30-BL-24



GONZO 70 RGBW



Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 5x0.5mm² L=0.3m
- IK Rating: D6
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg



IP66

Model	CCT	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 70W (GONZO 70)	RGBW(6350K) (RGBW)	2054lm	20° (20) 30° (30)	Black (BL) White (WH)	24VDC PWM Dimmable (24)

Ordering Code Example: GONZO 70-RGBW-30-BL-24



GONZO 36 RGBW

Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 5x0.5mm² L=0.3m
- IK Rating: D6
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg



IP66

Model	CCT	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 36W (GONZO 36)	RGBW(5700K) (RGBW)	1240lm	20° (20) 30° (30)	Black (BL) White (WH)	24VDC PWM Dimmable (24)

Ordering Code Example: GONZO 36-RGBW-30-BL-24



TONDO



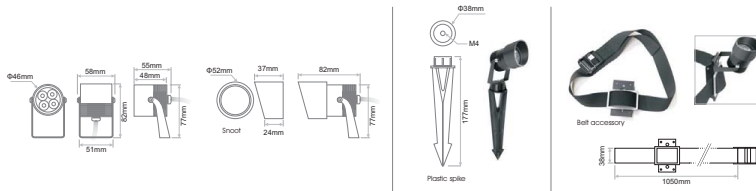
TONDO LED spotlight ideal in applications that require a small scale luminaire.

- Housing material: passivated aluminum
- Glass : Tempered glass T=4mm
- Power cable: HOSRN-F 2x0.75mm² L=1.5m
- Outdoor installation: IP66
- Luminaire available in Anodized or Black Anodized colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory



Model	CCT	CR180 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		> 80 (80)				
TONDO 6W (TONDO 6)	2700K (27C)	300lm	15° (16)	Anodized (AN)	12VDC Dimmable (20-100%) (12)	COVER Standard (0/1) SNOOT Anodized (1/1) SNOOT Black Anodized (2/1) ↓ (XX) EXTRAS No Extras (1/N) Belt (1/B) Spike (1/S)
	3000K (30C)	320lm	20° (20)	Black Anodized (BA)		
	4000K (40C)	350lm	40° (40)			
	5600K (56C)	370lm				

Ordering Code Example:
TONDO 6-40C-80-20-AN-12-0B



TONDO MINI

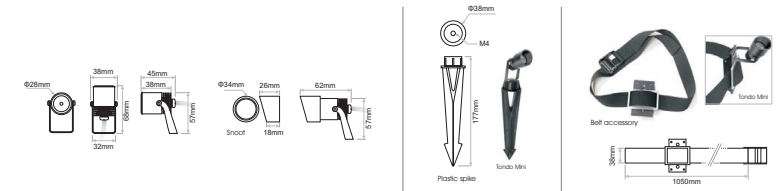
TONDO MINI is the smallest in scale LED spotlight.

- Housing material: passivated aluminum
- Glass : Tempered glass T=4mm
- Power cable: HOSRN-F 0.75mm² L=1m
- Outdoor installation: IP66
- Luminaire available in Anodized or Black Anodized colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory



Model	CCT	CR180 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		> 80 (80)				
TONDO MINI 2W (TONDO MINI 2)	2700K (27C)	150lm	17° (17)	Anodized (AN)	12VDC Dimmable (20-100%) (12)	COVER Standard (0/1) SNOOT Anodized (1/1) SNOOT Black Anodized (2/1) ↓ (XX) EXTRAS No Extras (1/N) Belt (1/B) Spike (1/S)
	3000K (30C)	160lm	25° (25)	Black Anodized (BA)		
	4000K (40C)	170lm	45° (45)			
	5600K (56C)	180lm				

Ordering Code Example:
TONDO MINI 2-40C-80-45-AN-12-0B



TONDO RETROFIT

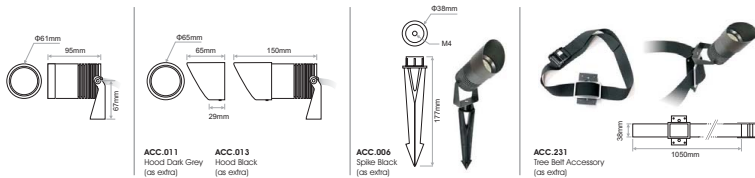


TONDO Retrofit is a luminaire suitable for GU10 LED lamps (max 9W).

- Housing material: Passivated aluminum.
- Glass: Tempered glass T=3mm
- Power cable: HOSRN-F 3x1.0mm² L=1m
- Cable gland: PG7
- Gasket: O-ring PMQ silicone seal.
- Outdoor installation: IP66
- Luminaire available in Black or Dark Grey colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory.
- GU10 lamp holder, max 9W (lamp not included).



Code	Model	Colour	Lamp Holder	Dimensions	IP Rate
ALE.091	TONDO RETROFIT	Dark Grey	GU10 (max 9W)	Φ65x95mm	IP66
ALE.192	TONDO RETROFIT	Black	GU10 (max 9W)	Φ65x95mm	IP66



DENDO

DENDO is a LED spotlight with manually adjustable beam angle from 55° to 15°.

- Housing material: passivated aluminum.
- Power cable: HOSRN-F 2x1.0mm² open wires. L= 1 meter for 12VDC version. HOSRN-F 3x1.0mm² open wires. L= 1 meter for 230VAC version.
- Consumption: 12 Watt
- Outdoor installation: IP66
- Available accessories: Plastic spike, Belt accessory.

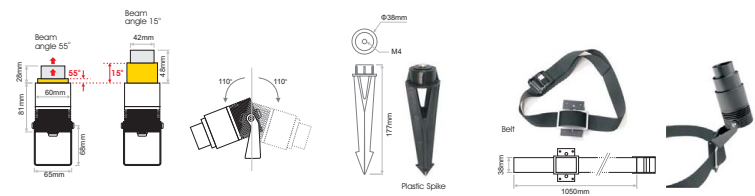


Selectable beam angle (From 15° to 55°)



Model	CCT	Luminaire Lumen	CRI	Beam Angle	Luminaire Colour	Voltage	Accessories
DENDO 12W <small>(DENDO 12)</small>	2700K (27C)	max 55° / 390lm min 15° / 170lm	>80 (80)	Adjustable 15°(min)-55°(max)	Black (B)	12VDC Dimmable (20-100%) (12) 230VAC Non-Dimmable (230)	No Accessory (N)
	3000K (30C)	max 55° / 400lm min 15° / 180lm	White (W)		Spike (S)		
	4000K (40C)	max 55° / 410lm min 15° / 190lm			Belt (B)		
	5600K (56C)	max 55° / 420lm min 15° / 200lm					

Ordering Code Example:
DENDO 12-40C-80-AD-BL-230-S





 Exterior Projectors

STORM WASH 61 ZOOM

- High power RGBW LED projector 180W.

SPECIFICATIONS

- Lumen Output: 3500+
- Lux at 5m: 5000lm (8" optics).
- USITT DMX 512 on board with optional DMX personalities.
- Display control on board for 3/4/5/6/12 channels, STATIC COLOUR, AUTO and CUSTOM.
- IP rating 66.
- Electronic zoom 8°-40°.
- Dimmer 0-100%.
- Strobe 0-20Hz.
- Weight 9Kgs.



IP66

Model	Code	No.LEDs	Colour	Input Voltage	Power Consumption	Dimensions	Weight	Beam Angle	IP Rate
STORM WASH 61 ZOOM	PLE.037	61	17R+17G+17B+10W	100-240VAC 50-60Hz	180W	302x237x311mm	9Kgs	8°-40°	IP66

ACCESSORIES



ACC.225
IP67 Power Extension Cable (5m)



ACC.226
IP67 DMX Extension Cable (5m)



ACC.241
Filter Holder



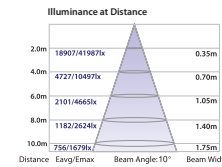
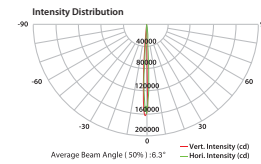
ACC.239
Barn Doors

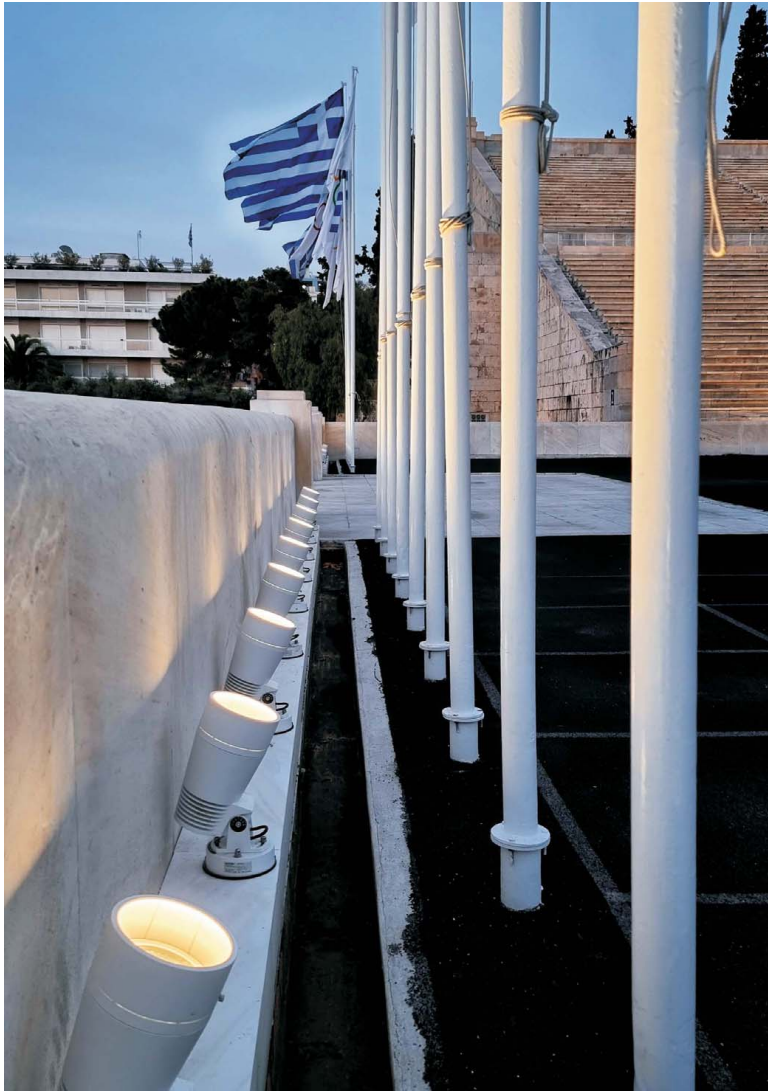


Top Hat



Holder for Top Hat





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Arifkias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

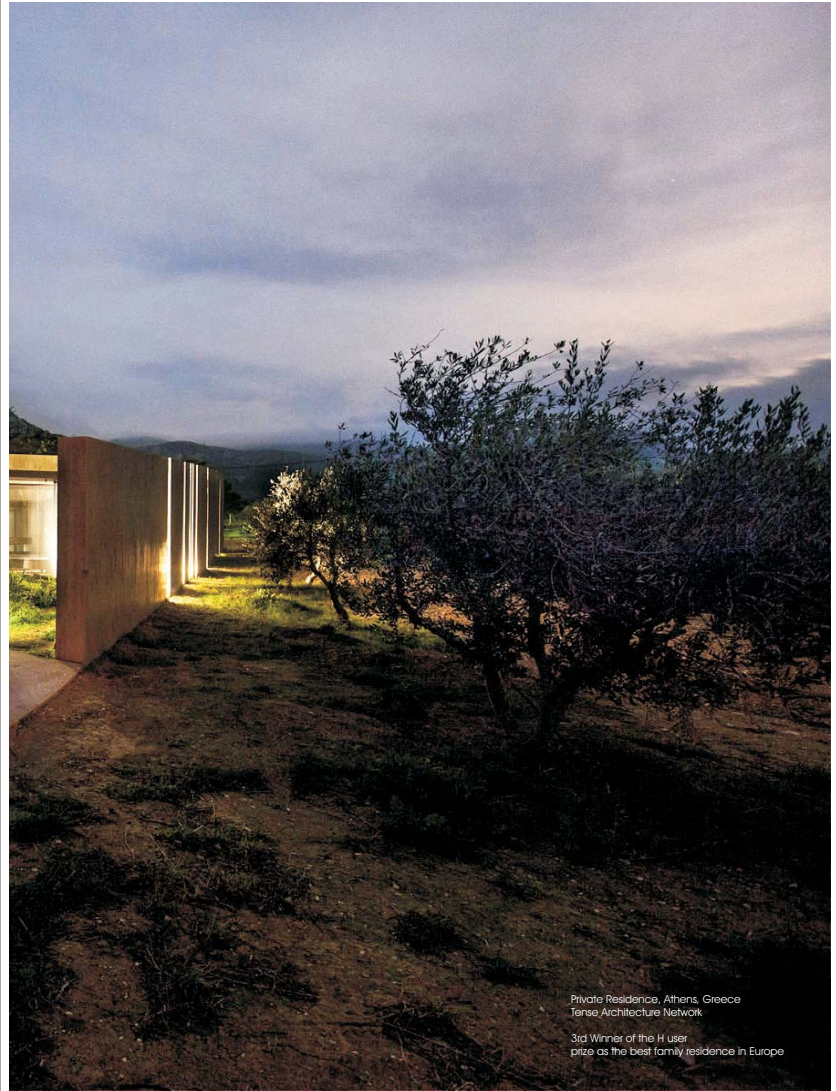


EXTERIOR INGROUND SURFACE WALL BOLLARD





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Private Residence, Athens, Greece
Tense Architecture Network
3rd Winner of the H user
prize as the best family residence in Europe

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

TERANO 25 IP68

Exterior Inground, Surface, Wall, Bollard 

TERANO 25 IP68 is a custom made linear inground luminaire, available in standard lengths.

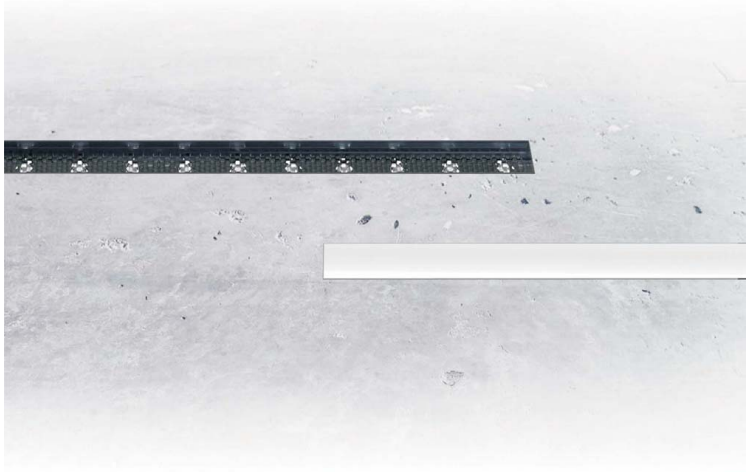
- TERANO offers excellent uniformity with colour consistency.
- It is available Opal/Clear with LED strips (Samsung LEDs) or with LED modules (CREE LEDs) with different lenses available.
- TERANO with LED modules are offered with honeycomb to ensure visual comfort.
- Housing material: Stainless steel 316 or anodized aluminium.
- Supplied with in-out IP68 cable & connector as standard.
- Walk Over: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN) for Opal & Clear models with Honeycomb.
- Ingress Protection: IP68
- IK-Rate: IK10

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512)/PHASE CUT/RR/RF/PUSH BUTTON/Bluetooth



L80/B10 > 50.000h
for models with Samsung LED strips monochromatic, TW

L90/B10 > 50.000h
for models with CREE LED modules



RESIN material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and EU European Directives. EC – Directives 89/109 Contact with Food.
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water, Thermal Shock – Heat – Abrasion
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

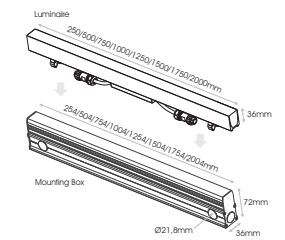
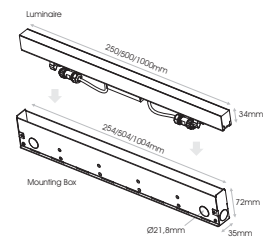
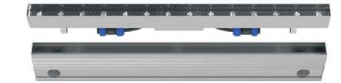
Exterior Inground, Surface, Wall, Bollard 

TERANO 25 IP68

Stainless Steel 316



Aluminium



TERANO 25 IP68

Exterior Inground, Surface, Wall, Bolland

CREE
LEDs
for 15/25/35/115/40*

LIGHTSOURCE BY
SAMSUNG
Opal/Clear
for Monochromatic & TW

IP68

Model	Luminaire Type	CCT	CRI	15W/m Samsung Led Source	24W/m Cree Led Source	Type / Beam angle	Watt* / Length**	Voltage		
TERANO 25 IP68 (TERANO 25 68)	Stainless Steel 316 (SS)	2700K	80 (2780)	1840lm	2530lm	With LED strip (Samsung LEDs) Opal (OP) Clear (CL)	3.8W / 25cm (04W025)	24VDC (24)		
		2700K	90 (2790)	1554lm	2220lm		7.5W / 50cm (08W050)			
	Anodized (AN)	3000K	80 (3080)	1880lm	2690lm		11.3W / 75cm** (11W075)			
		3000K	90 (3090)	1590lm	2370lm		15W / 100cm (15W100)			
	4000K	80 (4080)	2000lm	2840lm	18.8W / 125cm** (20W125)					
	4000K	90 (4090)	1670lm	2530lm	22.5W / 150cm** (23W150)					
	5700K	80 (5780)	2045lm	2985lm	26.3W / 175cm** (26W175)					
	5700K	90 (5790)	1710lm	2530lm	30W / 200cm** (30W200)					
	With LED modules (CREE LEDs) & Honeycomb									
							15° (15)		6W / 25cm (06W025)	
							25° (25)		12W / 50cm (12W050)	
							35° (35)		18W / 75cm** (18W075)	
					15x40° (1540)	24W / 100cm (24W100)				
						30W / 125cm** (30W125)				
						36W / 150cm** (36W150)				
						42W / 175cm** (42W175)				
						48W / 200cm** (48W200)				
TUNABLE WHITE										
				15W/m Samsung		With LED strip (Samsung LEDs) Opal (OP) Clear (CL)	20W / 100cm (20W100)			
TW (TW-CM)	80 (TW80)	2580lm	2240lm							
RGBW										
				1x 5W/m		With LED strip Opal (OP) Clear (CL)	19.5W / 100cm (19W100)			
RGBW (RGBW)			880lm							

* Different power consumptions are available upon request.
** 75, 125, 150, 175, 200cm are available only for anodized model.

Ordering Code Example: TERANO 25 68-AN-4080-CP-08W050-24

Optional accessories



IP68 in line cable connectors
2 pole **WIR.256**
3 pole **WIR.257**
4 pole **WIR.258**
5 pole **WIR.259**



CNC.106
IP68 Junction box 4way / 2-5pole



IP68 Power supply cable connector
2 pole **WIR.252**
3 pole **WIR.253**
4 pole **WIR.254**
5 pole **WIR.255**



CNC.109
IP68 Joint connector 2way / 2-5pole



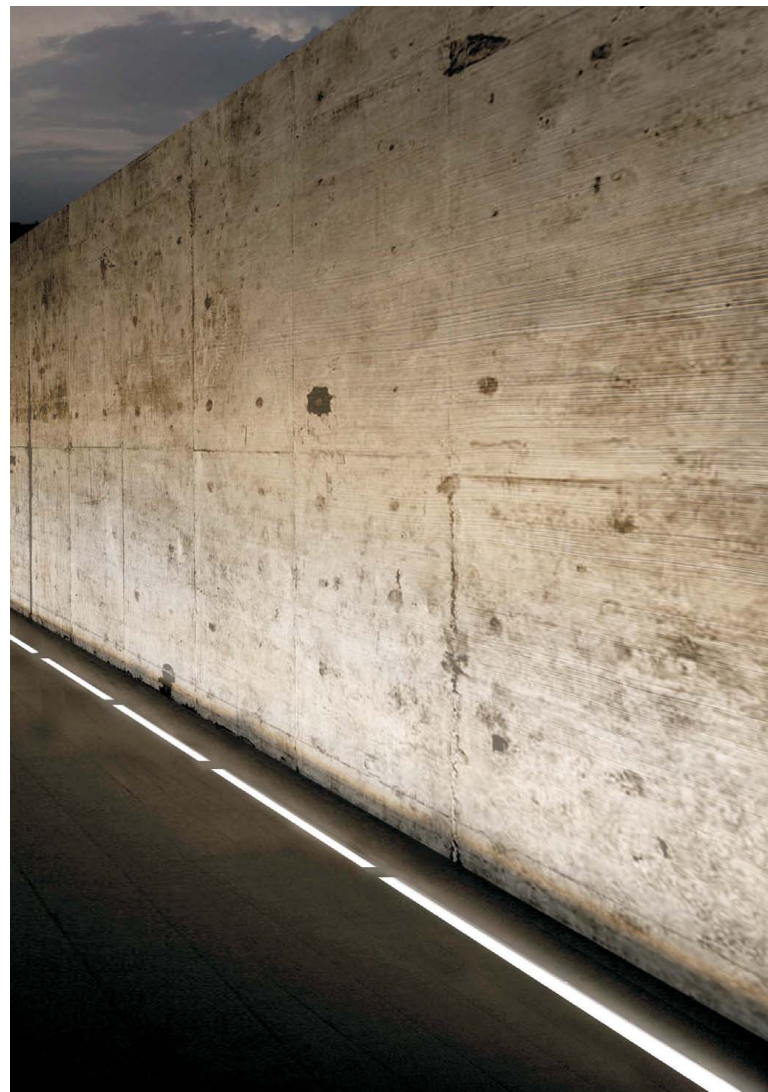
PRH.109
Alignment kit for Stainless steel model



PRH.110
Disassembly kit.
Use to take the fixture out of the mounting box.



PRH.108
Alignment kit for anodized model



NORMA II

Exterior Inground, Surface, Wall, Bollard 

NORMA II inground linear luminaire is available in two standard lengths.

- Outdoor installation: IP67
- User can step on the luminaires.
- Housing: Extruded aluminum, powder coated.
- Front cover: Hard chromeplated stainless steel SUS 316L.
- Tempered frosted step glass, T=6mm
- Cable gland: IP-68 PG-9 Pa66.
- Operating temperature: -20°C~40°C
- Mounting sleeve: Powder Coated Aluminum 137# 138#
- PWM Dimmable
- IK 07

Lighting management options:
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/R/R/PUSH BUTTON/Bluetooth

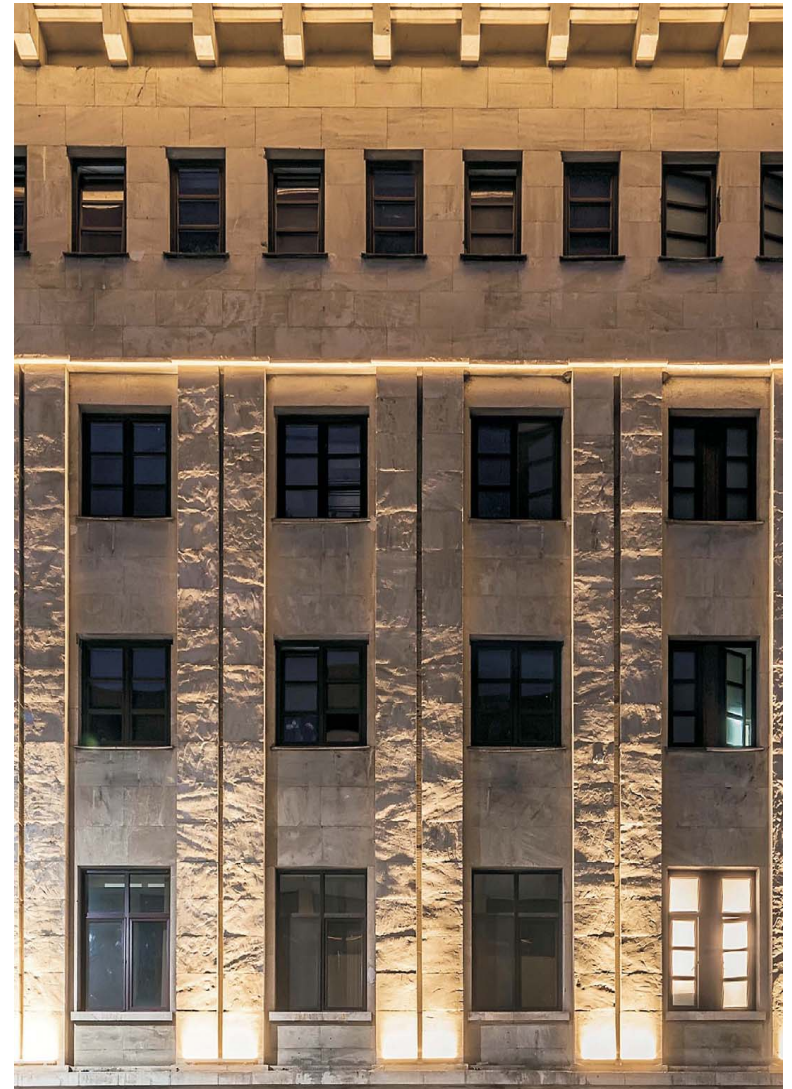
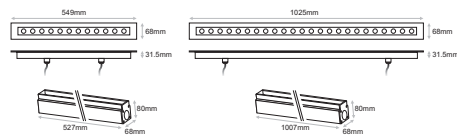


LIGHTSOURCE BY **OSRAM** IP67

Model	Watt	CCT*	Lumen	Beam Angle	Voltage
NORMA II 54.9cm (NORMA II 55)	22W (22)	2700K (MWO)	1020lm	20° (20)	24VDC (24)
		3000K (MWO)	1108lm	25° (25)	
		4000K (CWO)	1203lm	30° (30)	
				35° (35)	
NORMA II 102.5cm (NORMA II 102)	44W (44)	2700K (MWO)	2055lm	45° (45)	
		3000K (MWO)	2198lm	35°x10P (35/10)	
		4000K (CWO)	2349lm		

* 5600K also available upon request.
** CRI 80 only for monochromatic version.

Ordering Code Example: NORMA II 102-44-CWO-45-24



GRAVITO XL 13

Exterior Inground, Surface, Wall, Balcony

- Inground spot with honeycomb accessory
- Front plate: Stainless steel 316L
- Housing: Die-cast powder coated aluminum
- Mounting base: ABS 016
- Glass: Tempered glass, T=8mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H07RN-F 2x1.0mm² L=0.5m
- IK Rate: 07
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 6
- Power Consumption: 12 Watt
- Maximum load: 2000kgs

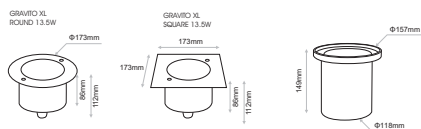


LIGHTSOURCE BY
OSRAM IP67

Model	CCT	Luminaire Lumen	Type	CRI	Beam Angle	Voltage	Accessories
GRAVITO XL ROUND 13.5W <small>(GRAVITO XL RD13)</small>	3000K (30C)	783lm	Fixed (FX)	>80 (80)	9° (09)	24VDC PWM Dimmable (24)	COVER Standard Honeycomb (01) ↓ EXTRAS No Extras (10)
	4000K (40C)	870lm			15° (15)		
					20° (20)		
					30° (30)		
GRAVITO XL SQUARE 13.5W <small>(GRAVITO XL SQ13)</small>					45° (45)		

Ordering Code Example: GRAVITO XL RD13-300-FX-80-45-24-10

ACC.279
Honeycomb supplied as extra



Recessed Housing Box as standard

Exterior Inground, Surface, Wall, Balcony

DOKOS

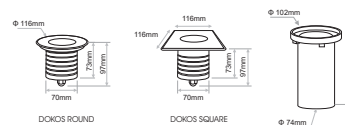
- DOKOS Inground LED luminaire.
- Front plate: Stainless Steel.
- 1800kg maximum weight.
- Osram LED
- IK rate: 09
- Dimmable



LIGHTSOURCE BY
OSRAM IP67

Code	Model*	No.LED	CCT	Watt	Lumens	Lumen Efficacy	Diameter	Voltage	Beam Angle	IP Rate
LGR.086	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	20°	IP67
LGR.087	DOKOS ROUND	3	3000K	6W	375lm	63lm/W	116mm	24VDC	20°	IP67
LGR.106	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	35°x45°	IP67
LGR.105	DOKOS ROUND	3	3000K	6W	375lm	63lm/W	116mm	24VDC	35°x45°	IP67

* Available in square upon request



DOKOS SQUARE

GRETTO

Exterior Inground, Surface, Wall, Bollard

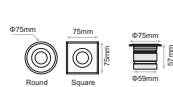
- Gretto is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic; luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable HOSRN-F 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (6°, 15°, 30°, 46°)
- L90B10 5000h
- Ingress Protection: IP67
- IK Rate: IK07



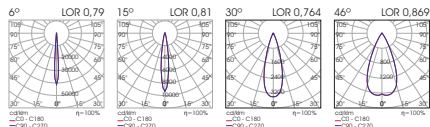
CREE LEDs IP67

Model	LED Power	CCT	CR80 LED Source		CR90 LED Source		Beam Angle	Shape	Type	Dimming Option	Accessories
			80 (80)	90 (90)	80 (80)	90 (90)					
GRETTO <small>(GRETTO)</small>	6.5W (7)	2700K (27C)	713lm	570lm	15° (15)	Round (RD)	Fixed (FX)	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	COVER Standard (01) Honeycomb (11) Softening lens (21) Line spread lens (31) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency Kit (11)		
		3000K (30C)	713lm	615lm	30° (30)	Square (SQ)					
		4000K (40C)	765lm	660lm	46° (46)						
		5000K (50C)	765lm	713lm							
		6500K (65C)	765lm	-							
4.1W (4)	2700K (27C)	440lm	355lm	6° (06)							
	3000K (30C)	440lm	380lm								
	4000K (40C)	475lm	410lm								
	5000K (50C)	475lm	410lm								
	5000K (50C)	410lm	440lm								

Ordering Code Example: GRETTO 7-30C-90-46-RD-FX-00-10



ACR.049 Recessed Box (as extra)



ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)

Exterior Inground, Surface, Wall, Bollard

GRETTO TR (Trimless)

- Gretto is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable HOSRN-F 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (6°, 15°, 30°, 46°)
- L90B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



CREE LEDs IP67

Model	LED Power	CCT	CR80 LED Source		CR90 LED Source		Beam Angle	Type	Dimming Option	Accessories
			80 (80)	90 (90)	80 (80)	90 (90)				
GRETTO Trimless <small>(GRETTO TR)</small>	6.5W (7)	2700K (27C)	713lm	570lm	15° (15)	Fixed (FX)	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	COVER Standard (01) Honeycomb (11) Softening lens (21) Line spread lens (31) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency Kit (11)		
		3000K (30C)	713lm	615lm	30° (30)					
		4000K (40C)	765lm	660lm	46° (46)					
		5000K (50C)	765lm	713lm						
		6500K (65C)	765lm	-						
4.1W (4)	2700K (27C)	440lm	355lm	6° (06)						
	3000K (30C)	440lm	380lm							
	4000K (40C)	475lm	410lm							
	5000K (50C)	475lm	410lm							
	5000K (50C)	410lm	440lm							

Ordering Code Example: GRETTO TR7-30C-90-46-FX-00-10



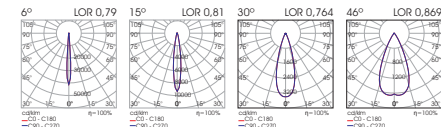
ACR.055 Trimless Box Aluminium (as extra)



ACR.080 Trimless Box Stainless Steel 316 (as extra)



ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)



GRETTO WASH

Exterior Inground, Surface, Wall, Balcony

- Gretto Wash is an outdoor Inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable H05RN-F 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

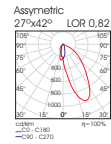


Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Shape	Type	Dimming Option	Extras
			80 (80)	90 (90)					
GRETTO WASH (GRETTO W)	4.1W (4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	440lm 440lm 475lm 410lm	355lm 380lm 410m 440lm	Asymmetric (AS) 27°x42°	Round (RD) Square (SQ)	Fixed (FX)	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	No Extras (0) Emergency Kit (1)

Ordering Code Example:
GRETTO W4-30C-90-AS-RD-FX-00-0



ACR.049
Recessed Box (as extra)



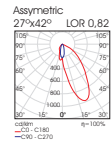
Exterior Inground, Surface, Wall, Balcony

- Gretto Wash is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable H05RN-F 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR < 19 (Asymmetric 27°x42°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Dimming Option	Extras
			80 (80)	90 (90)				
GRETTO Trimless WASH (GRETTO TR W)	4.1W (4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	440lm 440lm 475lm 410lm	355lm 380lm 410m 440lm	Asymmetric (AS) 27°x42°	Fixed (FX)	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	No Extras (0) Emergency Kit (1)

Ordering Code Example:
GRETTO TR W4-30C-90-AS-FX-00-0



GRETTO DF

(Diffused)

Exterior Inground, Surface, Wall, Balcony

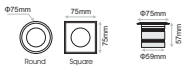
- Gretto Diffused is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic; luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable HOSRN-F: 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- Ingress Protection: IP67
- IK Rate: IK07



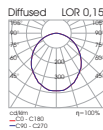
LIGHTSOURCE BY
bridgelux. IP67

Model	LED Power	CCT	CRI80 LED Source	Beam Angle	Shape	Type	Dimming Option	Extras
80 (80)								
GRETTO Diffused <i>(GRETTO DF)</i>	2.1W (2)	2700K (278)	261lm	Diffused (DF)	Round (RD)	Fixed (FX)	Without Driver (00)	No Extras (0)
		3000K (308)	271lm		Square (SQ)		24VDC Non Dimmable (24ND)	
		4000K (408)	286lm		230V Phase Cut (230PC)		Emergency Kit (1)	

Ordering Code Example: GRETTO DF2-308-80-DF-SQ-FX-00-0



ACR.049
Recessed Box (as extra)



Exterior Inground, Surface, Wall, Balcony

- Gretto Diffused is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable HOSRN-F: 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR < 19 (Diffused)
- Ingress Protection: IP67
- IK Rate: IK07



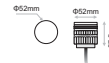
GRETTO TR DF

(Trimless Diffused)

LIGHTSOURCE BY
bridgelux. IP67

Model	LED Power	CCT	CRI80 LED Source	Beam Angle	Type	Dimming Option	Extras
80 (80)							
GRETTO Trimless Diffused <i>(GRETTO TR DF)</i>	2.1W (2)	2700K (278)	261lm	Diffused (DF)	Fixed (FX)	Without Driver (00)	No Extras (0)
		3000K (308)	271lm			24VDC Non Dimmable (24ND)	
		4000K (408)	286lm			230V Phase Cut (230PC)	

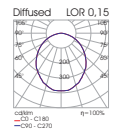
Ordering Code Example: GRETTO TR DF2-308-80-DF-FX-00-0



ACR.055
Trimless Box
Aluminium (as extra)




ACR.080
Trimless Box
Stainless Steel 316 (as extra)





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 Exterior Inground, Surface, Wall, Ballard

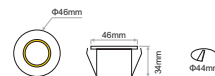
DAVIDA

- Davida is a decorative Inground luminaire.
- Luminaire body material: stainless steel 316.
- Mounting box: plastic frame casing.
- Power cable: 2x0.25mm²
- Outer cable diameter: 3.5mm²
- Ingress Protection: IP67
- IK Rate: IK06






Code	CCT	Watt	CRI	Dimensions	Diameter	Voltage	IP Rate
LGR.117	3000K	1.4W	80	Φ46x34mm	46mm	24VDC	IP67



BETTINA

Exterior Inground, Surface, Wall, Balcony

BETTINA Series is an inground luminaire available with one, two or four openings.

- Housing: aluminum
- Front cover: Stainless steel 316
- Mounting box: plastic frame casing.
- Power cable: H05RN-F 2x0.75mm² L= 1.5m
- Ingress Protection: IP67
- Maximum load 2000kgs

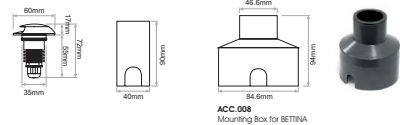
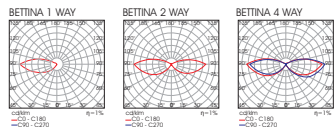


Model*	CCT**	CR80 LED Source	CR170 LED Source	Type	Voltage	Accessories
BETTINA 1 WAY 3W (BETTINA 1)	3000K (30C) 4000K (40C)	57lm	-	Fixed (FX)	12VDC (12)	COVER Standard (0/)
BETTINA 2 WAY 3W (BETTINA 2)	5700K (57C)	-	70lm			EXTRAS No Extras (1/0)
BETTINA 4 WAY 3W (BETTINA 4)						

IP67

*Available in 3-ways open upon request
**Other colours available upon request.

Ordering Code Example: BETTINA 2-30C-80-FX-12-00



ACC-068
Mounting Box for BETTINA

Exterior Inground, Surface, Wall, Balcony

HYDRA

HYDRA is a small inground luminaire available with honeycomb as extra.

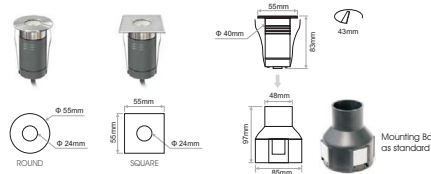
- Inground spot with honeycomb accessory.
- Housing: Die-cast powder coated aluminum.
- Front plate: Stainless steel 316
- Mounting box: plastic frame casing ABS D11.
- Glass: Tempered glass. T= 7mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm² L=0.5m
- IK Rate: 08
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 1
- Power Consumption: 2.6Watt
- Maximum load 1700kgs



Model	CCT	Luminaire Lumen	Type	CRI	Beam Angle	Voltage	Accessories
HYDRA ROUND 2.6W (HYDRA RD3)	2700K (27C) 3000K (30C) 4000K (40C)	115lm 125lm 135lm	Fixed (FX)	80 (80)	9° (09) 15° (15) 20° (20)	24VDC PWM Dimmable (24)	COVER Standard (0/) Honeycomb (1/)
HYDRA SQUARE 2.6W (HYDRA SQ3)	5600K (56C)	145lm			30° (30) 45° (45) 45°X35° (45/35)		EXTRAS No Extras (1/0)

IP67

Ordering Code Example: HYDRA RD3-30C-80-30-FX-24-10



Honeycomb
available as extra

ZERO

Exterior Inground, Surface, Wall, Bollard 

ZERO is a small Inground luminaire.

- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

Lighting management options:

On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



CREE LEDs 

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle	IP Rate	
LGR.133	1	3W	100lm	2700K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.091	1	3W	110lm	3000K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.090	1	3W	130lm	5600K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

*Other CCT available upon request.

**Available in 10°, 40° & 60° degrees upon request.



Exterior Inground, Surface, Wall, Bollard 

ZERO-S

ZERO-S is a low depth small Inground luminaire.

- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

Lighting management options:

On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

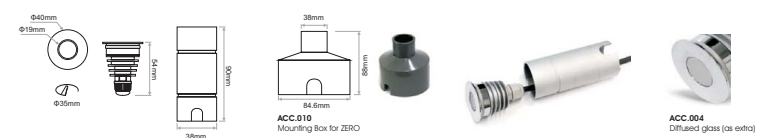


CREE LEDs 

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate	
LGR.132	1	3W	110lm	2700K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.089	1	3W	115lm	3000K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.088	1	3W	130lm	5600K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

*Other CCT available upon request.

**Available in 10°, 40° & 60° degrees upon request.



ZERO ST

Exterior Inground, Surface, Wall, Balcony

ZERO ST is an inground stainless steel small scale luminaire.

- Housing: stainless steel 316
- Front cover: stainless steel 316
- Glass - Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320Kgs

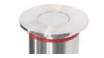
Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



CREE LEDs IP67

Colour Model / Temperature	No.LED	Watt	Lumen	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle*	IP Rate
ZERO ST / 2700K	1	3W	100lm	Φ40x67mm	40mm	1000Kg	12VDC	25°	IP67 Dimmable
ZERO ST / 3000K	1	3W	110lm	Φ40x67mm	40mm	1000Kg	12VDC	25°	IP67 Dimmable
ZERO ST / 5600K	1	3W	130lm	Φ40x67mm	40mm	1000Kg	12VDC	25°	IP67 Dimmable

*Available in 10°, 40° & 60° degrees upon request.



ACC.005 Diffused glass (as extra)

Exterior Inground, Surface, Wall, Balcony

MINIFLO

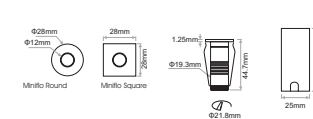
- MINIFLO is a small inground luminaire available round & square.
- Stainless steel face A1S1 316L & pure aluminum body, powder coated painted.
- Inground / ceiling recessed / wall recessed installation.
- Tempered glass.
- Dimmable
- IP67

Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



CREE LEDs IP67

Code	Model	No.LED	LED Power	Lumen	CCT*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate
<i>Miniflo Round</i>											
LGR.092	Miniflo Round	1	1W	110lm	5600K	25x45mm	25mm	500Kg	12VDC	80°	IP67 Dimmable
*Other colours available upon request. **Available in 45° degrees upon request.											
LGR.134	Miniflo Round	1	1W	52lm	2700K	28x44mm	28mm	500Kg	12VDC	35°	IP67 Dimmable
LGR.135	Miniflo Round	1	1W	56lm	3000K	28x44mm	28mm	500Kg	12VDC	35°	IP67 Dimmable
*Other colours available upon request. **Available in 60° degrees upon request.											
<i>Miniflo Square</i>											
LGR.094	Miniflo Square	1	1W	110lm	5600K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67 Dimmable
LGR.095	Miniflo Square	1	1W	83lm	3000K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67 Dimmable
*Other colours available upon request. **Available in 45° degrees upon request.											



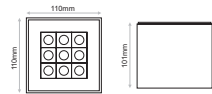
BOX 24SF

Exterior Inground, Surface, Wall, Bollard 

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rating: IK06
- Glare Rating: UGR <12.7 (16°), <12.5 (20°), <10.5 (26°), <20.9 (40°), <23.1 (60°), <15.1 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Weight: 1,5kg

L90/B10 50.000h



Exterior Inground, Surface, Wall, Bollard 

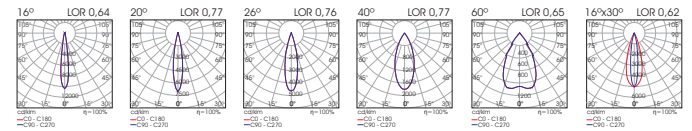
BOX 24SF

CREE LEDs IP65

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 23.8W Surface <i>(BOX 24SF)</i>	2700K (27C)	2457lm	16° (VNI)	Black (BL)	230VAC Non-Dimmable (230ND)
	3000K (30C)	2628lm	20° (NI)	White (WH)	230VAC Phase Cut Dimmable* (230D)
	4000K (40C)	2628lm	26° (M/D)		
	6500K (65C)	2948lm	40° (W/D)		
				60° (VHI)	
			16°x30° (AS)		

* By trailing edge dimmers.

Ordering Code Example: BOX 24SF-30C-NR-BL-230D



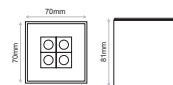
BOX 9SF

Exterior Inground, Surface, Wall, Balcony

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rating: IK06
- Glare Rating: UGR <13.4 (12°), <11.6 (17°), <12.2 (25°), <19.3 (35°), <22.7 (60°), <16.3 (16°x30°)
- Phase Cut Dimmable or Non-Dimmable.
- Weight: 0,60kg

L90/B10 50.000h



Exterior Inground, Surface, Wall, Balcony

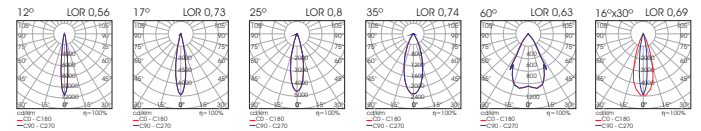
BOX 9SF

CREE LEDs IP65

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 9.2W Surface <i>(BOX 9SF)</i>	2700K (27C)	988lm	12° (N)	Black (BL)	230VAC Non-Dimmable (230ND)
	3000K (30C)	1054lm	17° (N)	White (WH)	230VAC Phase Cut Dimmable* (230D)
	4000K (40C)	1054lm	25° (M)		
	6500K (65C)	1185lm	35° (M)		
				60° (H)	
			16°x30° (AS)		

* By trailing edge dimmers.

Ordering Code Example: BOX 9SF-30C-NR-BL-230D



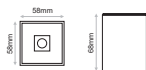
BOX 5SF



Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rating: IK06
- Glare Rating: UGR <15.1 (17°), <15.7 (21°), <14 (28°), <23.5 (32°), <25.2 (60°), <20.3 (16°x30°)
- Phase Cut Dimmable
- Weight: 0,37kg

L90/B10 50.000h



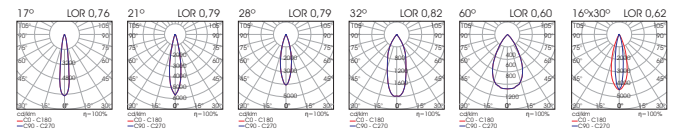
BOX 5SF



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 4.4W Surface <i>(Box 5SF)</i>	2700K (27C)	410lm	17° (VVI)	Black (BL)	230VAC Phase Cut Dimmable* (230D)
	3000K (30C)	440lm	21° (NVI)	White (WH)	
	4000K (40C)	475lm	28° (MVI)		
	6500K (65C)	510lm	32° (WVI)		
			60° (VVI)		
			16°x30° (AS)		

* By trailing edge dimmers.

Ordering Code Example: BOX 5SF-30C-WH-230D



DORIS C13

Exterior Inground, Surface, Wall, Balcad 

DORIS C13 is an outdoor surface luminaire available in black or white colour.

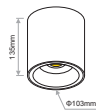
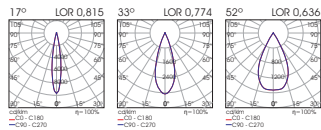
- Housing: Aluminium
- UGR<10 @ 17°, 33° & UGR<19 @ 52°
- 3 SDCM
- L90/B10 50000h
- IK Rate: IK08
- Ingress Protection: IP65



Model	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
C180								
DORIS 13W Ceiling (DORIS C13)	2700K (27C)	1590lm	Fixed (FX)	80 (80)	17° (17)	Black (BL)	Non Dimmable (ND)	Standard (D0)
	3000K (30C)	1710lm			33° (33)	White (WH)	DALI* (DL)	Honeycomb (D1)
	4000K (40C)	1630lm			52° (52)		Phase Cut (PC)	
	5000K (50C)	1710lm						

* Wattage: 9W

Ordering Code Example: DORIS C13-40C-80-FX-17-BL-ND-D1



ADORNO SF IP44 Retrofit

Exterior Inground, Surface, Wall, Balcad 

- Adorno series surface luminaire with GU10 lampholder, max 7.5W (lamp not included).
- Housing Material: Powder coated Aluminium.
- Minimal aesthetic for contemporary architectural design.
- Ingress Protection: IP44



Model	Colour	Type	Lamp Holder
ADORNO SF IP44 Retrofit (ADORNO SF44R)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)

Ordering Code Example: ADORNO SF44R-WH-FX-G1



POROS

- Housing: Stainless steel 316
- Power cable : HD5RN-F 2x0.75mm²=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- IK Rate: 10
- Non Dimmable

Exterior Inground, Surface, Wall, Bollard 



IP65

Code	Type	Watt	CCT*	CRI	Lumen	Beam Angle	Voltage	IP Rate	IK Rate
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ROUND MONOCHROMATIC

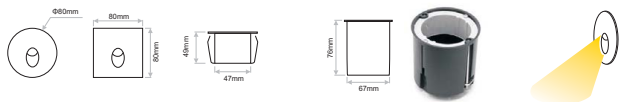
ALW.030	Round	1.7W	5600K	70	34lm	80°	24VDC	IP65	IK10
ALW.031	Round	1.7W	3000K	70	31lm	80°	24VDC	IP65	IK10

*Available in 2700K upon request.

SQUARE MONOCHROMATIC

ALW.032	Square	1.7W	5600K	70	34lm	80°	24VDC	IP65	IK10
ALW.033	Square	1.7W	3000K	70	31lm	80°	24VDC	IP65	IK10

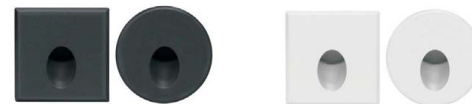
*Available in 2700K upon request.



Exterior Inground, Surface, Wall, Bollard 

POROS MINI

- Housing: Die-casting aluminium
- Power cable : HD5RN-F 2x1.0mm² L=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- IK Rate: 10

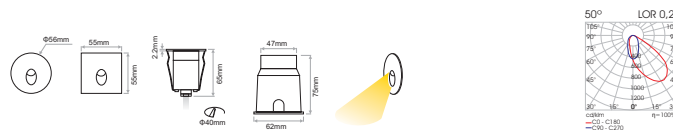


CREE LED  IP65

Model	Shape	CCT	LED Source	Type	Beam Angle	Colour	Voltage
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POROS MINI2.4W <i>(POROS MINI 2)</i>	Round (RD)	2700K (27)	252lm	Fixed (FX)	50° (50)	White (WH)	24VDC PWM Dimmable (2-4)
	Square (SQ)	3000K (30)	265lm			Black (BL)	
		4000K (40)	279lm				

Ordering Code Example: POROS MINI 2-RD-30-FX-50-WH-24



CANOVA

Exterior Inground, Surface, Wall, Bolland

CANOVA recessed luminaire available in white, black or brown colour.

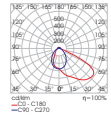
- Housing: Powder coated aluminium.
- Mounting box material: Plastic
- Ingress Protection: IP65



IP65

Model	Colour Temperature*	Watt	Luminaire LED lumen	Luminaire Colour**	Voltage	Dimensions	IP Rate
CANOVA	3000K	3W	170lm	White	230VAC	90x60mm	IP65

* Available in COOL WHITE upon request
 ** Housing also available in Black or Brown colour upon request



Exterior Inground, Surface, Wall, Bolland

ORIGIN RC

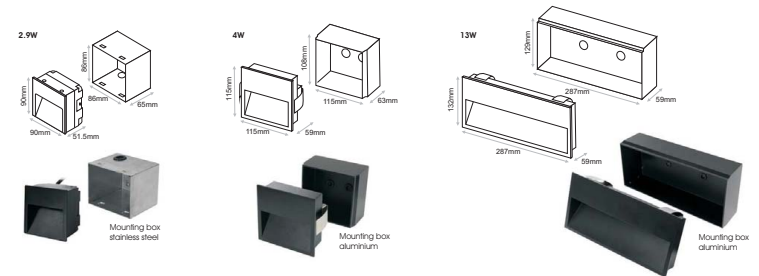
- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel (3W), aluminium (4W,13W)
- L90/ B10 50000h
- Ingress Protection: IP65
- IK05



CREE LED's (2.9W)
 LIGHTSOURCE BY
 bridgelux (4W & 13W)
 IP65

Model	Type	Type	CCT*	CRIB0 LED Source	Colour	Dimming Option
				80 (80)		
ORIGIN RC (ORIGIN RC)	Square (SQ)	2.9W (E3)	2700K (27C)	160lm	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (30C)	200lm	White (WH)	
			4000K (40C)	200lm		
	Rectangular (RT)	1.3W (F3)	2700K (27B)	360lm		
			3000K (30B)	390lm		
			4000K (40B)	420lm		

Ordering Code Example: ORIGIN RC-SQ-03-30B-80-BL-230ND



ORIGIN RC RT

Exterior Inground, Surface, Wall, Bollard 

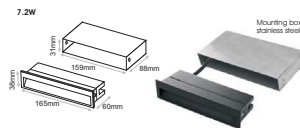
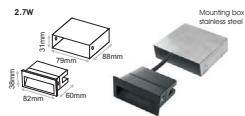
- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06



LIGHTSOURCE BY  IP65

Model	Type	Type	CCT*	CR80 LED Source	Colour	Dimming Option
ORIGIN RC (ORIGIN RC)	Rectangular (RT)	2.7W (03)	2700K (27B)	250lm	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (30B)	270lm	White (WH)	
			4000K (40B)	290lm		
		7.2W (07)	2700K (27B)	600lm		
			3000K (30B)	640lm		
			4000K (40B)	690lm		

Ordering Code Example: ORIGIN RC-RT-07-30B-80-BL-230ND



Exterior Inground, Surface, Wall, Bollard 

ORIGIN SF RD

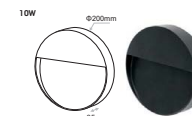
- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06



LIGHTSOURCE BY  IP65

Model	Type	Type	CCT*	CR80 LED Source	Colour	Dimming Option
ORIGIN SF (ORIGIN SF)	Round (RD)	3.2W (03)	2700K (27B)	360lm	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (30B)	390lm	White (WH)	
			4000K (40B)	420lm		
		10W (10)	2700K (27B)	970lm		
			3000K (30B)	1040lm		
			4000K (40B)	1110lm		

Ordering Code Example: ORIGIN SF-RD-03-30B-80-BL-230ND



ORIGIN SF

Exterior Inground, Surface, Wall, Bolland

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- L90/ B10 5000h
- Ingress Protection: IP65
- IK06



LIGHTSOURCED BY
bridgelux.

IP65

Model	Type	Type	CCT*	CR80 LED Source	Colour	Dimming Option
				80 (80)		
ORIGIN SF <i>(ORIGIN SF)</i>	Square <i>(SQ)</i>	3.9W <i>(04)</i>	2700K <i>(278)</i>	370lm	Black <i>(BL)</i>	230VAC Non-Dimmable <i>(230ND)</i>
			3000K <i>(308)</i>	390lm	White <i>(WH)</i>	
			4000K <i>(408)</i>	420lm		
		13.9W <i>(14)</i>	2700K <i>(278)</i>	1370lm		
			3000K <i>(308)</i>	1470lm		
			4000K <i>(408)</i>	1570lm		
Rectangular <i>(RT)</i>	13W <i>(13)</i>	2700K <i>(278)</i>	1210lm			
		3000K <i>(308)</i>	1300lm			
		4000K <i>(408)</i>	1400lm			

Ordering Code Example: ORIGIN SF-SQ-14-308-80-BL-230ND



Exterior Inground, Surface, Wall, Bolland

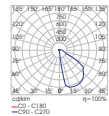
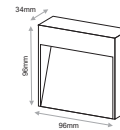
CANOVA 4 SF

- Surface wall luminaire
- Luminaire body: die-cast aluminium with silicone rubber gasket
- Powder coated
- Ingress Protection: IP65
- IK Rate: IK05



IP65

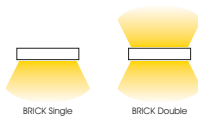
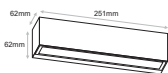
Code	Model	Colour Temperature	Watt	Luminaire Colour	Voltage	Dimensions	IP Rate
ALW.057	CANOVA 4 SF	3000K	3.6W	Dark Grey	230VAC	96x96x34mm	IP65
ALW.061	CANOVA 4 SF	3000K	3.6W	White	230VAC	96x96x34mm	IP65



BRICK II

Exterior Inground, Surface, Wall, Bollard 

- BRICK II is an elegant wall mounted luminaire, available either with single or double light emission.
- It is offered in black and white colour.
- L90/ B10 50000h
- Ingress Protection IP65



Exterior Inground, Surface, Wall, Bollard 

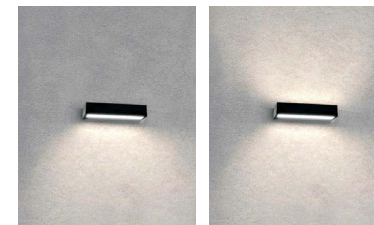
BRICK II

Lightsource by
bridgelux. 

Model	Type	CCT*	CRI80, CRI90 Luminaire Lumen		Beam Angle	Colour	Dimming Option
BRICK II <i>(BRICK II)</i>	5W Single (1x5W) <i>(05)</i>	2700K <i>(27)</i>	385lm	325lm	Diffused (DF)	Black (BL) White (WH)	230VAC Phase Cut Dimmable <i>(230D)</i>
		3000K <i>(30)</i>	390lm	340lm			
	10W Double (2x5W) <i>(10)</i>	2700K <i>(27)</i>	770lm	650lm			
		3000K <i>(30)</i>	780lm	680lm			

* 4000K also available upon request.

Ordering Code Example: BRICK II 10-30-80-DF-BL-230D



EDGE

Exterior Inground, Surface, Wall, Bollard 

- EDGE wall mounted luminaire offers easiness and flexibility in lighting due to its special construction.
- User can easily select the desired beam angle by adjusting the inner parts of the luminaire.
- Can create asymmetry in each luminaire in terms of up & down light emission.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection IP65

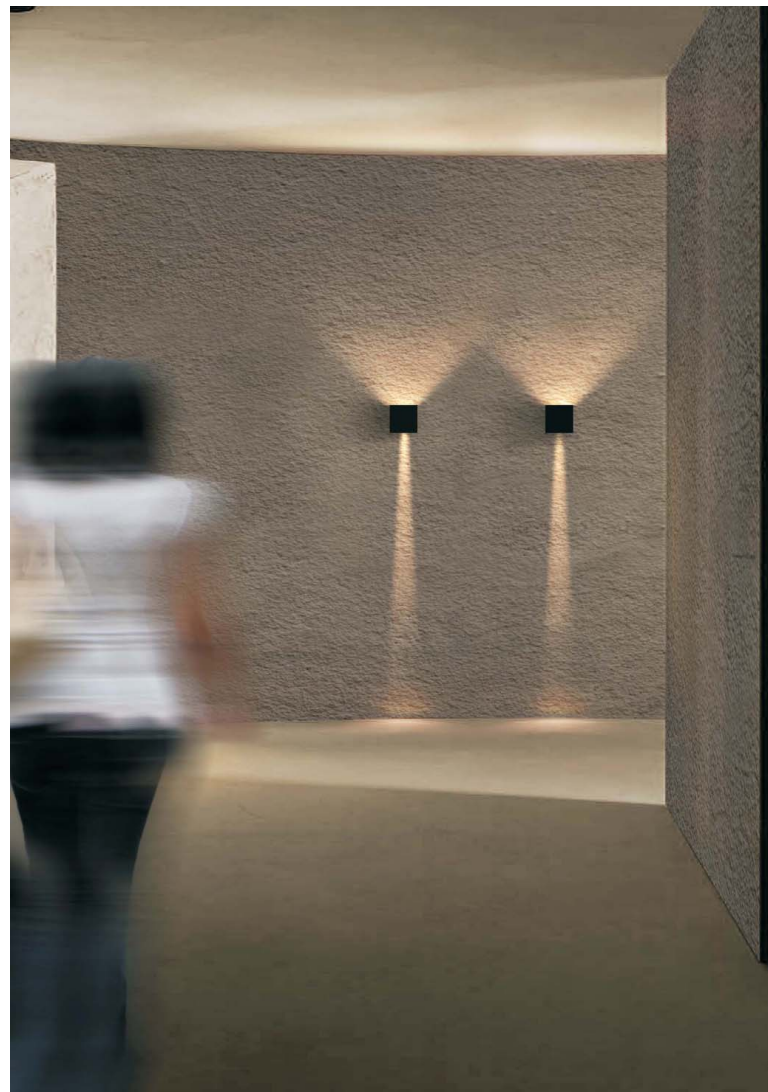
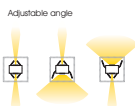
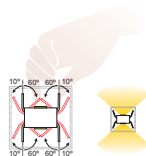


LIGHTSOURCE BY
bridgelux 

Model	CCT	LED Power	CCT*	CB80, CR90 LED Source	Beam Angle	Colour	Dimming Option
				80 (80)	90 (90)		
EDGE (EDGE)	Square (SQ) Round (RD)	2x3W (06)	2700K (27) 3000K (30) 4000K (40)	2x430m 2x355m 2x460m 2x370m 2x470m 2x385m	Adjustable (090) 0°~90°	Black (BL) White (WH)	230VAC (230D) Phase Cut Dimmable

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example: EDGE-SQ-06-30-80-090-BL-230D

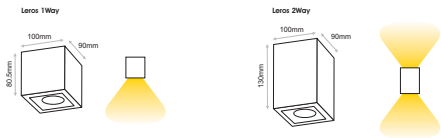


LEROS

Exterior Inground, Surface, Wall, Bollard 

- Housing: Die-cast powder coated aluminum
- Glass : PC T=6mm
- Power cable : H05RN-F 3x1.0mm² L= 0.3m
- IK Rate: 06
- Outdoor installation: IP65
- Luminaire colour: Grey

Monochromatic
24VDC PWM Dimmable
230VAC Non-Dimmable



Exterior Inground, Surface, Wall, Bollard 

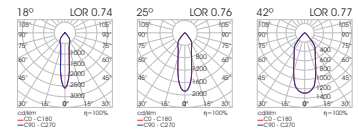
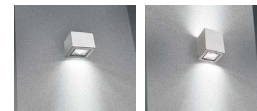
IP65

LIGHTSOURCE BY
bridgelux. 

Model	Type	CCT	CR80°, CR90° LED Source		Voltage	Beam Angle**	Colour
			80 (80)	90 (90)			
LEROS (LEROS)	6W Leros 1Way (1x6W) (06)	2700K (27C)	810lm	670lm	24VDC PWM Dimmable (24)	18° (18) 25° (25) 42° (42)	Mat Grey (MG)
		3000K (30C)	860lm	700lm			
		4000K (40C)	880lm	740lm			
		5000K (50C)	900lm	770lm			
		5700K (57C)	860lm	-			
		6500K (65C)	870lm	-			
	12W Leros 2Way (2x6W) (12)	2700K (27C)	860lm	710lm	230VAC Non-Dimmable (230ND)		
		3000K (30C)	910lm	740lm			
		4000K (40C)	940lm	780lm			
		5000K (50C)	950lm	820lm			
		5700K (57C)	910lm	-			
		6500K (65C)	920lm	-			

* Nichia LEDs only in 3000K, CR80 & Non-Dimmable.
** Also available with asymmetric up/down lenses upon request.

Ordering Code Example: LEROS 06-30C-90-24-42-MG



PARELO

Exterior Inground, Surface, Wall, Bollard 

PARELO I & PARELO II outdoor wall surface luminaires with GU10 lamp holder, max 5W (lamp not included).

- Ingress Protection: IP65



PARELO

Exterior Inground, Surface, Wall, Bollard 



IP65

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.005	PARELO I Black	5W max	230VAC	GU10	Black	Φ69x80x67mm	IP65
AWE.006	PARELO I White	5W max	230VAC	GU10	White	Φ69x80x67mm	IP65



IP65

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.007	PARELO II Black	2x5W max	230VAC	GU10	Black	Φ69x80x165mm	IP65
AWE.008	PARELO II White	2x5W max	230VAC	GU10	White	Φ69x80x165mm	IP65



DORIS W13

Exterior Inground, Surface, Wall, Ballast 

DORIS W13 is an outdoor wall surface luminaire available in black or white colour.

- Housing: Aluminium
- UGR <10 (17°, 33°) and UGR <19 (52°)
- 3 SDCM
- L90/B10 50000h
- IK Rate: IK08
- Ingress Protection: IP65



CREE LEDs

UGR < 10
17°, 33°

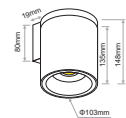
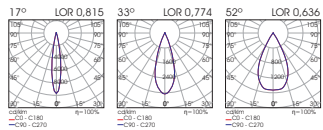
UGR < 19
52°

IP65

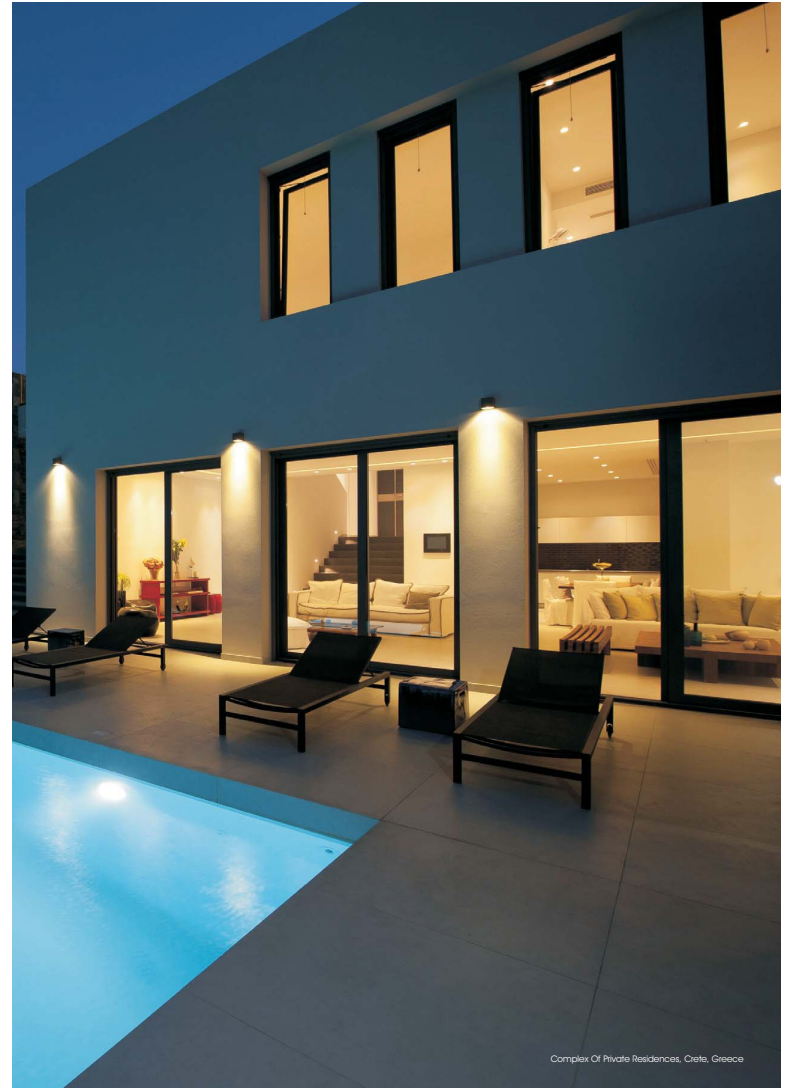
Model	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
C180								
DORIS WALL 13W <i>(DORIS W13)</i>	2700K (27C)	1590lm	Fixed (FX)	80 (80)	17° (17)	Black (BL)	Non Dimmable (ND)	Standard (00)
	3000K (30C)	1710lm			33° (33)	White (WH)	DALI*	Honeycomb (01)
	4000K (40C)	1830lm			52° (52)	Phase Cut (PC)		
	5000K (50C)	1710lm						

* Wattage: 9W

Ordering Code Example: DORIS W13-30C-FX-80-52-BL-ND-01



With Honeycomb



Complex Of Private Residences, Crete, Greece

ARYN

Exterior Inground, Surface, Wall, Ballast 

ARYN is a surface outdoor luminaire suitable to highlight architectural elements in facades.

- Power cable: HD5RN-F 3x0,75mm²
- Outer cable diameter: 7mm
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.

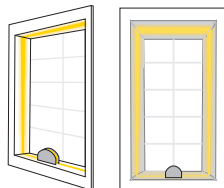


IP65

Model	CCT	Beam Angle	Voltage	Colour*	IP Rate
ARYN 9W <i>(ARYN 9)</i>	2700K (27)	180° (180)	230VAC (230)	White (WH)	IP65 (65)
	3000K (30)				
	4000K (40)				
	5700K (57)				

* Luminaire colour white, but custom RAL colours also available on request.

Ordering Code Example: ARYN 9-30-180-230-WH-65



ROLLER

Exterior Inground, Surface, Wall, Ballast 

ROLLER is a surface outdoor luminaire suitable to highlight architectural elements in facades.

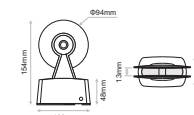
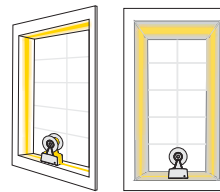
- Power cable: HD5RN-F 3x0,75mm²
- Outer cable diameter: 7mm
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.



IP65

Model	CCT	Beam Angle	Voltage	IP Rate
ROLLER 9W <i>(ROLLER 9)</i>	2700K (27)	340° (340)	230VAC (230)	IP65 (65)
	3000K (30)			
	4000K (40)			
	5700K (57)			

Ordering Code Example: ROLLER 9-30-340-230-65



MINI / MIDI / DECO

Exterior Inground, Surface, Wall, Bollard 

MINI / MIDI / DECO are small recessed luminaires suitable for decorative lighting.

- Ingress Protection: IP65
- Non-Dimmable



IP65

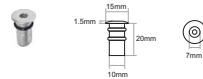
Code	No.LED	Colour	Watt	Diameter	Voltage	IP Rate
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MINI
RGB (IN ONE CHIP)

LED.216 / CC	1	RGB	0.21W	15mm	5VDC	IP65
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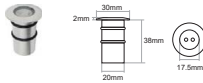
MINI
MONOCHROMATIC

LED.201	1	BLUE	0.12W	15mm	5VDC	IP65
LED.202	1	GREEN	0.12W	15mm	5VDC	IP65
LED.203	1	RED	0.12W	15mm	5VDC	IP65
LED.204	1	COOL WHITE	0.12W	15mm	5VDC	IP65
LED.205	1	AMBER	0.12W	15mm	5VDC	IP65
LED.217	1	WARM WHITE	0.12W	15mm	5VDC	IP65



MIDI
MONOCHROMATIC

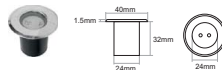
LED.206	2	BLUE	0.24W	30mm	12VAC	IP65
LED.207	2	GREEN	0.24W	30mm	12VAC	IP65
LED.208	2	RED	0.24W	30mm	12VAC	IP65
LED.209	2	COOL WHITE	0.24W	30mm	12VAC	IP65
LED.210	2	AMBER	0.24W	30mm	12VAC	IP65
LED.218	2	WARM WHITE	0.24W	30mm	12VAC	IP65



Transformer: TRF.002 / 50W

DECO
MONOCHROMATIC

LED.211	2	BLUE	0.24W	40mm	12VAC	IP65
LED.212	2	GREEN	0.24W	40mm	12VAC	IP65
LED.213	2	RED	0.24W	40mm	12VAC	IP65
LED.214	2	COOL WHITE	0.24W	40mm	12VAC	IP65
LED.215	2	AMBER	0.24W	40mm	12VAC	IP65
LED.219	2	WARM WHITE	0.24W	40mm	12VAC	IP65



Transformer: TRF.002 / 50W

Exterior Inground, Surface, Wall, Bollard 

UPOLE

UPOLE is a minimal bollard available in dark grey colour.

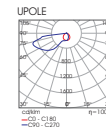
- Housing: Powder coated aluminium
- Cable: H05RN-F 3x0.75mm²
- IK Rate: IK06
- Ingress Protection: IP65



IP65

Model	Watt	CCT - Luminaire Lumen	CSI	Voltage	Colour	Dimensions	IP Rate
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UPOLE	14.2W	2700K - 636lm	80	230VAC	Dark Grey	104x80x600mm	IP65
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MAROON

Exterior Inground, Surface, Wall, Bollard 

MAROON Series is an elegant bollard available in 8 and 15 Watt.

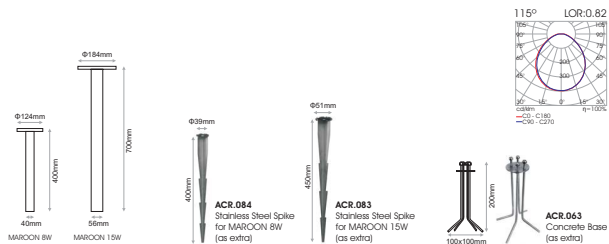
- It offers visual comfort and is ideal for outdoor landscapes.
- IK Rate: IK08
- L90/ B10 50000h
- Ingress Protection: IP65



LIGHTSOURCE BY
bridgelux IP65

Model	CCT	LED Source	Height	Type	CRI	Beam Angle	Colour	Dimming Option
MAROON 8W (MAROON 8)	2700K (278)	535lm	H: 400mm (402)	Fixed (FX)	80 (80)	115° (115)	Black (8)	230VAC (230)
	3000K (308)	540lm						
	4000K (408)	555lm						
MAROON 15W (MAROON 15)	2700K (278)	1505lm	H: 700mm (700)					
	3000K (308)	1512lm						
	4000K (408)	1525lm						

Ordering Code Example: MAROON 15-408-700-FX-80-115-BL-230



TRETTO

Exterior Inground, Surface, Wall, Bollard 

TRETTO is a minimal luminaire with pole available with one, two or three spots.

- It has minimal aesthetic: no visible screws on the luminaire.
- Available with base for ground installation or with base suitable for spike.
- The height of each luminaire on the pole is adjustable.
- Each luminaire is both rotatable and tiltable 360degrees.
- Body material and base: aluminium.
- Pole material: stainless steel.
- Spike material: plastic.
- Each luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Supplied in black colour as standard, custom RAL colours available upon request.
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- UGR<19 (15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



TRETTO 6.5W TRETTO 13W TRETTO 19.5W



TRETTO TRETTO with Snoot TRETTO with Half Snoot

Exterior Inground, Surface, Wall, Bollard 

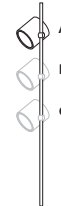
TRETTO

CREE LEDs IP67

Model	Type	Colour	CCT	CRI80 LED Source		CRI90 LED Source		Beam Angle	Dimming Option	Accessories
				80 (80)	90 (90)	80 (80)	90 (90)			
TRETTO 6.5W (TRETTO 7)	Base (BS)	Black (BL)	2700K (27C)	713lm	570lm	15° (15)	Without Driver (00)	Standard Snoot (01)	Half Snoot (21)	
	Spike (SP)		3000K (30C)	713lm	615lm	30° (30)	Non Dimmable (ND)			
TRETTO 13W (TRETTO 13)			4000K (40C)	765lm	600lm	46° (46)	Analogue (1-10V) (A1)	Standard (10)	Honeycomb (11)	
			5000K (50C)	765lm	713lm		DMX (DX)			Softening lens (12)
TRETTO 19.5W (TRETTO 20)			6500K (65C)	765lm	-		DALI (DL)	Line spread lens (13)		
							Push Button (PB)			
							Phase Cut (PC)			
							Wireless (WL)			

Ordering Code Guide for TRETTO:

- A: Upper module
- B: Middle module (where applicable)
- C: Lower module (where applicable)



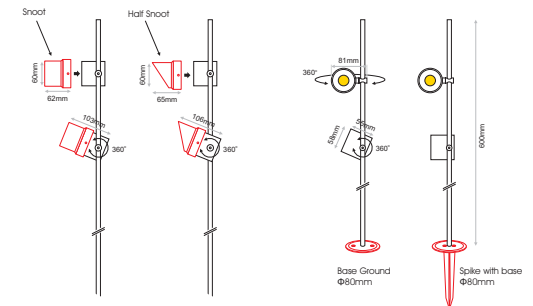
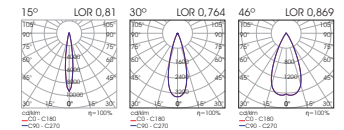
TRETTO model - Type - Colour - CCT - CRI - Beam Angle - Dimming - Accessories

(TRETTO 7)	(BS)	(BL)	A	A	A	A	A
(TRETTO 13)			AB	AB	AB	AB	AB
(TRETTO 20)			ABC	ABC	ABC	ABC	ABC

Note: If modules AB (for Tretto 13) or if all modules ABC (for Tretto 20) have common characteristic(s) please mention the characteristic(s) only once.

Ordering Code Examples:

- TRETTO 7-BL-30C-80-46-ND-01
- TRETTO 13-BL-30C50C-8090-4630-NDA1-0110
- TRETTO 20-BL-30C30C50C-809080-154646-ND-01



- ACR.053 Honeycomb (as extra)
- ACR.050 Softening lens (as extra)
- ACR.051 Line spread lens (as extra)

STOCKY

Exterior Inground, Surface, Wall, Bollard 

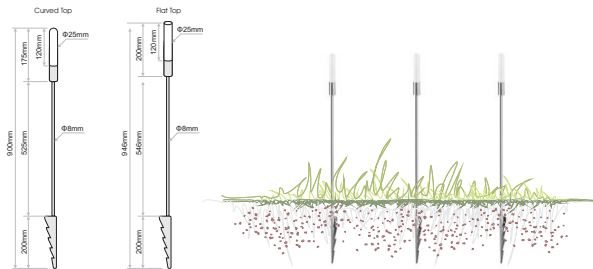
- Stocky luminaire is a linear slim luminaire with minimal aesthetic.
- Ideal to blend into an outdoor landscape.
- Material: Stainless steel / glass.
- Ingress Protection IP65
- IK Rate: IK06
- Also available upon request 2700K/4000K / 5600K.
- Also available upon request flat top (total height 945mm).



CREE LEDs IP65

Model	Glass	Finish	CCT	LED Source	Beam Angle	Voltage
STOCKY 2W (STOCKY 2)	Curved Top (CT) Flat Top (FT)	Stainless Steel (SS) Brass (BR)	3000K (30C)	182lm	94° (94)	24VDC (24)

Ordering Code Example: STOCKY 2-CT-SS-30C-94-24



MUSHROOM

Exterior Inground, Surface, Wall, Bollard 

- MUSHROOM is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 2x2200mAh Li-ion, 3.7V
- Battery charging time: 4.3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 6.5 hours at 100%, 15 hours at 40%, 60 hours at 10%.
- Ingress Protection: IP54



Rechargeable 

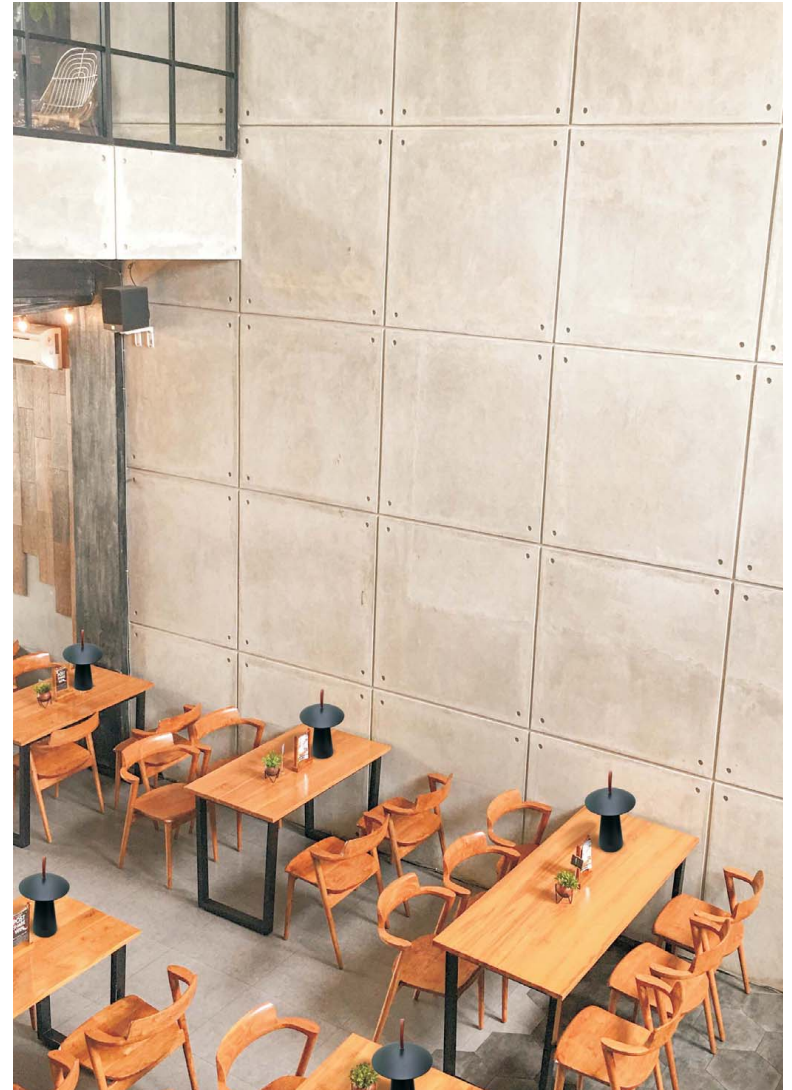
IP54

Code	Wall	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.002	2W	3000K - 263lm	2x2200mAh Li-ion, 3.7V	5VDC	197mm x (H)292mm	IP54



Charging time:
4.3hrs (5V/1A).

Battery life:
6.5 hrs at 100%, 15 hrs at 40%, 60 hrs at 10%.



MARLO

Exterior Inground, Surface, Wall, Bollard 

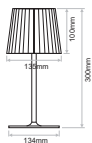
- MARLO is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium
- Available in Black or White.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-Ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54



Rechargeable 

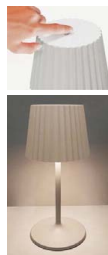
IP54

Code	Colour	Watt	CCT - lumen	Battery	Voltage	Dimensions	IP Rate
TAB.003	Black	2W	3000K - 183lm	1x2600mAh Li-Ion, 3.7V	5VDC	135mm x (H)300mm	IP54
TAB.004	White						



Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%



PHAROS

Exterior Inground, Surface, Wall, Bollard 

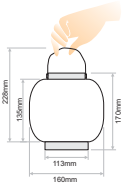
- PHAROS is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-Ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54



Rechargeable 

IP54

Code	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.000	2W	3000K - 202lm	1x2600mAh Li-Ion, 3.7V	5VDC	160mm x (H)228mm	IP54



Charging time:

3hrs (5V/1A)

Battery life:

4hrs at 100%, 10hrs at 40%, 40hrs at 10%



PLUMB

Exterior Inground, Surface, Wall, Bollard 

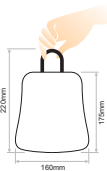
- PLUMB is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-Ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54



Rechargeable 

IP54

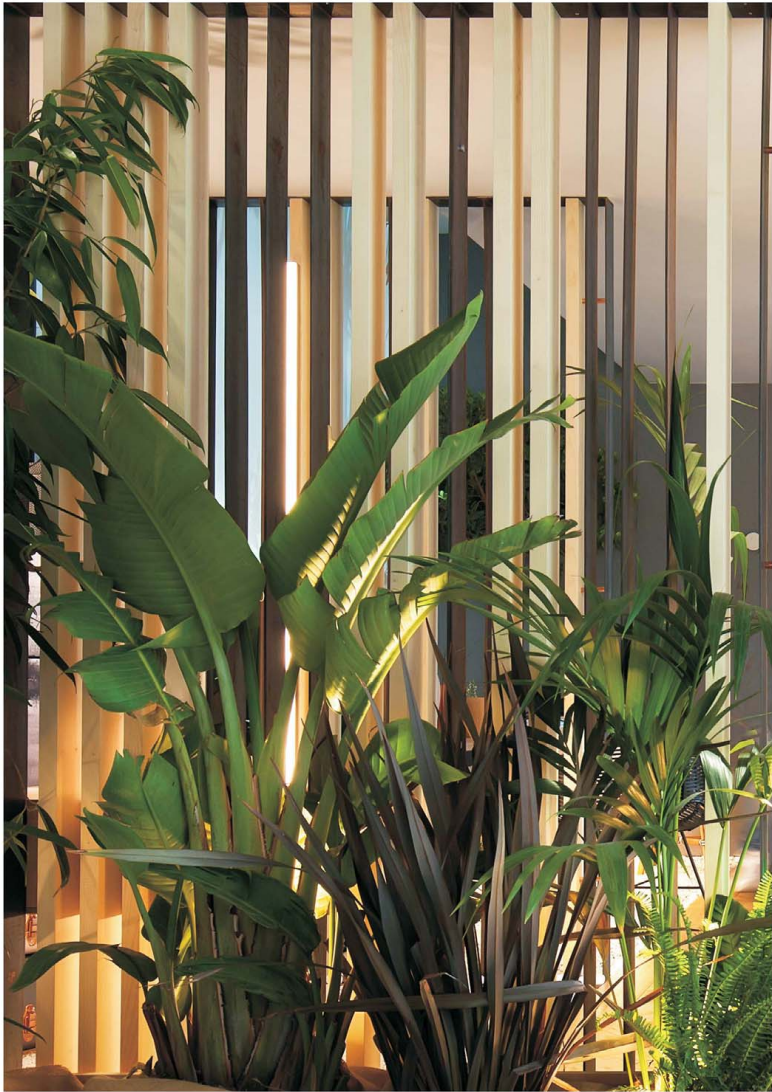
Code	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.001	2W	3000K - 212lm	1x2600mAh Li-Ion, 3.7V	5VDC	160mm x (H)220mm	IP54



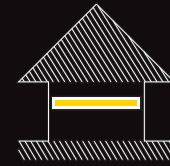
Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikiss St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

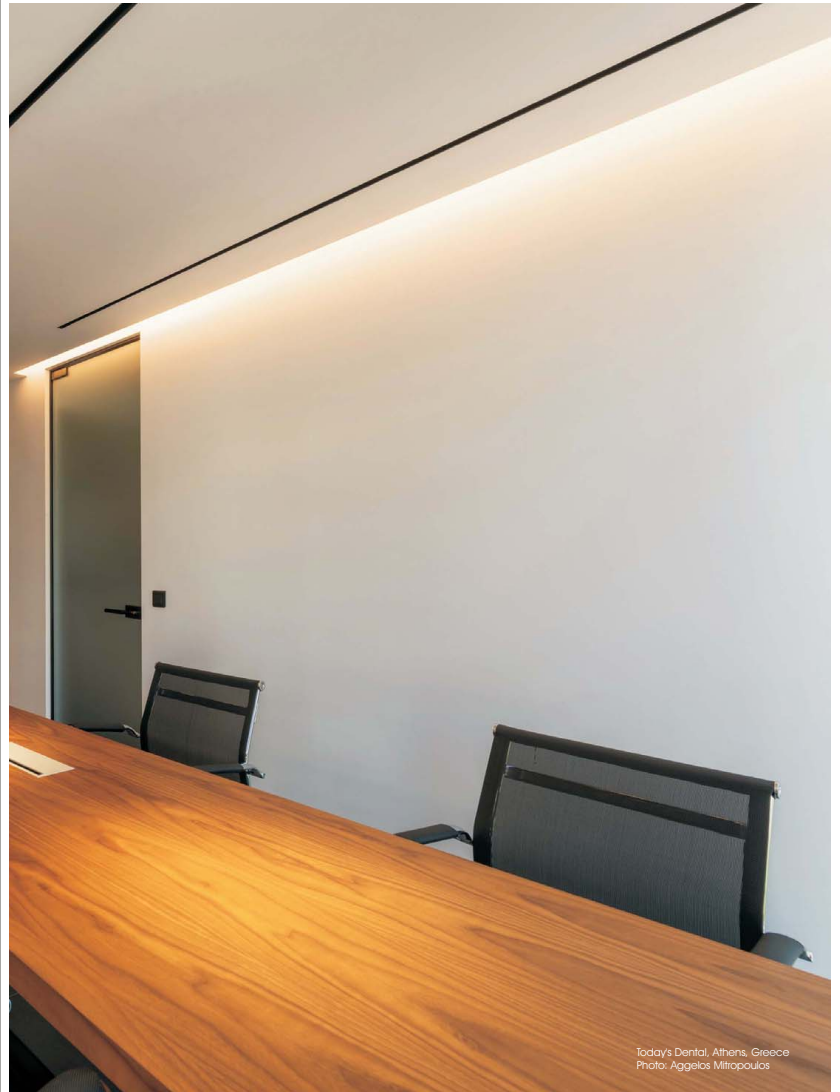


INTERIOR LINEAR

 **ELECTRON**



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

LINILINE RC/RCAG

(Recessed/Recessed Antiglare)

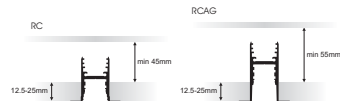
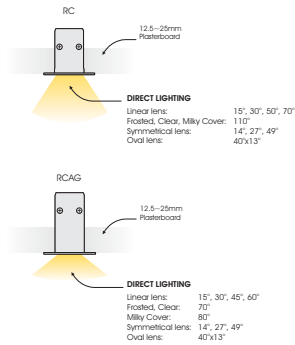
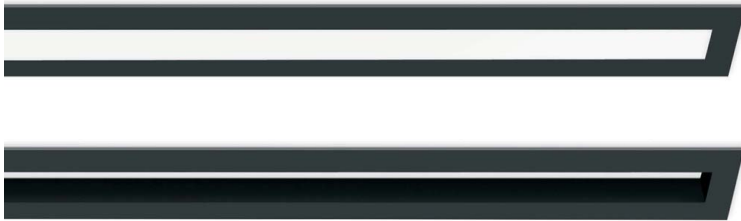


- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/P/PUSH BUTTON/Bluetooth

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours



Outer Dimensions:

for Standard Models:
32 x 54,2/79,2/104,2/129,2/154,2/179,2/204,2cm
Cutting hole:
22 x 53,2/78,2/103,2/128,2/153,2/178,2/203,2cm

for Superior Models:
32 x 51,6/76,6/101,6/126,6/151,6/176,6/201,6cm
Cutting hole:
22 x 50,6/75,6/100,6/125,6/150,6/175,6/200,6cm

Note: Cutting hole must be 10mm shorter than the luminaire length.



LINILINE RC/RCAG

(Recessed/Recessed Antiglare)

Direct:
Milky / Clear / Frosted cover



Direct:
Linear lens



Direct:
Symmetrical / Oval lens



Direct:
Symmetrical / Oval lens



LINILINE RC/RCAG
(Recessed/Recessed Antiglare)



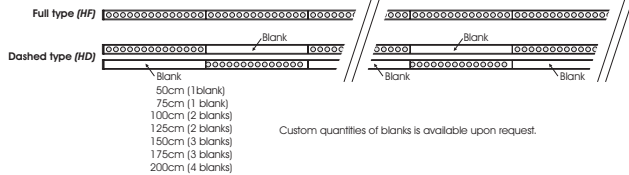
Standard Luminaire Colours:
Custom Colours available upon request



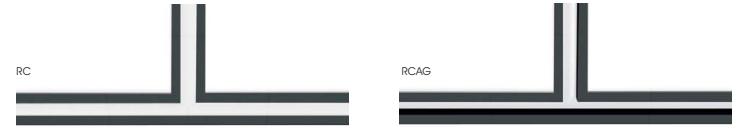
High density lenses
LINILINE RC/RCAG High efficiency



Low density lenses
LINILINE RC/RCAG High efficiency



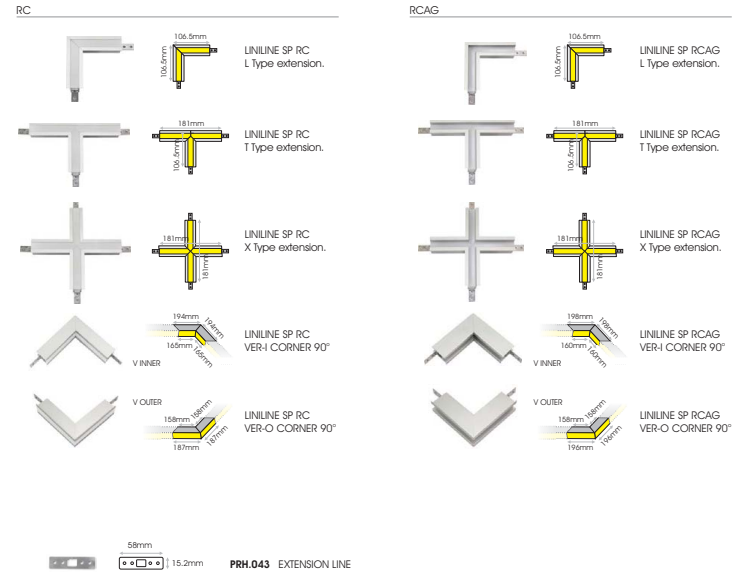
LINILINE RC/RCAG
(Recessed/Recessed Antiglare)



The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Liniline luminaires and accessories are made by built in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.



LINILINE RC/RCAG
(Recessed/Recessed Antiglare)



LINILINE RECESSED



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage
LINILINE STANDARD RECESSED <small>(LINILINE ST RC)</small>	Anodized (AN)	2000K (20)	> 80 (80)	DIRECT LIGHTING	Superior models****	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)	With LED strip (Nichia LEDs)	11W / 50cm (11W050)	
	Black (BL)	2700K (27)		15° Linear lens (15L)	15.7W / 75cm (16W075)	
		3000K (30)		30° Linear lens (30L)	21W / 100cm (21W100)	
		4000K (40)		50° Linear lens (50L)	26.3W / 125cm (26W125)	
LINILINE SUPERIOR RECESSED <small>(LINILINE SP RC)</small>		5700K (57)		70° Linear lens (70L)	31.5W / 150cm (32W150)	
				110° Frosted Cover (110F)	36.3W / 175cm (36W175)	
				110° Clear Cover (110C)	42W / 200cm (42W200)	
				110° Milky Cover (110M)		
				With LED modules (CREE LEDs)	Standard models*****	
			14° Symmetrical lens (14HF) (14HD) (14LF) (14LD)	11W / 54.2cm (11W054)		
			27° Symmetrical lens (27HF) (27HD) (27LF) (27LD)	15.7W / 79.2cm (16W079)		
			49° Symmetrical lens (49HF) (49HD) (49LF) (49LD)	21W / 104.2cm (21W104)		
			40°x13° Oval lens (40HF) (40HD) (40LF) (40LD)	26.3W / 129.2cm (26W129)		
				31.5W / 154.2cm (32W154)		
				36.3W / 179.2cm (36W179)		
				42W / 204.2cm (42W204)		

- * Tunable white, RGB and RGBW models are available upon request (for downlight and/or uplight).
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- ** Available in custom lengths, luminaire colours and power upon request.

- *** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
- **** Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power.
- (HF) High density Full 40W/m
- (HD) High density Dashed 20W/m
- (LF) Low density Full 21W/m
- (LD) Low density Dashed 10.5W/m
- ***** Dimension without end caps for Superior models (add 8mm for each end cap).
- ***** Dimension with end caps.

Ordering Code Example: LINILINE ST RC-AN-3080-110M-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt / Length***	Voltage
LINILINE SUPERIOR RECESSED L TYPE <small>(LINILINE SP RC-LT)</small>	Anodized (AN)	2000K (20)	> 80 (80)	With LED strip (Nichia LEDs)	3.5W / 10,65x10,65cm (4W1111)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)	15° Linear lens (15L)		
	Black (BL)	2700K (27)		30° Linear lens (30L)		
		3000K (30)		50° Linear lens (50L)	5.3W / 18,1x10,65cm (5W1811)	
		4000K (40)		70° Linear lens (70L)		
LINILINE SUPERIOR RECESSED T TYPE <small>(LINILINE SP RC-TT)</small>		5700K (57)		110° Frosted Cover (110F)		
				110° Clear Cover (110C)	7W / 18,1x18,1cm (7W1818)	
				110° Milky Cover (110M)		
LINILINE SUPERIOR RECESSED X TYPE <small>(LINILINE SP RC-XT)</small>				Models with symmetrical or oval lenses	7W / 16,5x16,5cm (5W1717)	
				Blank (BLK)		
LINILINE SUPERIOR RECESSED VER-1 TYPE <small>(LINILINE SP RC-VER1T)</small>				7W / 18,7x18,7cm (7W1919)		

- * Tunable white, RGB and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaires.
- *** The returned dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE PD-LT-AN-3080-30L-4W1111-24



LINILINE RC/RCAG
(Recessed/Recessed Antiglare)



LINILINE RECESSED ANTIGLARE

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length**	Voltage
LINILINE STANDARD RECESSED ANTIGLARE <small>(LINILINE ST RCAG)</small>	Anodized (AN)	2000K (20)	> 80 (80)	DIRECT LIGHTING	Superior models****	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)	With LED strip (Nichia LEDs)	11W / 50cm (11W050)	
	Black (BL)	2700K (27)		15° Linear lens (15L)	15.7W / 75cm (16W075)	
		3000K (30)		30° Linear lens (30L)	21W / 100cm (21W100)	
		4000K (40)		45° Linear lens (45L)	26.3W / 125cm (26W125)	
LINILINE SUPERIOR RECESSED ANTIGLARE <small>(LINILINE SP RCAG)</small>		5700K (57)		60° Linear lens (60L)	31.5W / 150cm (32W150)	
				70° Frosted Cover (70F)	36.3W / 175cm (36W175)	
				70° Clear Cover (70C)	42W / 200cm (42W200)	
				80° Milky Cover (80M)		
				With LED modules (CREE LEDs)	Standard models*****	
			14° Symmetrical lens (14HF) (14HD) (14LF) (14LD)	11W / 54.2cm (11W054)		
			27° Symmetrical lens (27HF) (27HD) (27LF) (27LD)	15.7W / 79.2cm (16W079)		
			49° Symmetrical lens (49HF) (49HD) (49LF) (49LD)	21W / 104.2cm (21W104)		
			40°x13° Oval lens (40HF) (40HD) (40LF) (40LD)	26.3W / 129.2cm (26W129)		
				31.5W / 154.2cm (32W154)		
				36.3W / 179.2cm (36W179)		
				42W / 204.2cm (42W204)		

- * Tunable white, RGB and RGBW models are available upon request (for downlight and/or uplight).
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- ** Available in custom lengths, luminaire colours and power upon request.

- *** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
- **** Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power.
- (HF) High density Full 40W/m
- (HD) High density Dashed 20W/m
- (LF) Low density Full 21W/m
- (LD) Low density Dashed 10.5W/m
- ***** Length without end caps for Superior models (add 8mm for each end cap).
- ***** Dimension with end caps.

Ordering Code Example: LINILINE ST RCAG-AN-3080-70F-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt / Length***	Voltage
LINILINE SUPERIOR RECESSED ANTIGLARE L TYPE <small>(LINILINE SP RCAG-LT)</small>	Anodized (AN)	2000K (20)	> 80 (80)	With LED strip (Nichia LEDs)	3.5W / 10,65x10,65cm (4W1111)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)	15° Linear lens (15L)		
	Black (BL)	2700K (27)		30° Linear lens (30L)		
		3000K (30)		45° Linear lens (45L)	5.3W / 10,65x18,1cm (5W1118)	
		4000K (40)		60° Linear lens (60L)		
LINILINE SUPERIOR RECESSED ANTIGLARE T TYPE <small>(LINILINE SP RCAG-TT)</small>		5700K (57)		70° Frosted Cover (70F)		
				70° Clear Cover (70C)	7W / 18,1x18,1cm (7W1818)	
				80° Milky Cover (80M)		
LINILINE SUPERIOR RECESSED ANTIGLARE X TYPE <small>(LINILINE SP RCAG-XT)</small>				Models with symmetrical or oval lenses	7W / 16x16cm (5W1616)	
				Blank (BLK)		
LINILINE SUPERIOR RECESSED ANTIGLARE VER-1 TYPE <small>(LINILINE SP RCAG-VER1T)</small>				7W / 19,6x19,6cm (7W2020)		

- * Tunable white, RGB and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaires.
- *** The returned dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP RCAG-LT-AN-3080-30L-4W1111-24



LINILINE TR/TRAG

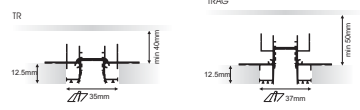
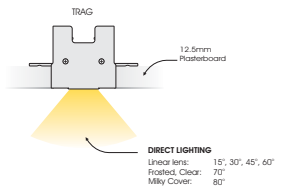
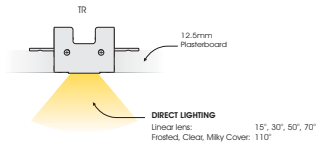
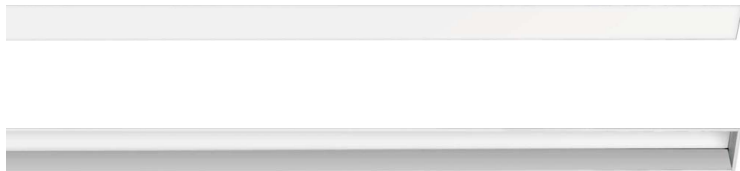
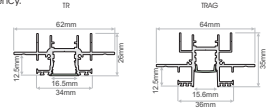
(Trimless/Trimless Antiglare)



- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/R/R/P/PUSH BUTTON/Bluetooth

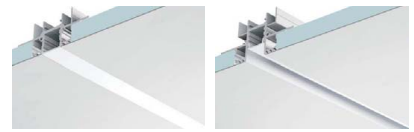
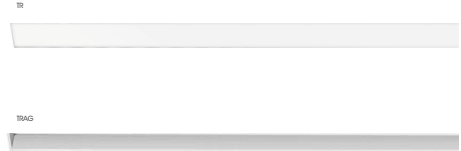
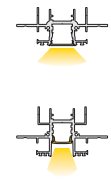
- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours



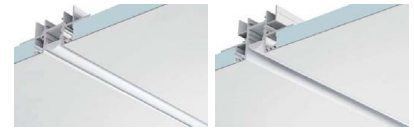
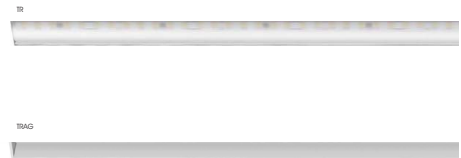
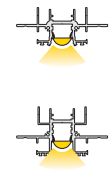
LINILINE TR/TRAG

(Trimless/Trimless Antiglare)

Direct:
Milky / Clear / Frosted cover



Direct:
Linear lens



LINILINE TR/TRAG
(trimless/firmless Antiglare)

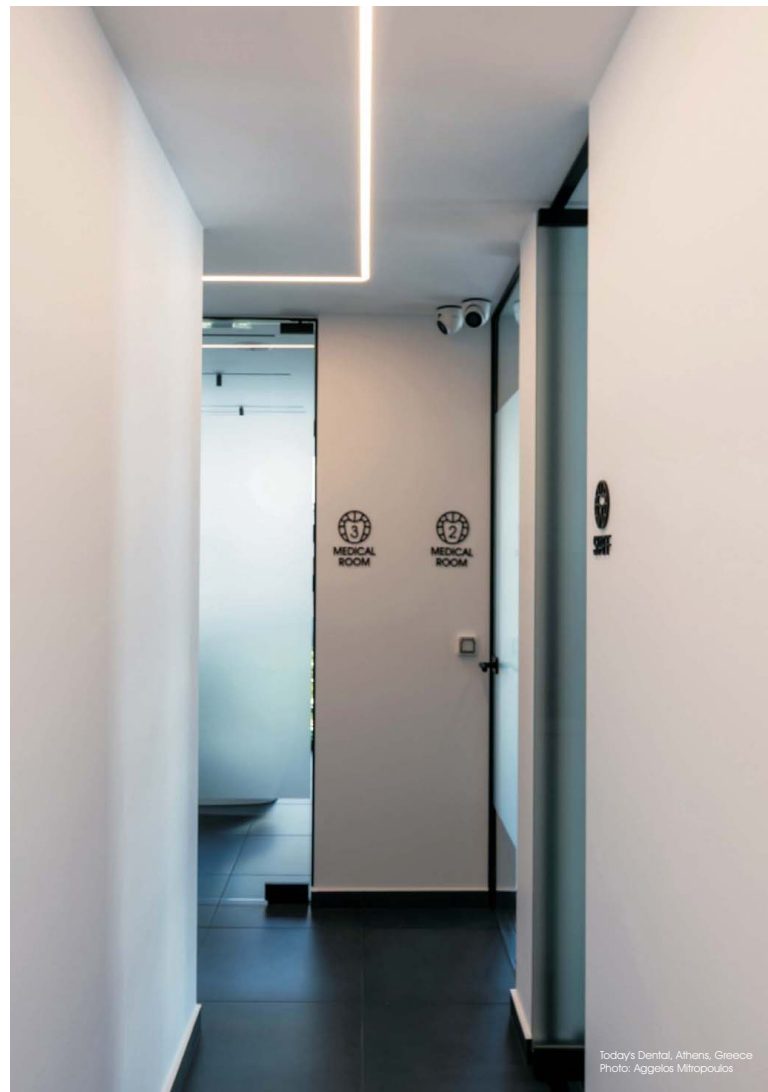
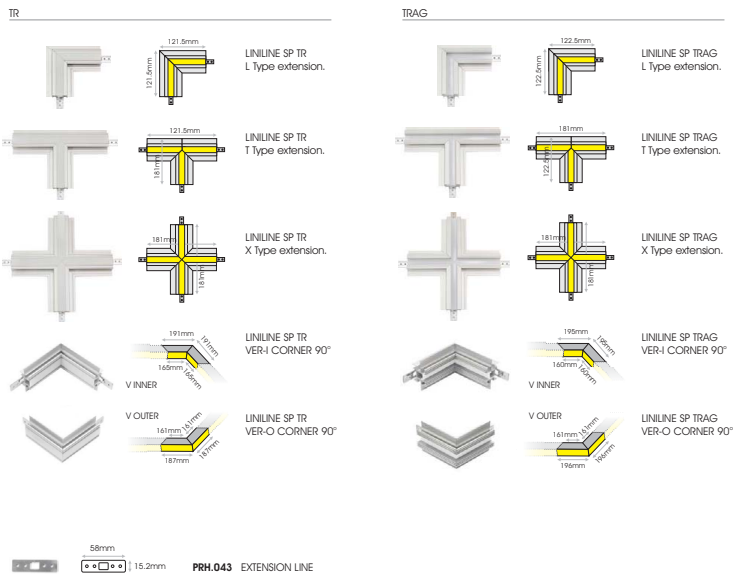
Interior Linear 



The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.



Today's Dental, Athens, Greece
Photo: Aggelos Mithopoulos

LINILINE TR/TRAG
(trimless/firmless Antiglare)



LINILINE TRIMLESS



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt* / Length**	Voltage
DIRECT LIGHTING						
LINILINE STANDARD TRIMLESS <small>(LINILINE ST TR)</small>	Anodized (AN)	2000K (20)	> 80 (80)	With LED strip (Nichia LEDs)	Superior models***	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)		11W / 50cm (11W050)	
	Black (BL)	2700K (27)			15.7W / 75cm (16W075)	
		3000K (30)			21W / 100cm (21W100)	
		4000K (40)			26.3W / 125cm (26W125)	
LINILINE SUPERIOR TRIMLESS <small>(LINILINE SP TR)</small>		5700K (57)		70° Linear lens (70L)	31.5W / 150cm (32W150)	
				110° Frosted Cover (110F)	36.3W / 175cm (36W175)	
				110° Clear Cover (110C)	42W / 200cm (42W200)	
				110° Milky Cover (110M)		
				Standard models****	11W / 53cm (11W053)	
				15.7W / 78cm (16W078)		
				21W / 103cm (21W103)		
				26.3W / 128cm (26W128)		
				31.5W / 153cm (32W153)		
				36.3W / 178cm (36W178)		
				42W / 203cm (42W203)		

- * Tunable white, RG8 and RGBW models are available upon request (for downlight and/or uplight)
- ** Available in custom lengths, luminaire colours and power upon request.
- *** Dimension without end caps for Superior models (add 1.5mm for each end cap).
- **** Dimension with end caps.

Ordering Code Example: LINILINE ST TR-AN-3080-110M-42W200-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt*** / Length	Voltage
LINILINE SUPERIOR TRIMLESS L TYPE <small>(LINILINE SP TR-LT)</small>	Anodized (AN)	2000K (20)	> 80 (80)	With LED strip (Nichia LEDs)	3.5W / 12.15x12.15cm (4W1212)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)			
	Black (BL)	2700K (27)				
		3000K (30)				
		4000K (40)				
LINILINE SUPERIOR TRIMLESS T TYPE <small>(LINILINE SP TR-TT)</small>		5700K (57)		70° Linear lens (70L)	5.3W / 12.15x18.1cm (5W1218)	
				110° Frosted Cover (110F)		
				110° Clear Cover (110C)	7W / 18.1x18.1cm (7W1818)	
				110° Milky Cover (110M)		
					7W / 16.5x16.5cm (7W1717)	
LINILINE SUPERIOR TRIMLESS X TYPE <small>(LINILINE SP TR-XT)</small>					7W / 18.7x18.7cm (7W1919)	

- * Tunable white, RG8 and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaire.
- *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP TR-LT-AN-3080-30L-4W1010-24



LINILINE TR/TRAG
(trimless/firmless Antiglare)

LINILINE TRIMLESS ANTI GLARE



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt* / Length**	Voltage
DIRECT LIGHTING						
LINILINE STANDARD TRIMLESS ANTI GLARE <small>(LINILINE ST TR-AG)</small>	Anodized (AN)	2000K (20)	> 80 (80)	With LED strip (Nichia LEDs)	Superior models***	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)		11W / 50cm (11W050)	
	Black (BL)	2700K (27)			15.7W / 75cm (16W075)	
		3000K (30)			21W / 100cm (21W100)	
		4000K (40)			26.3W / 125cm (26W125)	
LINILINE SUPERIOR TRIMLESS ANTI GLARE <small>(LINILINE SP TR-AG)</small>		5700K (57)		70° Linear lens (70L)	31.5W / 150cm (32W150)	
				70° Frosted Cover (70F)	36.3W / 175cm (36W175)	
				70° Clear Cover (70C)	42W / 200cm (42W200)	
				80° Milky Cover (80M)		
				Standard models****	11W / 53cm (11W053)	
				15.7W / 78cm (16W078)		
				21W / 103cm (21W103)		
				26.3W / 128cm (26W128)		
				31.5W / 153cm (32W153)		
				36.3W / 178cm (36W178)		
				42W / 203cm (42W203)		

- * Tunable white, RG8 and RGBW models are available upon request (for downlight and/or uplight)
- ** Available in custom lengths, luminaire colours and power upon request.
- *** Dimension without end caps for Superior models (add 1.5mm for each end cap).
- **** Dimension with end caps.

Ordering Code Example: LINILINE ST TR-AG-AN-3080-70F-36W175-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt*** / Length	Voltage
LINILINE SUPERIOR TRIMLESS ANTI GLARE L TYPE <small>(LINILINE SP TR-AG-LT)</small>	Anodized (AN)	2000K (20)	> 80 (80)	With LED strip (Nichia LEDs)	3.5W / 12.25x12.25cm (4W1212)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)			
	Black (BL)	2700K (27)				
		3000K (30)				
		4000K (40)				
LINILINE SUPERIOR TRIMLESS ANTI GLARE T TYPE <small>(LINILINE SP TR-AG-TT)</small>		5700K (57)		70° Linear lens (70L)	5.3W / 12.25x18.1cm (5W1218)	
				60° Linear lens (60L)		
				70° Frosted Cover (70F)		
				70° Clear Cover (70C)	7W / 18.1x18.1cm (7W1818)	
				80° Milky Cover (80M)		
LINILINE SUPERIOR TRIMLESS ANTI GLARE X TYPE <small>(LINILINE SP TR-AG-XT)</small>					7W / 16x16cm (7W1616)	
					7W / 19.6x19.6cm (7W2020)	

- * Tunable white, RG8 and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaire.
- *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP TR-AG-LT-AN-3080-30L-4W1010-24

LINILINE SF/SFAG

(Surface/Surface Antiglare)

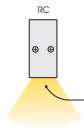
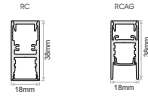


- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTON/Bluetooth

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours



DIRECT LIGHTING
Linear lens: 15°, 30°, 50°, 70°
Frosted, Clear, Milky Cover: 110°
Symmetrical lens: 14°, 27°, 49°
Oval lens: 40°x13°



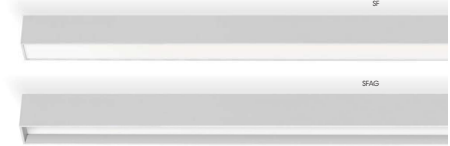
DIRECT LIGHTING
Linear lens: 15°, 30°, 45°, 60°
Frosted, Clear: 70°
Milky Cover: 80°
Symmetrical lens: 14°, 27°, 49°
Oval lens: 40°x13°



LINILINE SF/SFAG

(Surface/Surface Antiglare)

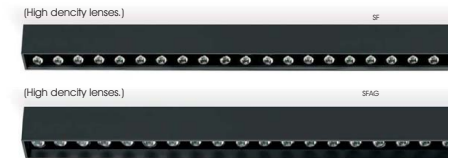
Direct:
Milky / Clear / Frosted cover



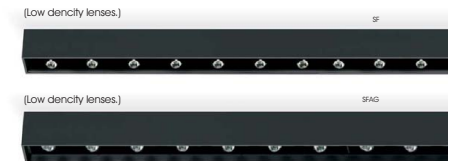
Direct:
Linear lens



Direct:
Symmetrical / Oval lens



Direct:
Symmetrical / Oval lens



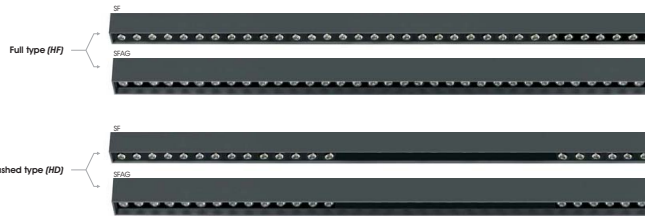
LINILINE SF/SFAG
(Surface/Surface Antiglare)



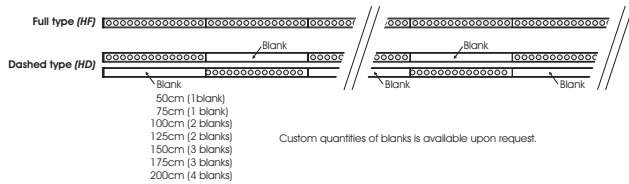
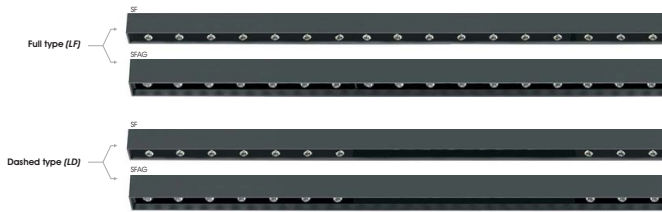
Standard Luminaire Colours:
Custom Colours available upon request



High density lenses
LINILINE SF/SFAG High efficiency



Low density lenses
LINILINE SF/SFAG High efficiency



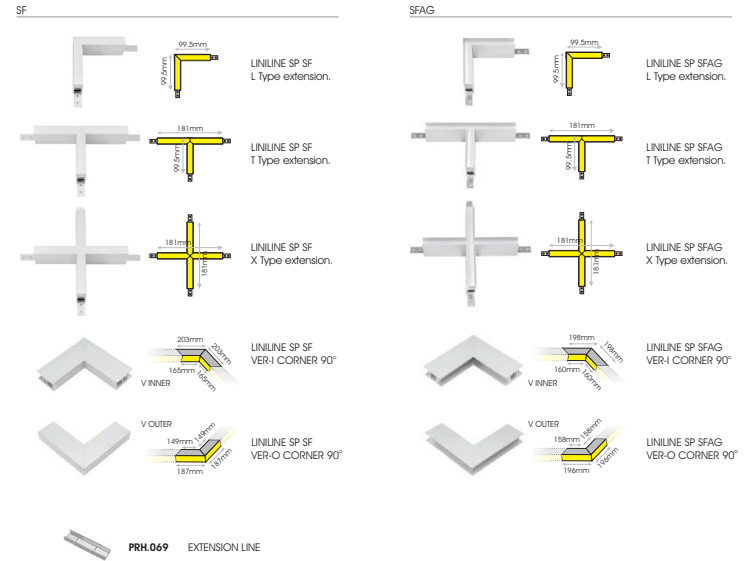
LINILINE SF/SFAG
(Surface/Surface Antiglare)



The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Liniline luminaires and accessories are made by built in in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.



LINILINE SF/SFAG
(Surface/Surface Antiglare)



LINILINE SURFACE



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length **	Voltage
LINILINE STANDARD SURFACE <i>(LINILINE SF SF)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	> 80 <i>(80)</i>	DIRECT LIGHTING	Superior models****	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25)</i>	> 90 <i>(90)</i>	With LED strip (Nichia LEDs)	11W / 50cm <i>(11W050)</i>	
	Black <i>(BL)</i>	2700K <i>(27)</i>		15° Linear lens <i>(15L)</i>	15.7W / 75cm <i>(16W075)</i>	
		3000K <i>(30)</i>		30° Linear lens <i>(30L)</i>	21W / 100cm <i>(21W100)</i>	
		4000K <i>(40)</i>		50° Linear lens <i>(50L)</i>	26.3W / 125cm <i>(26W125)</i>	
LINILINE SUPERIOR SURFACE <i>(LINILINE SP SF)</i>		5700K <i>(57)</i>		70° Linear lens <i>(70L)</i>	31.5W / 150cm <i>(32W150)</i>	
				110° Frosted Cover <i>(110F)</i>	36.3W / 175cm <i>(36W175)</i>	
				110° Clear Cover <i>(110C)</i>	42W / 200cm <i>(42W200)</i>	
				110° Milky Cover <i>(110M)</i>		
				With LED modules (CREE LEDs)	Standard models*****	
			14° Symmetrical lens <i>(14#F) (14#D) (14LF) (14LD)</i>	11W / 53cm <i>(11W053)</i>		
			27° Symmetrical lens <i>(27#F) (27#D) (27LF) (27LD)</i>	15.7W / 78cm <i>(16W078)</i>		
			49° Symmetrical lens <i>(49#F) (49#D) (49LF) (49LD)</i>	21W / 103cm <i>(21W103)</i>		
			40°x13° Oval lens <i>(40#F) (40#D) (40LF) (40LD)</i>	26.3W / 128cm <i>(26W128)</i>		
				31.5W / 153cm <i>(32W153)</i>		
				36.3W / 178cm <i>(36W178)</i>		
				42W / 203cm <i>(42W203)</i>		

- * Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight).
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- *** Available in custom lengths, luminaire colour and power upon request.

- *** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
- Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power:
- (HF) High density Full 40W/m,
- (HD) High density Dashed 20W/m,
- (LF) Low density Full 21W/m,
- (LD) Low density Dashed 10.5W/m
- **** Dimension without end caps for Superior models (add 2mm for each end cap).
- ***** Dimension with end caps.

Ordering Code Example: *LINILINE SF SF-AN-3080-110M-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR SURFACE L TYPE <i>(LINILINE SP SF-LT)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	> 80 <i>(80)</i>	With LED strip (Nichia LEDs)	3.5W / 9.95x9.95cm <i>(4W1010)</i>	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25)</i>	> 90 <i>(90)</i>	15° Linear lens <i>(15L)</i>		
	Black <i>(BL)</i>	2700K <i>(27)</i>		30° Linear lens <i>(30L)</i>		
		3000K <i>(30)</i>		50° Linear lens <i>(50L)</i>		
		4000K <i>(40)</i>		70° Linear lens <i>(70L)</i>	5.3W / 9.95x18.1cm <i>(5W1018)</i>	
LINILINE SUPERIOR SURFACE T TYPE <i>(LINILINE SP SF-TT)</i>		5700K <i>(57)</i>		110° Frosted Cover <i>(110F)</i>		
				110° Clear Cover <i>(110C)</i>	7W / 18.1x18.1cm <i>(7W1818)</i>	
				110° Milky Cover <i>(110M)</i>		
				Models with symmetrical or oval lenses		
LINILINE SUPERIOR SURFACE X TYPE <i>(LINILINE SP SF-XT)</i>				Blank <i>(BLK)</i>	7W / 16.5x16.5cm <i>(5W1018)</i>	
					7W / 18.7x18.7cm <i>(7W1818)</i>	
LINILINE SUPERIOR SURFACE VER-I TYPE <i>(LINILINE SP SF-VER-IT)</i>						
LINILINE SUPERIOR SURFACE VER-O TYPE <i>(LINILINE SP SF-VER-OT)</i>						

- * Tunable white, RGB and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaires.
- *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP SF-LT-AN-3080-30L-4W1010-24*



LINILINE SF/SFAG
(Surface/Surface Antiglare)

LINILINE SURFACE ANTIGLARE



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length **	Voltage
LINILINE STANDARD SURFACE ANTIGLARE <i>(LINILINE SF SFAG)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	> 80 <i>(80)</i>	DIRECT LIGHTING	Superior models****	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25)</i>	> 90 <i>(90)</i>	With LED strip (Nichia LEDs)	11W / 50cm <i>(11W050)</i>	
	Black <i>(BL)</i>	2700K <i>(27)</i>		15° Linear lens <i>(15L)</i>	15.7W / 75cm <i>(16W075)</i>	
		3000K <i>(30)</i>		30° Linear lens <i>(30L)</i>	21W / 100cm <i>(21W100)</i>	
		4000K <i>(40)</i>		45° Linear lens <i>(45L)</i>	26.3W / 125cm <i>(26W125)</i>	
LINILINE SUPERIOR SURFACE ANTIGLARE <i>(LINILINE SP SFAG)</i>		5700K <i>(57)</i>		60° Linear lens <i>(60L)</i>	31.5W / 150cm <i>(32W150)</i>	
				70° Frosted Cover <i>(70F)</i>	36.3W / 175cm <i>(36W175)</i>	
				70° Clear Cover <i>(70C)</i>	42W / 200cm <i>(42W200)</i>	
				80° Milky Cover <i>(80M)</i>		
				With LED modules (CREE LEDs)	Standard models*****	
			14° Symmetrical lens <i>(14#F) (14#D) (14LF) (14LD)</i>	11W / 53cm <i>(11W053)</i>		
			27° Symmetrical lens <i>(27#F) (27#D) (27LF) (27LD)</i>	15.7W / 78cm <i>(16W078)</i>		
			49° Symmetrical lens <i>(49#F) (49#D) (49LF) (49LD)</i>	21W / 103cm <i>(21W103)</i>		
			40°x13° Oval lens <i>(40#F) (40#D) (40LF) (40LD)</i>	26.3W / 128cm <i>(26W128)</i>		
				31.5W / 153cm <i>(32W153)</i>		
				36.3W / 178cm <i>(36W178)</i>		
				42W / 203cm <i>(42W203)</i>		

- * Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight).
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- *** Available in custom lengths, luminaire colour and power upon request.

- *** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
- Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power:
- (HF) High density Full 40W/m,
- (HD) High density Dashed 20W/m,
- (LF) Low density Full 21W/m,
- (LD) Low density Dashed 10.5W/m
- **** Dimension without end caps for Superior models (add 2mm for each end cap).
- ***** Dimension with end caps.

Ordering Code Example: *LINILINE SF SFAG-AN-3080-70F-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR SURFACE ANTIGLARE L TYPE <i>(LINILINE SP SFAG-LT)</i>	Anodized <i>(AN)</i>	2000K <i>(20)</i>	> 80 <i>(80)</i>	With LED strip (Nichia LEDs)	3.5W / 9.95x9.95cm <i>(4W1010)</i>	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25)</i>	> 90 <i>(90)</i>	15° Linear lens <i>(15L)</i>		
	Black <i>(BL)</i>	2700K <i>(27)</i>		30° Linear lens <i>(30L)</i>		
		3000K <i>(30)</i>		45° Linear lens <i>(45L)</i>	5.3W / 9.95x18.1cm <i>(5W1018)</i>	
		4000K <i>(40)</i>		60° Linear lens <i>(60L)</i>		
LINILINE SUPERIOR SURFACE ANTIGLARE T TYPE <i>(LINILINE SP SFAG-TT)</i>		5700K <i>(57)</i>		70° Frosted Cover <i>(70F)</i>		
				70° Clear Cover <i>(70C)</i>	7W / 18.1x18.1cm <i>(7W1818)</i>	
				80° Milky Cover <i>(80M)</i>		
				Models with symmetrical or oval lenses		
LINILINE SUPERIOR SURFACE ANTIGLARE X TYPE <i>(LINILINE SP SFAG-XT)</i>				Blank <i>(BLK)</i>	7W / 16x16cm <i>(7W1616)</i>	
					7W / 19.6x19.6cm <i>(7W2020)</i>	
LINILINE SUPERIOR SURFACE ANTIGLARE VER-I TYPE <i>(LINILINE SP SFAG-VER-IT)</i>						
LINILINE SUPERIOR SURFACE ANTIGLARE VER-O TYPE <i>(LINILINE SP SFAG-VER-OT)</i>						

- * Tunable white, RGB and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaires.
- *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP SFAG-LT-AN-3080-30L-4W1010-24*



LINILINE PD/PDAG

(Pendant/Pendant Antiglare)

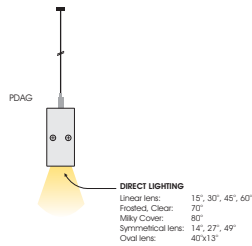
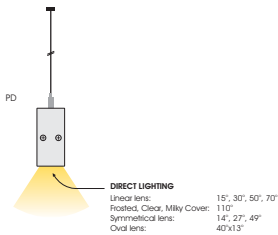
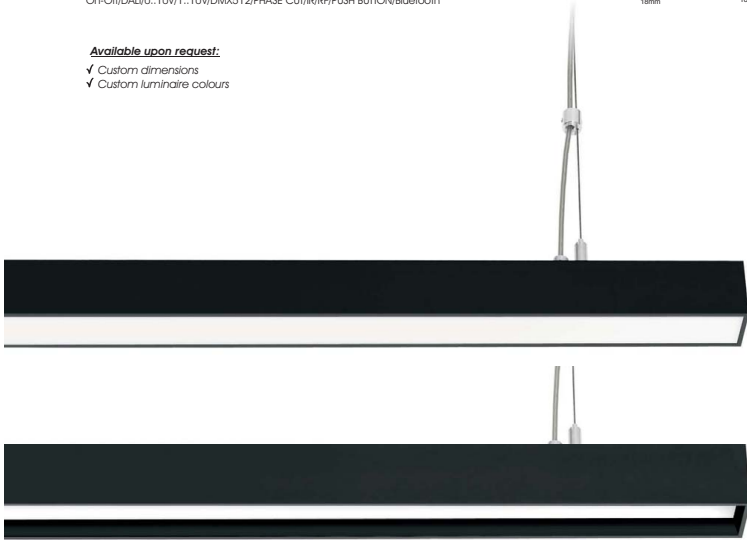
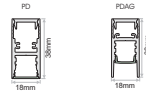


- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth

Available upon request:

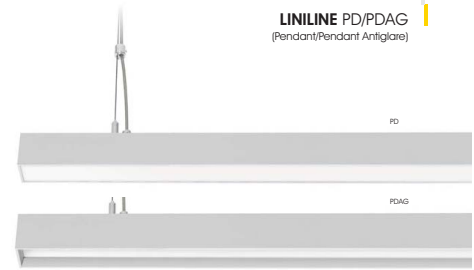
- ✓ Custom dimensions
- ✓ Custom luminaire colours



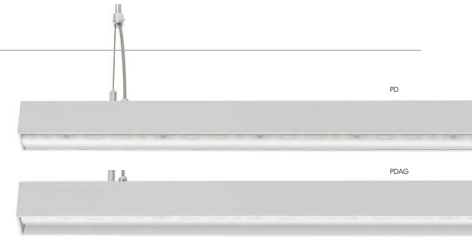
LINILINE PD/PDAG

(Pendant/Pendant Antiglare)

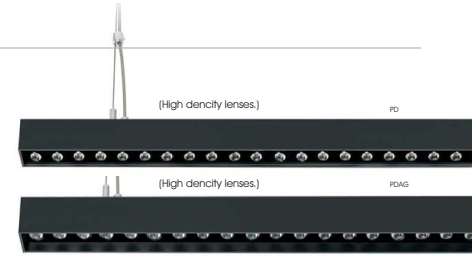
Direct:
Milky / Clear / Frosted cover



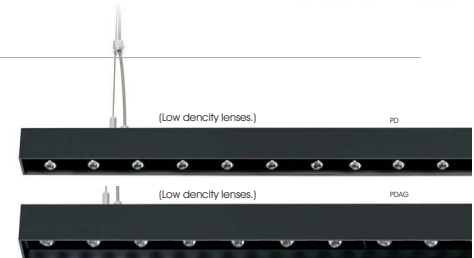
Direct:
Linear lens



Direct:
Symmetrical / Oval lens



Direct:
Symmetrical / Oval lens



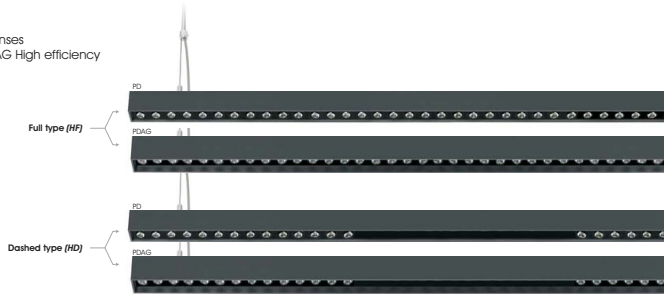
LINILINE PD/PDAG
(Pendant/Pendant Antiglare)



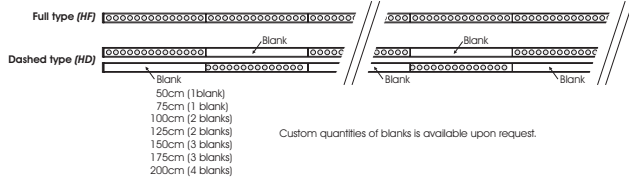
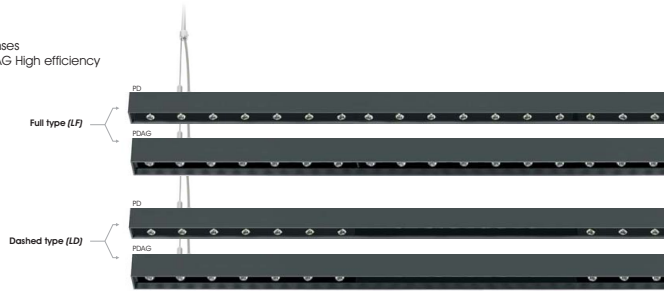
Standard Luminaire Colours:
Custom Colours available upon request



High density lenses
LINILINE PD/PDAG High efficiency



Low density lenses
LINILINE PD/PDAG High efficiency



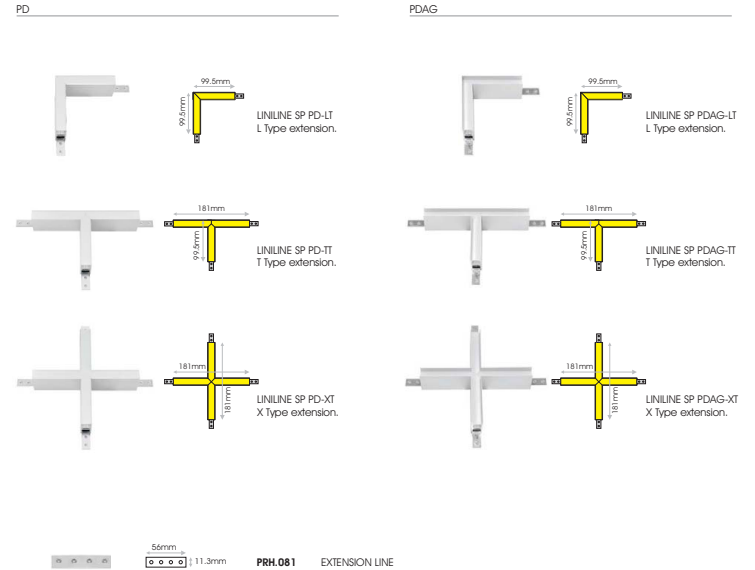
LINILINE PD/PDAG
(Pendant/Pendant Antiglare)



The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Liniline luminaires and accessories are made by built in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.



LINILINE PD/PDAG
(Pendant/Pendant Antigrav)



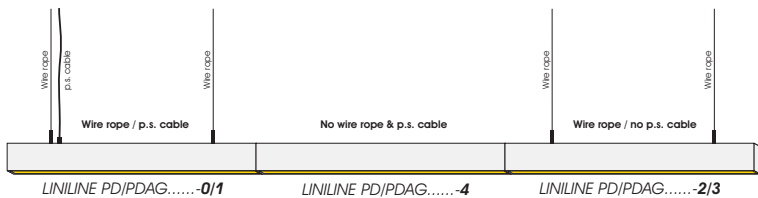
PD



PDAG

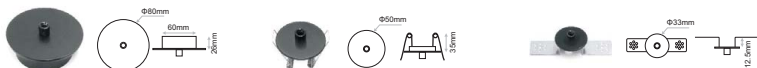


Build-in connectors and internal wiring for electrical connection of Superior luminaires.



Order code example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions. The second and third luminaire supplied from the first through build-in connectors and internal wiring.

Canopy



- PRH.039 Canopy Surface WHITE
- PRH.082 Canopy Surface BLACK
- PRH.085 Canopy Surface LIGHT GREY

- PRH.040 Canopy Recessed WHITE
- PRH.083 Canopy Recessed BLACK
- PRH.086 Canopy Recessed LIGHT GREY

- PRH.041 Canopy Trimless WHITE
- PRH.084 Canopy Trimless BLACK
- PRH.087 Canopy Trimless LIGHT GREY



Private Residence, Athens, Greece
Tosao Architecture Network

3rd Winner of the H user
prize as the best family residence in Europe

LINILINE PD/PDAG
(Pendant/Pendant Antiglare)



LINILINE PENDANT



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length **	Voltage	Extras
DIRECT LIGHTING							
LINILINE STANDARD PENDANT <small>(LINILINE ST PD)</small>	Anodized (AN)	2000K (20)	> 80 (80)		With LED strip (Nichia LEDs)	24VDC (24)	Wire Rope Length & p.s. cable
	White (WH)	2500K (25)	> 90 (90)		15° Linear lens (15L)	11W / 50cm (11W050)	1.5m / p.s. cable (1)
	Black (BL)	2700K (27)			30° Linear lens (30L)	15.7W / 75cm (16W075)	3m / p.s. cable (1)
		3000K (30)			50° Linear lens (50L)	21W / 100cm (21W100)	1.5m / no p.s.cable (2)
		4000K (40)			70° Linear lens (70L)	26.3W / 125cm (26W125)	3m / no p.s.cable (4)
LINILINE SUPERIOR PENDANT <small>(LINILINE SP PD)</small>		5700K (57)			110° Frosted Cover (110F)	31.5W / 150cm (32W150)	No w.ropes & p.s.cable (5)
					110° Clear Cover (110C)	36.3W / 175cm (36W175)	
					110° Milky Cover (110M)	42W / 200cm (42W200)	
					With LED modules (CREE LED)	Standard models****	
					14° Symmetrical lens (14H#) (14HD) (14LF) (14LD)	11W / 53cm (11W053)	without in-out int.wiring (5)
				27° Symmetrical lens (27H#) (27HD) (27LF) (27LD)	15.7W / 78cm (16W078)	3m / p.s. cable (6)	
				49° Symmetrical lens (49H#) (49HD) (49LF) (49LD)	21W / 103cm (21W103)		
				40°x13° Oval lens (40H#) (40HD) (40LF) (40LD)	26.3W / 128cm (26W128)		
					31.5W / 153cm (32W153)		
					36.3W / 178cm (36W178)		
					42W / 203cm (42W203)		

- * Tunable white, RGB and RGBW models are available upon request (for downlight and/or upright).
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- *** Available in custom lengths, luminaire colours and power upon request.

- *** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power: (HF) High density Full 40W/m, (HD) High density Dashed 20W/m, (LF) Low density Full 21W/m, (LD) Low density Dashed 10.5W/m
- **** Dimensions without end caps. Add 2mm for each end cap.
- ***** Dimensions with end caps.

Ordering Code Example: LINILINE SP PD-AN-3080-27LF-32W150-24-0

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT L TYPE <small>(LINILINE SP PD-LT)</small>	Anodized (AN)	2000K (20)	> 80 (80)		With LED strip (Nichia LEDs)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)		15° Linear lens (15L)	3.5W / 9.95x9.95cm (4W1010)
	Black (BL)	2700K (27)			30° Linear lens (30L)	
		3000K (30)			50° Linear lens (50L)	5.3W / 9.95x18,1cm (5W1018)
		4000K (40)			70° Linear lens (70L)	
LINILINE SUPERIOR PENDANT T TYPE <small>(LINILINE SP PD-TT)</small>		5700K (57)			110° Frosted Cover (110F)	
					110° Clear Cover (110C)	
					110° Milky Cover (110M)	
LINILINE SUPERIOR PENDANT X TYPE <small>(LINILINE SP PD-XT)</small>					Models with symmetrical or oval lenses	
					Blank (BLK)	

- * Tunable white, RGB and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaires.
- *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PD-LT-AN-3080-30L-4W1010-24



LINILINE PD/PDAG
(Pendant/Pendant Antiglare)



LINILINE PENDANT ANTIGLARE

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length **	Voltage	Extras
DIRECT LIGHTING							
LINILINE STANDARD PENDANT ANTIGLARE <small>(LINILINE ST PDAG)</small>	Anodized (AN)	2000K (20)	> 80 (80)		With LED strip (Nichia LEDs)	24VDC (24)	Wire Rope Length & p.s. cable
	White (WH)	2500K (25)	> 90 (90)		15° Linear lens (15L)	11W / 50cm (11W050)	1.5m / p.s. cable (1)
	Black (BL)	2700K (27)			30° Linear lens (30L)	15.7W / 75cm (16W075)	3m / p.s. cable (1)
		3000K (30)			50° Linear lens (50L)	21W / 100cm (21W100)	1.5m / no p.s.cable (2)
		4000K (40)			70° Linear lens (70L)	26.3W / 125cm (26W125)	3m / no p.s.cable (4)
LINILINE SUPERIOR PENDANT ANTIGLARE <small>(LINILINE SP PDAG)</small>		5700K (57)			110° Frosted Cover (70F)	31.5W / 150cm (32W150)	No w.ropes & p.s.cable (5)
					110° Clear Cover (70C)	36.3W / 175cm (36W175)	
					80° Milky Cover (80M)	42W / 200cm (42W200)	
					With LED modules (CREE LED)	Standard models****	
					14° Symmetrical lens (14H#) (14HD) (14LF) (14LD)	11W / 53cm (11W053)	without in-out int.wiring (5)
				27° Symmetrical lens (27H#) (27HD) (27LF) (27LD)	15.7W / 78cm (16W078)	3m / p.s. cable (6)	
				49° Symmetrical lens (49H#) (49HD) (49LF) (49LD)	21W / 103cm (21W103)		
				40°x13° Oval lens (40H#) (40HD) (40LF) (40LD)	26.3W / 128cm (26W128)		
					31.5W / 153cm (32W153)		
					36.3W / 178cm (36W178)		
					42W / 203cm (42W203)		

- * Tunable white, RGB and RGBW models are available upon request (for downlight and/or upright).
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- *** Available in custom lengths, luminaire colours and power upon request.

- *** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power: (HF) High density Full 40W/m, (HD) High density Dashed 20W/m, (LF) Low density Full 21W/m, (LD) Low density Dashed 10.5W/m
- **** Dimensions without end caps. Add 2mm for each end cap.
- ***** Dimensions with end caps.

Ordering Code Example: LINILINE ST PDAG-AN-3080-27LF-32W150-24-3

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT ANTIGLARE L TYPE <small>(LINILINE SP PDAG-LT)</small>	Anodized (AN)	2000K (20)	> 80 (80)		With LED strip (Nichia LEDs)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)		15° Linear lens (15L)	3.5W / 9.95x9.95cm (4W1010)
	Black (BL)	2700K (27)			30° Linear lens (30L)	
		3000K (30)			50° Linear lens (50L)	5.3W / 9.95x18,1cm (5W1018)
		4000K (40)			70° Linear lens (70L)	
LINILINE SUPERIOR PENDANT ANTIGLARE T TYPE <small>(LINILINE SP PDAG-TT)</small>		5700K (57)			110° Frosted Cover (70F)	
					110° Clear Cover (70C)	
					80° Milky Cover (80M)	
LINILINE SUPERIOR PENDANT ANTIGLARE X TYPE <small>(LINILINE SP PDAG-XT)</small>					Models with symmetrical or oval lenses	
					Blank (BLK)	

- * Tunable white, RGB and RGBW models are available upon request.
- ** The beam angle must be the same with the DIRECT beam angle of the luminaires.
- *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PDAG-LT-AN-3080-30L-4W1010-24



LINILINE PDDI/PDDIAG

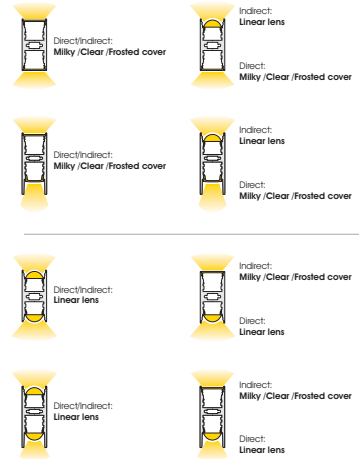
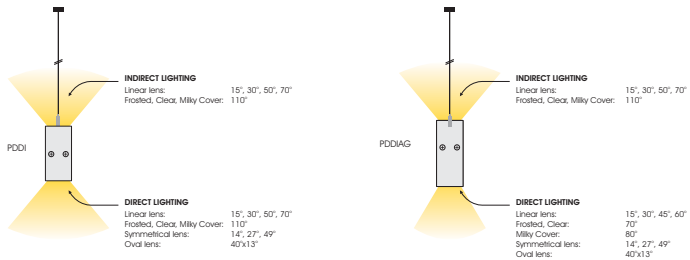
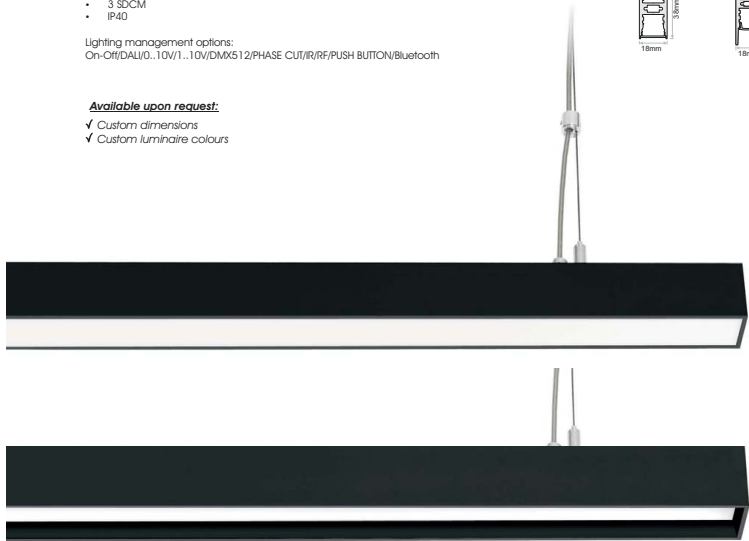
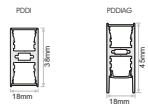
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTON/Bluetooth

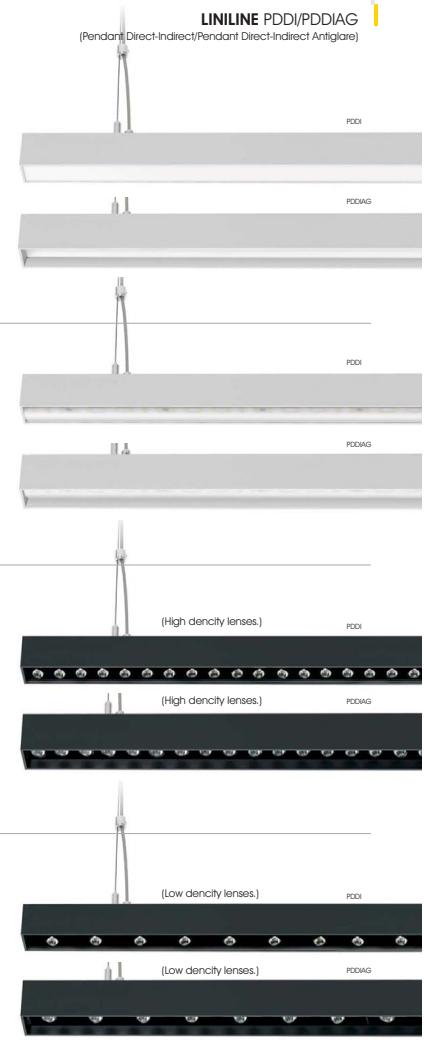
Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours



LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



LINILINE PDDI/PDDIAG

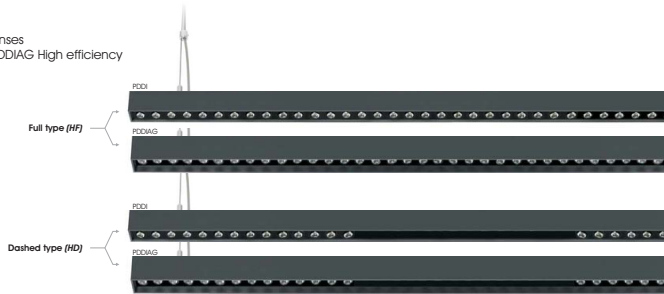
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



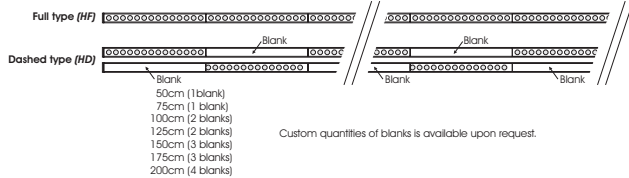
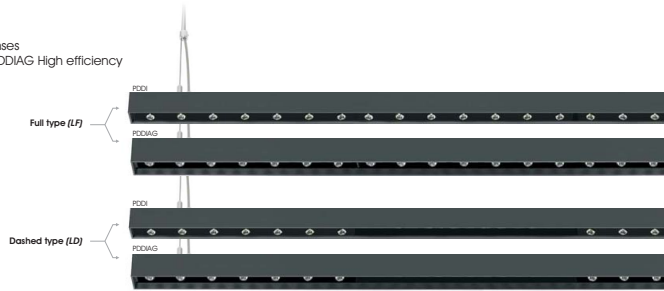
Standard Luminaire Colours:
Custom Colours available upon request



High density lenses
LINILINE PDDI/PDDIAG High efficiency



Low density lenses
LINILINE PDDI/PDDIAG High efficiency



LINILINE PDDI/PDDIAG

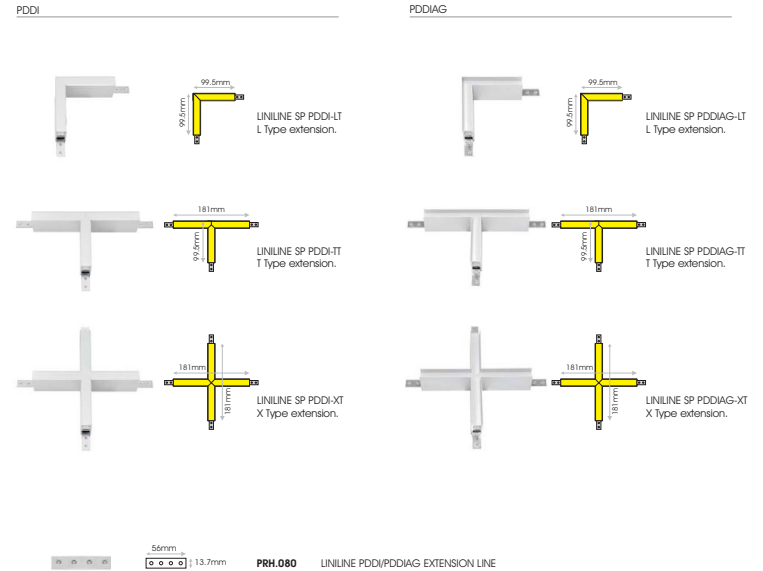
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Liniline luminaires and accessories are made by built in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.



LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



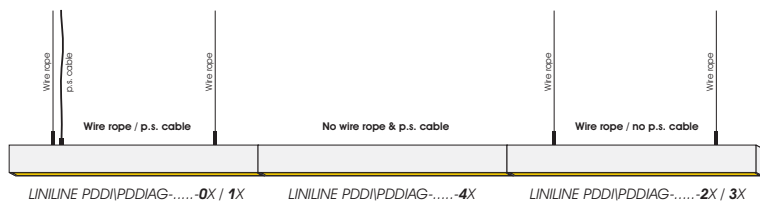
PDDI



PDDIAG

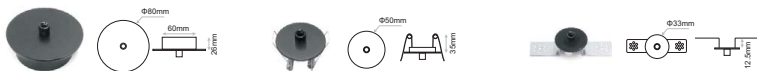


Build-in connectors and internal wiring for electrical connection of Superior luminaires.



Example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions. The second and third luminaire supplied from the first through build-in connectors and internal wiring.

Canopy



PRH.039 Canopy Surface WHITE

PRH.082 Canopy Surface BLACK

PRH.085 Canopy Surface LIGHT GREY

PRH.040 Canopy Recessed WHITE

PRH.083 Canopy Recessed BLACK

PRH.086 Canopy Recessed LIGHT GREY

PRH.041 Canopy Trimless WHITE

PRH.084 Canopy Trimless BLACK

PRH.087 Canopy Trimless LIGHT GREY



Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Iason Zafeiropoulos
Photo: Gwail Papadimitriou

LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



LINILINE PENDANT Direct-Indirect



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length**	Voltage	Extras
LINILINE STANDARD PENDANT DIRECT/INDIRECT <i>(LINILINE ST PDDI)</i>	Anodized (AN)	2000K (20)	>80 (80)	DIRECT LIGHTING ↓ (XXX)XXX ↑ INDIRECT LIGHTING	Superior models**** 15.8W / 50cm (16W050) 26.3W / 75cm (26W075) 36.8W / 100cm (37W100) 47.3W / 125cm (47W125) 57.8W / 150cm (58W150) 68.3W / 175cm (68W175) 78.8W / 200cm (79W200)	24VDC (24)	Wire Rope Length & p.s. cable 3m / p.s. cable (1) 1.5m / no p.s.cable (2) 3m / no p.s. cable (3) No wire rope & p.s.cable (4)
	White (WH)	2700K (27)	>90 (90)				
	Black (BL)	3000K (30)					
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT <i>(LINILINE SP PDDI)</i>	Black (BL)	4000K (40)		DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs) 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	24VDC (24)	Standard models**** 17.5W / 53cm (18W053) 28W / 78cm (28W078) 38.5W / 103cm (39W103) 49W / 128cm (49W128) 59.5W / 153cm (60W153) 70W / 178cm (70W178) 80.5W / 203cm (81W203)	Standard models**** 1.5m / p.s. cable without in-out int.wiring (5) 3m / p.s. cable without in-out int.wiring (6) Direct, indirect control for both sides for Direct & Indirect side, separately (1)
	White (WH)	4000K (40)					
	Black (BL)	5700K (57)					
<p>* Tunable white, RGB and RGBW models are available upon request (for downlight and/or uplight). ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available. *** Available in custom lengths, luminaire colours and power upon request.</p>							

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
 Symmetrical / Oval lens module power:
 (HF) High density Full 40W/m,
 (HD) High density Dashed 20W/m,
 (LF) Low density Full 21W/m,
 (LD) Low density Dashed 10.5W/m
 **** Dimensions without end caps. Add 2mm for each end cap.
 ***** Dimensions with end caps.

Ordering Code Example: LINILINE ST PDDI-AN-3080-27L100M-58W150-24-11

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT L TYPE <i>(LINILINE SP PDDI-LT)</i>	Anodized (AN)	2000K (20)	>80 (80)	With LED strip (Nichia LEDs) 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	2500K (25)	>90 (90)		5.3W / 9.95x18.1cm (5W1818)	
	Black (BL)	2700K (27)			7W / 18.1x18.1cm (7W1818)	
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT T TYPE <i>(LINILINE SP PDDI-TT)</i>	Black (BL)	3000K (30)		Models with symmetrical or oval lenses Blank (BLX)	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	3000K (30)			5.3W / 9.95x18.1cm (5W1818)	
	Black (BL)	4000K (40)			7W / 18.1x18.1cm (7W1818)	
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT X TYPE <i>(LINILINE SP PDDI-XT)</i>	Black (BL)	4000K (40)		Models with symmetrical or oval lenses Blank (BLX)	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	4000K (40)			5.3W / 9.95x18.1cm (5W1818)	
	Black (BL)	5700K (57)			7W / 18.1x18.1cm (7W1818)	

* Tunable white, RGB and RGBW models are available upon request.
 ** The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.
 *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PDDI-LT-AN-3080-30L-4W1010-24



LINILINE PENDANT Direct-Indirect ANTIGLARE

LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length**	Voltage	Extras
LINILINE STANDARD PENDANT DIRECT/INDIRECT ANTIGLARE <i>(LINILINE ST PDDIAG)</i>	Anodized (AN)	2000K (20)	>80 (80)	DIRECT LIGHTING ↓ (XXX)XXX ↑ INDIRECT LIGHTING	Superior models**** 15.8W / 50cm (16W050) 26.3W / 75cm (26W075) 36.8W / 100cm (37W100) 47.3W / 125cm (47W125) 57.8W / 150cm (58W150) 68.3W / 175cm (68W175) 78.8W / 200cm (79W200)	24VDC (24)	Wire Rope Length & p.s. cable 3m / p.s. cable (1) 1.5m / no p.s.cable (2) 3m / no p.s. cable (3) No wire rope & p.s.cable (4)
	White (WH)	2700K (27)	>90 (90)				
	Black (BL)	3000K (30)					
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE <i>(LINILINE SP PDDIAG)</i>	Black (BL)	4000K (40)		DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs) 15° Linear lens (15L) 30° Linear lens (30L) 45° Linear lens (45L) 60° Linear lens (60L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	24VDC (24)	Standard models**** 1.5m / p.s. cable without in-out int.wiring (5) 3m / p.s. cable without in-out int.wiring (6) Direct, indirect control for both sides for Direct & Indirect side, separately (1)	
	White (WH)	4000K (40)					
	Black (BL)	5700K (57)					
<p>* Tunable white, RGB and RGBW models are available upon request (for downlight and/or uplight). ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available. *** Available in custom lengths, luminaire colours and power upon request.</p>							

*** The indicated power refer to all models with 21W Nichia LED strip and/or Low density Full lenses. Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
 Symmetrical / Oval lens module power:
 (HF) High density Full 40W/m,
 (HD) High density Dashed 20W/m,
 (LF) Low density Full 21W/m,
 (LD) Low density Dashed 10.5W/m
 **** Dimensions without end caps. Add 2mm for each end cap.
 ***** Dimensions with end caps.

Ordering Code Example: LINILINE ST PDDIAG-AN-3080-27L100M-58W150-24-11

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE L TYPE <i>(LINILINE SP PDDIAG-LT)</i>	Anodized (AN)	2000K (20)	>80 (80)	With LED strip (Nichia LEDs) 15° Linear lens (15L) 30° Linear lens (30L) 45° Linear lens (45L) 60° Linear lens (60L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	2500K (25)	>90 (90)		5.3W / 9.95x18.1cm (5W1818)	
	Black (BL)	2700K (27)			7W / 18.1x18.1cm (7W1818)	
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE T TYPE <i>(LINILINE SP PDDIAG-TT)</i>	Black (BL)	3000K (30)		Models with symmetrical or oval lenses Blank (BLX)	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	3000K (30)			5.3W / 9.95x18.1cm (5W1818)	
	Black (BL)	4000K (40)			7W / 18.1x18.1cm (7W1818)	
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE X TYPE <i>(LINILINE SP PDDIAG-XT)</i>	Black (BL)	4000K (40)		Models with symmetrical or oval lenses Blank (BLX)	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	4000K (40)			5.3W / 9.95x18.1cm (5W1818)	
	Black (BL)	5700K (57)			7W / 18.1x18.1cm (7W1818)	

* Tunable white, RGB and RGBW models are available upon request.
 ** The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.
 *** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PDDIAG-LT-AN-3080-30L-4W1010-24



LINILINE PD/PDAG

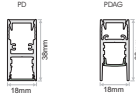
Square-Rectangle

(Pendant-Pendant Antiglare)

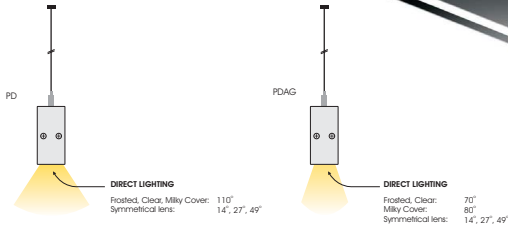
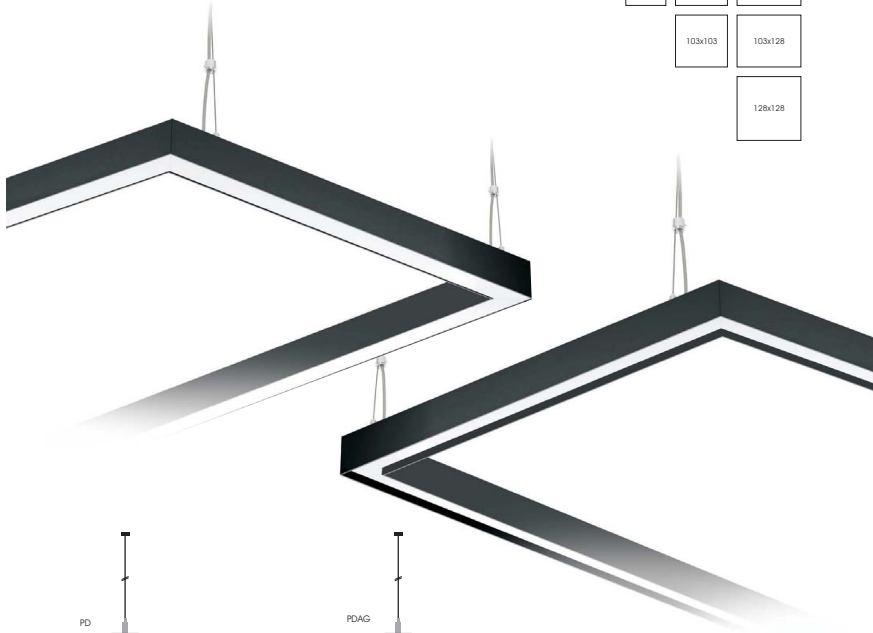
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth

Available upon request:
✓ Custom dimensions
✓ Custom luminaire colours



53x53	53x78	53x103	53x128
78x78	78x103	78x128	
	103x103	103x128	
		128x128	

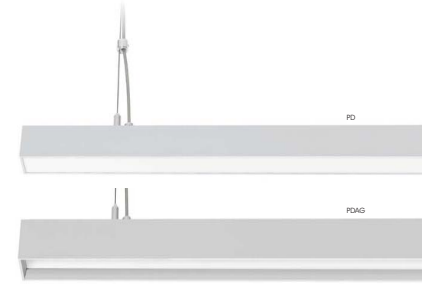


LINILINE PD/PDAG

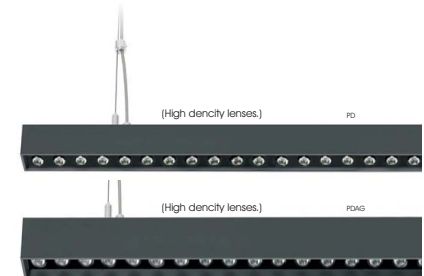
Square-Rectangle

(Pendant-Pendant Antiglare)

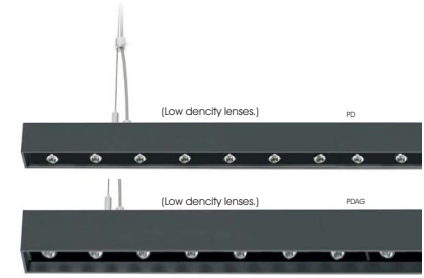
Direct/Indirect:
Milky/Clear/Frosted cover



Direct:
Symmetrical



Direct:
Symmetrical



LINILINE PD/PDAG
Square-Rectangle
(Pendant-Pendant Antiglare)



Standard Luminaire Colours:
Custom Colours available upon request



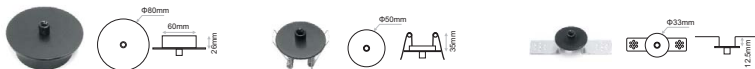
High density lenses
LINILINE PD/PDAG High efficiency



Low density lenses
LINILINE PD/PDAG High efficiency



Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY

PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY

PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY



LINILINE PD/PDAG
Square-Rectangle
(Pendant-Pendant Antiglare)



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras	
LINILINE PENDANT Square/Rectangle (LINILINE PD)	Anodized (AN)	2000K (20)	> 80	With LED strip (Nichia LEDs)	42W / 53x53cm (42W53x53)	24VDC (24)	Wire Rope & p.s. cable lengths 1,5m / p.s. cable (0) 3m / p.s. cable (1)	
	White (WH)	2500K (25)	(80)		Frosted Cover (FRC)			52,5W / 53x78cm (53W53x78)
	Black (BL)	2700K (27)	Clear Cover (CLE)		63W / 53x103cm (63W53x103)			
		3000K (30)	Milky Cover (ML)	73,5W / 53x128cm (74W53x128)				
		4000K (40)	With LED modules (CREE LEDs)	14° High Density Symmetrical lens (14H)	63W / 78x78cm (63W78x78)			
		5700K (57)		14° Low Density Symmetrical lens (14L)	73,5W / 78x103cm (74W78x103)			
				14° Low Density Symmetrical lens (14L)	84W / 78x128cm (84W78x128)			
				27° High Density Symmetrical lens (27H)	84W / 103x103cm (84W103x103)			
				27° High Density Symmetrical lens (27H)	94,5W / 103x128cm (95W103x128)			
				27° Low Density Symmetrical lens (27L)	105W / 128x128cm (105W128x128)			
		49° High Density Symmetrical lens (49H)						
		49° Low Density Symmetrical lens (49L)						



- * Tunable white, Rg8 and Rg8W models are available upon request.
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- ** Available in custom lengths, luminaire colours and power upon request.
- *** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: LINILINE PD-AN-3080-14H-95W103x128-24-1

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras	
LINILINE PENDANT ANTIGLARE Square/Rectangle (LINILINE PDAG)	Anodized (AN)	2000K (20)	> 80	With LED strip (Nichia LEDs)	42W / 53x53cm (42W53x53)	24VDC (24)	Wire Rope & p.s. cable lengths 1,5m / p.s. cable (0) 3m / p.s. cable (1)	
	White (WH)	2500K (25)	(80)		Frosted Cover (FRC)			52,5W / 53x78cm (53W53x78)
	Black (BL)	2700K (27)	Clear Cover (CLE)		63W / 53x103cm (63W53x103)			
		3000K (30)	Milky Cover (ML)	73,5W / 53x128cm (74W53x128)				
		4000K (40)	With LED modules (CREE LEDs)	14° High Density Symmetrical lens (14H)	63W / 78x78cm (63W78x78)			
		5700K (57)		14° Low Density Symmetrical lens (14L)	73,5W / 78x103cm (74W78x103)			
				14° Low Density Symmetrical lens (14L)	84W / 78x128cm (84W78x128)			
				27° High Density Symmetrical lens (27H)	84W / 103x103cm (84W103x103)			
				27° High Density Symmetrical lens (27H)	94,5W / 103x128cm (95W103x128)			
				27° Low Density Symmetrical lens (27L)	105W / 128x128cm (105W128x128)			
		49° High Density Symmetrical lens (49H)						
		49° Low Density Symmetrical lens (49L)						



- * Tunable white, Rg8 and Rg8W models are available upon request.
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- ** Available in custom lengths, luminaire colours and power upon request.
- *** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: LINILINE PDAG-AN-3080-14H-95W103x128-24-1

LINILINE PDDI/PDDIAG

Square-Rectangle

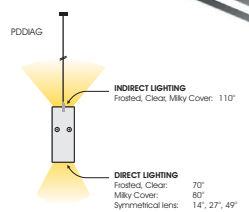
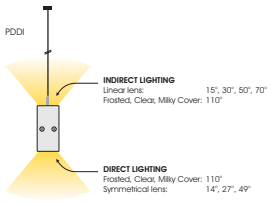
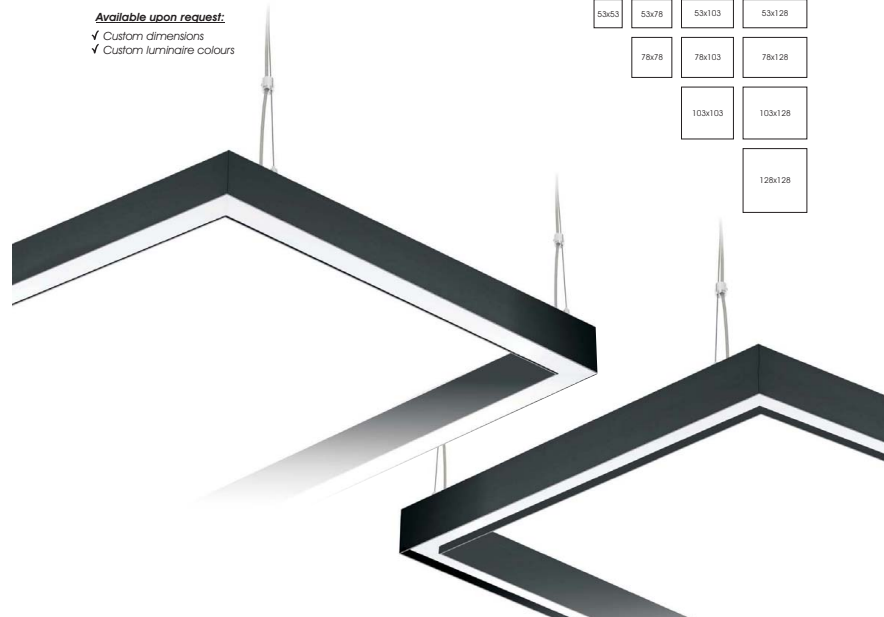
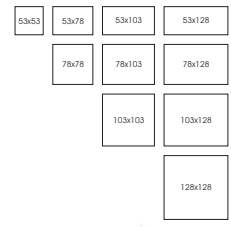
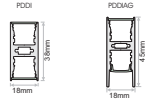
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

- Liniline is a complete series of linear recessed, timeless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/R/R/P/PUSH BUTTON/Bluetooth

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours

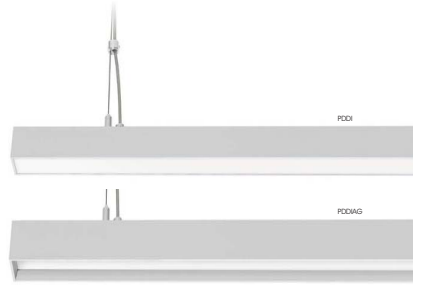


LINILINE PDDI/PDDIAG

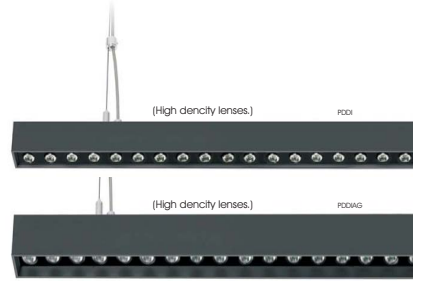
Square-Rectangle

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

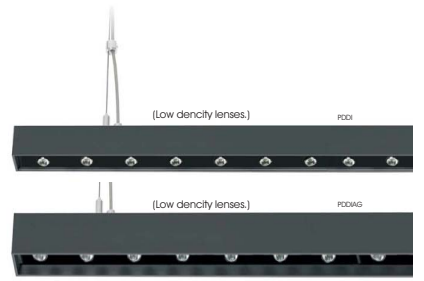
Direct/Indirect:
Milky/Clear/Frosted cover



Direct:
Symmetrical



Direct:
Symmetrical



LINILINE PDDI/PDDIAG

Square-Rectangle

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



Standard Luminaire Colours:
Custom Colours available upon request



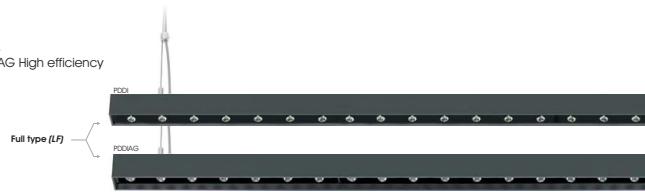
High density lenses

LINILINE PDDI/PDDIAG High efficiency



Low density lenses

LINILINE PDDI/PDDIAG High efficiency



Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY

PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY

PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY



LINILINE PDDI/PDDIAG

Square-Rectangle

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length **	Voltage	Extras
LINILINE PENDANT DIRECT/INDIRECT Square/Rectangle (LINILINE PDDI)	Anodized (AN)	2000K (20)	>80 (80)	DIRECT LIGHTING (DXX)XXX	70W / 53x53cm (70W53x53)	24VDC (24)	Wire Rope & p.s. cable lengths 1,5m / p.s. cable (1) 3m / p.s. cable (1)
	White (WH)	2500K (25)		INDIRECT LIGHTING ↑ (DXX)XXX	91W / 53x78cm (91W53x78)		
	White (WH)	2700K (27)			112W / 53x103cm (112W53x103)		
	White (WH)	3000K (30)			133W / 53x128cm (133W53x128)		
	Black (BL)	4000K (40)					
	Black (BL)	5700K (57)					
				DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs)	112W / 78x78cm (112W78x78)		
				Frosted Cover (FRC)	133W / 78x103cm (133W78x103)		
				Clear Cover (CLE)	154W / 78x128cm (154W78x128)		
				Milky Cover (ML)			
			DIRECT only beam angle options With LED modules (CREE LEDs)	154W / 103x103cm (154W103x103)			
			14° High Density (14H)	175W / 103x128cm (175W103x128)			
			Symmetrical lens				
			14° Low Density (14L)				
			Symmetrical lens				
			27° High Density (27H)				
			Symmetrical lens				
			27° Low Density (27L)				
			Symmetrical lens				
			49° High Density (49H)				
			Symmetrical lens				
			49° Low Density (49L)				
			Symmetrical lens				

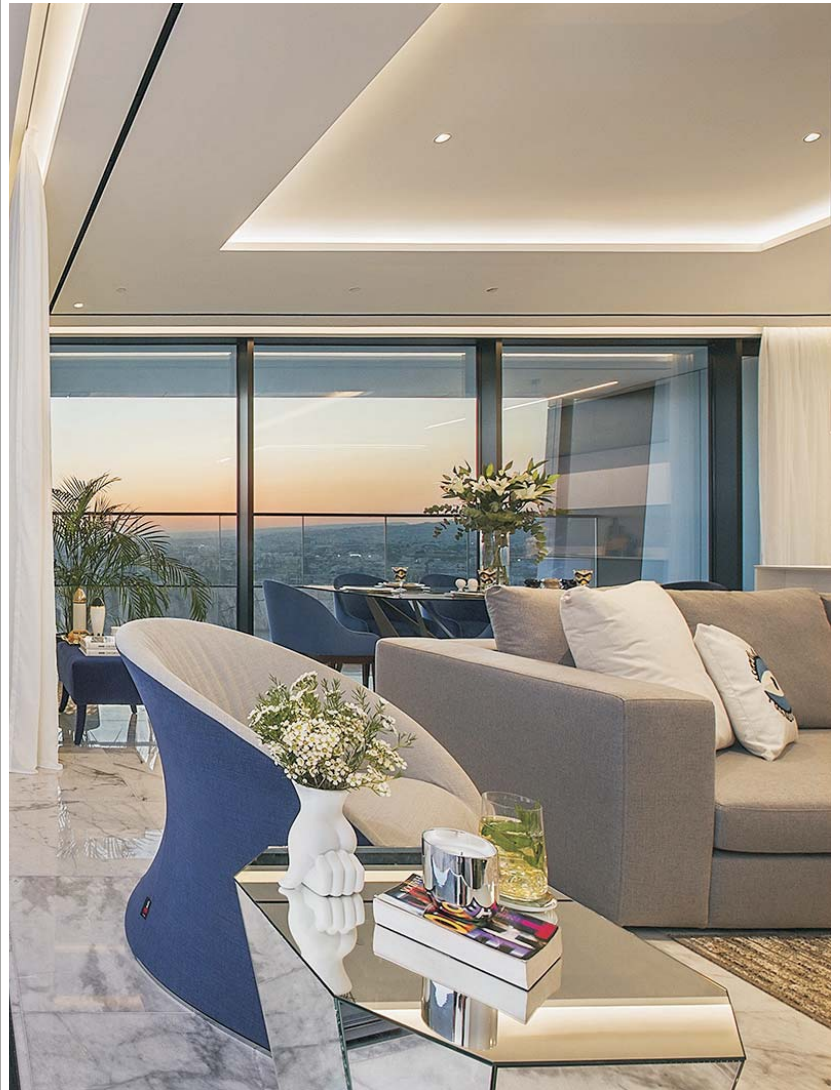
Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length **	Voltage	Extras
LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE Square/Rectangle (LINILINE PDDIAG)	Anodized (AN)	2000K (20)	>80 (80)	DIRECT LIGHTING (DXX)XXX	70W / 53x53cm (70W53x53)	24VDC (24)	Wire Rope & p.s. cable lengths 1,5m / p.s. cable (1) 3m / p.s. cable (1)
	White (WH)	2500K (25)		INDIRECT LIGHTING ↑ (DXX)XXX	91W / 53x78cm (91W53x78)		
	White (WH)	2700K (27)			112W / 53x103cm (112W53x103)		
	White (WH)	3000K (30)			133W / 53x128cm (133W53x128)		
	Black (BL)	4000K (40)					
	Black (BL)	5700K (57)					
				DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs)	112W / 78x78cm (112W78x78)		
				Frosted Cover (FRC)	133W / 78x103cm (133W78x103)		
				Clear Cover (CLE)	154W / 78x128cm (154W78x128)		
				Milky Cover (ML)			
			DIRECT only beam angle options With LED modules (CREE LEDs)	154W / 103x103cm (154W103x103)			
			14° High Density (14H)	175W / 103x128cm (175W103x128)			
			Symmetrical lens				
			14° Low Density (14L)				
			Symmetrical lens				
			27° High Density (27H)				
			Symmetrical lens				
			27° Low Density (27L)				
			Symmetrical lens				
			49° High Density (49H)				
			Symmetrical lens				
			49° Low Density (49L)				
			Symmetrical lens				

- * Tunable white, RGB and RGBW models are available upon request (for direct and/or indirect lighting).
- ** For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- ** Available in custom lengths, luminaire colours and power upon request.
- ** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density lenses.
- ** To find the power of models with high density lenses use the formula $(Power + 14) \times 1.453 - 14$
- For example: The power of 78x103 model with high density lenses is $((133 + 14) \times 1.453) - 14 = 199.5W$

Ordering Code Example: LINILINE PDDI-AN-3080-27HML-175W103x128-24-1



ICON TOWER High Rise Residential, Limassol, Cyprus
Lighting design: Sigala-lighting
UDS Architects
Photo: Marios Ioannides



OUTLINER 50



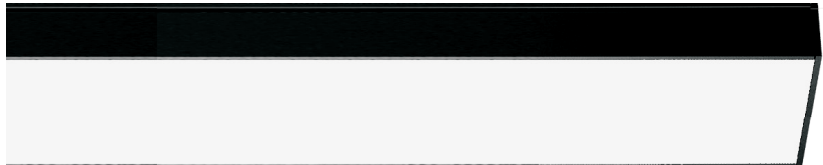
Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant)
- Long & Short bracket accessories available for wall installation.
- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours

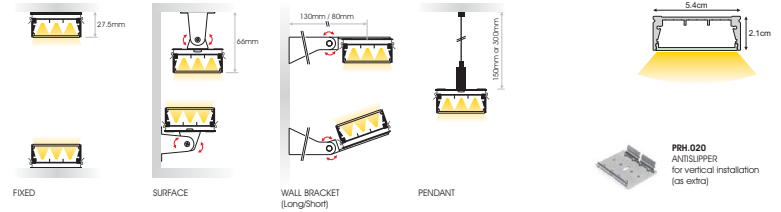


Seamless

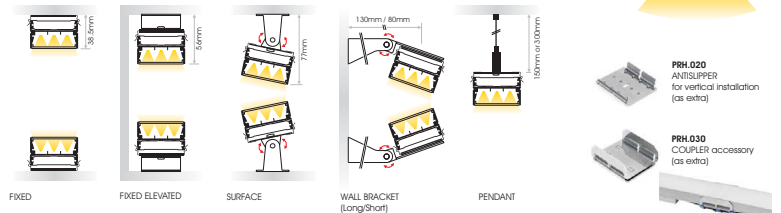


OUTLINER 50

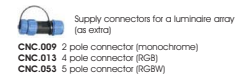
STANDARD



SEAMLESS



Connectors



OUTLINER 50



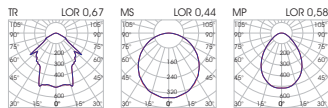
STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 50 FIXED (OUTLINER50-F)	Anodized (AN)	2000K (20)	> 80 (80)	31.5W / 53cm (32W/053)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		52.5W / 83.3cm (53W/083)	Milky Satin (MS)	
	Black (BL)	2700K (27)		63W / 103cm (63W/103)	Microprismatic (MP)	
OUTLINER 50 SURFACE (OUTLINER50-S)		3000K (30)		73.5W / 119.7cm (74W/120)		
		4000K (40)		94.5W / 153cm (95W/153)		
		5700K (57)		126W / 203cm (126W/203)		
OUTLINER 50 SHORT BRACKET 8cm (OUTLINER50-B1)						
OUTLINER 50 LONG BRACKET 13cm (OUTLINER50-B2)						
OUTLINER 50 PENDANT (OUTLINER50-P1) H:150cm (OUTLINER50-P2) H:300cm						
RGBWW / RGBCW / RGB						
		Colour		Watt / Length		
	RGBWW (RGBWW)			40.5W / 53cm (41W/053)		
	RGBCW (RGBCW)			69.3W / 88.7cm (69W/089)		
	84LED/m			81W / 103cm (81W/103)		
				98.4W / 124.4cm (98W/124)		
				121.5W / 153cm (122W/153)		
				162W / 203cm (162W/203)		
	RGBWW (RGBWW)			29.1W / 53cm (29W/053)		
	RGBCW (RGBCW)			46.8W / 83cm (47W/083)		
	60LED/m**			58.5W / 103cm (59W/103)		
				70.2W / 123cm (70W/123)		
				87.6W / 153cm (88W/153)		
				117W / 203cm (117W/203)		
	RGB (RGB96)			34.5W / 53cm (35W/053)		
	96LED/m			60.3W / 90.5cm (60W/091)		
				69W / 103cm (69W/103)		
				81.9W / 121.7cm (82W/122)		
				103.5W / 153cm (104W/153)		
				138W / 203cm (138W/203)		
	RGB (RGB60)			21.6W / 53cm (22W/053)		
	60LED/m**			34.8W / 83cm (35W/083)		
				43.5W / 103cm (44W/103)		
				52.2W / 123cm (52W/123)		
				65.1W / 153cm (65W/153)		
				87W / 203cm (87W/203)		
	RGB (RGB30)			10.8W / 53cm (11W/053)		12VDC (12)
	30LED/m**			17.1W / 83cm (17W/083)		
				21.6W / 103cm (22W/103)		
				25.8W / 123cm (26W/123)		
				32.4W / 153cm (32W/153)		
				43.2W / 203cm (43W/203)		

* Available in other colours and power upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER50-F-AN-RGB60-52W123-MP-24



OUTLINER 50

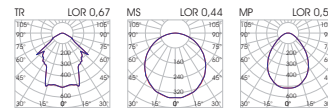
SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 50 SEAMLESS FIXED (OUTLINER50-SF)	Anodized (AN)	2000K (20)	> 80 (80)	31.5W / 50.3cm (32W/050)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		52.5W / 83.7cm (53W/084)	Milky Satin (MS)	
	Black (BL)	2700K (27)		63W / 100.3cm (63W/100)	Microprismatic (MP)	
OUTLINER 50 SEAMLESS FIXED ELEVATED (OUTLINER50-SFE)		3000K (30)		73.5W / 117cm (74W/117)		
		4000K (40)		94.5W / 150.3cm (95W/150)		
		5700K (57)		126W / 200.3cm (126W/200)		
OUTLINER 50 SEAMLESS SURFACE (OUTLINER50-SS)						
OUTLINER 50 SEAMLESS SHORT BRACKET 6.5cm (OUTLINER50-SB1)						
OUTLINER 50 SEAMLESS LONG BRACKET 11.5cm (OUTLINER50-SB2)						
OUTLINER 50 SEAMLESS PENDANT (OUTLINER50-SP1) H:150cm (OUTLINER50-SP2) H:300cm						
RGBWW / RGBCW / RGB						
		Colour		Watt* / Length**		
	RGBWW (RGBWW)			40.5W / 50.3cm (41W/050)		
	RGBCW (RGBCW)			69.3W / 86cm (69W/086)		
	84LED/m			81W / 100.3cm (81W/100)		
				98.4W / 121.7cm (98W/122)		
				121.5W / 150.3cm (122W/150)		
				162W / 200.3cm (162W/200)		
	RGBWW (RGBWW)			29.1W / 50.3cm (29W/050)		
	RGBCW (RGBCW)			46.8W / 80.3cm (47W/080)		
	60LED/m***			58.5W / 100.3cm (59W/100)		
				70.2W / 120.3cm (70W/120)		
				87.6W / 150.3cm (88W/150)		
				117W / 200.3cm (117W/200)		
	RGB (RGB96)			34.5W / 50.3cm (35W/050)		
	96LED/m			60.3W / 87.8cm (60W/088)		
				69W / 100.3cm (69W/100)		
				81.9W / 119cm (82W/119)		
				103.5W / 150.3cm (104W/150)		
				138W / 200.3cm (138W/200)		
	RGB (RGB60)			21.6W / 50.3cm (22W/050)		
	60LED/m***			34.8W / 80.3cm (35W/080)		
				43.5W / 100.3cm (44W/100)		
				52.2W / 120.3cm (52W/120)		
				65.1W / 150.3cm (65W/150)		
				87W / 200.3cm (87W/200)		
	RGB (RGB30)			10.8W / 50.3cm (11W/050)		12VDC (12)
	30LED/m***			17.1W / 80.3cm (17W/080)		
				21.6W / 100.3cm (22W/100)		
				25.8W / 120.3cm (26W/120)		
				32.4W / 150.3cm (32W/150)		
				43.2W / 200.3cm (43W/200)		

* Available in other colours and power upon request
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER50-SS-AN-RGB96-60W088-MS-24



OUTLINER 40



Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant)
- Long & Short bracket accessories available for wall installation.
- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/RR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours

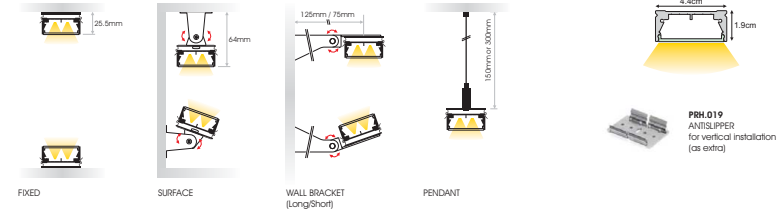


Seamless

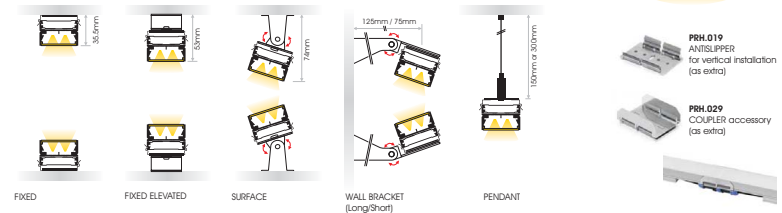


OUTLINER 40

STANDARD



SEAMLESS



Connectors

- Input cable with IP connectors supplied as extra
- In-Out cables & waterproof connectors supplied as extra.
- Supply connectors for a luminaire array (as extra)
 - CNC.009** 2 pole connector (monochrome)
 - CNC.013** 4 pole connector (RG8)
 - CNC.053** 5 pole connector (RG6W)

OUTLINER 40



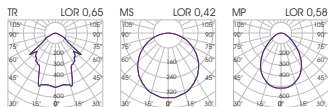
STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 40 FIXED (OUTLINER40-F)	Anodized (AN)	2000K (20)	> 80 (80)	21W / 53cm (21W053)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		35W / 86.3cm (35W086)	Milky Satin (MS)	
	Black (BL)	2700K (27)		42W / 103cm (42W103)	Microprismatic (MP)	
OUTLINER 40 SURFACE (OUTLINER40-S)		3000K (30)		49W / 119.7cm (49W120)		
		4000K (40)		63W / 153cm (63W153)		
		5700K (57)		84W / 203cm (84W203)		
OUTLINER 40 SHORT BRACKET 7.5cm (OUTLINER40-S1)						
OUTLINER 40 LONG BRACKET 12.5cm (OUTLINER40-S2)						
OUTLINER 40 PENDANT (OUTLINER40-P1) H:150cm (OUTLINER40-P2) H:300cm						
RGBWW / RGBCW / RGB						
	Colour			Watt / Length		
	RGBWW (RGBWW)			27W / 53cm (27W053)		
	RGBCW (RGBCW)			46.2W / 88.7cm (46W089)		
	84LED/m			54W / 103cm (54W103)		
				65.6W / 124.4cm (66W124)		
				81W / 153cm (81W153)		
				108W / 203cm (108W203)		
	RGBWW (RGBWW)			19.4W / 53cm (19W053)		
	RGBCW (RGBCW)			31.2W / 83cm (31W083)		
	60LED/m**			39W / 103cm (39W103)		
				46.8W / 123cm (47W123)		
				58.4W / 153cm (58W153)		
				78W / 203cm (78W203)		
	RGB (RGB94)			23W / 53cm (23W053)		
	96LED/m			40.2W / 90.5cm (40W091)		
				46W / 103cm (46W103)		
				54.6W / 121.7cm (55W122)		
				69W / 153cm (69W153)		
				92W / 203cm (92W203)		
	RGB (RGB60)			14.4W / 53cm (14W053)		
	60LED/m**			23.2W / 83cm (23W083)		
				29W / 103cm (29W103)		
				34.8W / 123cm (35W123)		
				43.4W / 153cm (43W153)		
				58W / 203cm (58W203)		
	RGB (RGB30)			7.2W / 53cm (07W053)		
	30LED/m**			11.4W / 80.3cm (11W083)		
				14.4W / 103cm (14W103)		
				17.2W / 123cm (17W123)		
				21.6W / 153cm (22W153)		
				28.8W / 203cm (29W203)		
						12VDC (12)

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky Type luminaire will be affected.

Ordering Code Example: OUTLINER40-F-AN-RGB60-35W123-MP-24



OUTLINER 40

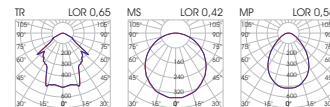
SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 40 SEAMLESS FIXED (OUTLINER40-SF)	Anodized (AN)	2000K (20)	> 80 (80)	21W / 50.3cm (21W050)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		35W / 83.7cm (35W084)	Milky Satin (MS)	
	Black (BL)	2700K (27)		42W / 100.3cm (42W102)	Microprismatic (MP)	
OUTLINER 40 SEAMLESS FIXED ELEVATED (OUTLINER40-SFE)		3000K (30)		49W / 117cm (49W117)		
		4000K (40)		63W / 150.3cm (63W150)		
		5700K (57)		84W / 200.3cm (84W200)		
OUTLINER 40 SEAMLESS SURFACE (OUTLINER40-SS)						
OUTLINER 40 SEAMLESS SHORT BRACKET 7.5cm (OUTLINER40-SB1)						
OUTLINER 40 SEAMLESS LONG BRACKET 12.5cm (OUTLINER40-SB2)						
OUTLINER 40 SEAMLESS PENDANT (OUTLINER40-SP1) H:150cm (OUTLINER40-SP2) H:300cm						
RGBWW / RGBCW / RGB						
	Colour			Watt* / Length**		
	RGBWW (RGBWW)			27W / 50.3cm (27W050)		
	RGBCW (RGBCW)			46.2W / 86cm (46W086)		
	84LED/m			54W / 100.3cm (54W100)		
				65.6W / 121.7cm (66W122)		
				81W / 150.3cm (81W150)		
				108W / 200.3cm (108W200)		
	RGBWW (RGBWW)			19.4W / 50.3cm (19W050)		
	RGBCW (RGBCW)			31.2W / 80.3cm (31W080)		
	60LED/m**			39W / 100.3cm (39W100)		
				46.8W / 120.3cm (47W120)		
				58.4W / 150.3cm (58W150)		
				78W / 200.3cm (78W200)		
	RGB (RGB94)			23W / 50.3cm (23W050)		
	96LED/m			40.2W / 87.8cm (40W088)		
				46W / 100.3cm (46W100)		
				54.6W / 119cm (55W119)		
				69W / 150.3cm (69W150)		
				92W / 200.3cm (92W200)		
	RGB (RGB60)			14.4W / 50.3cm (14W050)		
	60LED/m**			23.2W / 80.3cm (23W080)		
				29W / 100.3cm (29W100)		
				34.8W / 120.3cm (35W120)		
				43.4W / 150.3cm (43W150)		
				58W / 200.3cm (58W200)		
	RGB (RGB30)			7.2W / 50.3cm (07W050)		
	30LED/m**			11.4W / 80.3cm (11W080)		
				14.4W / 100.3cm (14W100)		
				17.2W / 120.3cm (17W120)		
				21.6W / 150.3cm (22W150)		
				28.8W / 200.3cm (29W200)		
						12VDC (12)

* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap).
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER40-SS-AN-RGB60-58W200-MS-24



OUTLINER 40 RC (Recessed)



Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

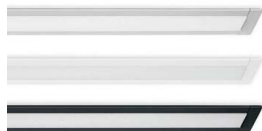
L90/B10 50.000h
for monochromatic models

Available upon request:

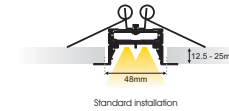
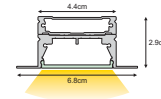
- ✓ Custom dimensions
- ✓ Custom luminaire colours



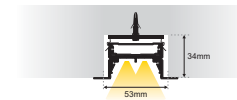
Seamless



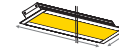
STANDARD



Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
68 x 55,6/88,9/105,6/122,3/155,6/205,6cm
Cutting hole:
48 x 53,6/83,3/103,6/123,6/153,6/203,6cm

for RGBW-RGBCW 84LED/m:
68 x 55,6/91,3/105,6/127/155,6/205,6cm
Cutting hole:
48 x 53,6/89,3/103,6/125/153,6/203,6cm

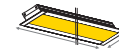
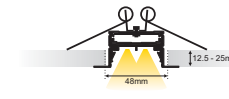
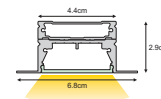
for RGBW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 55,6/85,6/105,6/125,6/155,6/205,6cm
Cutting hole:
48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

for RGB 96LED/m:
68 x 55,6/93,1/105,6/124,3/155,6/205,6cm
Cutting hole:
48 x 53,6/91,1/103,6/122,3/153,6/203,6cm



Note:
Cutting hole must be 20mm than the luminaire length.

SEAMLESS



Dimensions:

for Monochromatic, Tunable White:
68 x 53,3/86,7/103,3/120/153,3/203,3cm
Cutting hole:
48 x 51,3/84,7/101,3/118/151,3/201,3cm

for RGBW-RGBCW 84LED/m:
68 x 53,3/89/103,3/124,7/153,3/203,3cm
Cutting hole:
48 x 51,3/87/101,3/122,7/151,3/201,3cm

for RGBW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 53,3/83,3/103,3/123,3/153,3/203,3cm
Cutting hole:
48 x 51,3/81,3/101,3/121,3/151,3/201,3cm

for RGB 96LED/m:
68 x 53,3/90,8/103,3/122/153,3/203,3cm
Cutting hole:
48 x 51,3/88,8/101,3/120/151,3/201,3cm



Note:
Cutting hole must be 20mm shorter than the luminaire length.

Connectors



Input cable with IP connectors supplied as extra.



In-Out cables & waterproof connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

- CNC.009 2 pole connector (monochrome)
- CNC.013 4 pole connector (RGB)
- CNC.053 5 pole connector (RGBW)

OUTLINER 40 RC
(Recessed)

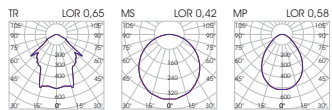


STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage	
OUTLINER 40 Recessed (OUTLINER 40 RC)	Anodized (AN) White (WH) Black (BL)	2000K (20)	>80 (80)	21W / 55.6cm (21W050)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)	
		2500K (25)	35W / 89.9cm (35W089)				
		2700K (27)	42W / 105.6cm (42W105)				
		3000K (30)	49W / 122.3cm (49W122)				
		4000K (40)	63W / 155.6cm (63W155)				
	5700K (57)	84W / 205.6cm (84W205)					
	TUNABLE WHITE						
	Colour Temperature		CRI	Watt / Length***			
	Tunable White 2700K-5700K (TW)	>80 (80)	20W / 55.6cm (20W050)				
		33.3W / 88.9cm (33W089)					
40W / 105.6cm (40W105)							
46.7W / 122.3cm (47W122)							
60W / 155.6cm (60W155)							
80W / 205.6cm (80W205)							
RGBWW / RGBCW / RGB							
Colour		Watt / Length***					
RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m	27W / 55.6cm (27W050)						
	46.2W / 91.3cm (46W091)						
	54W / 105.6cm (54W105)						
65.6W / 127cm (66W127)							
81W / 155.6cm (81W155)							
108W / 205.6cm (108W205)							
RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m**	19.4W / 55.6cm (19W055)						
	31.2W / 85.6cm (31W085)						
	39W / 105.6cm (39W105)						
46.8W / 125.6cm (47W125)							
58.4W / 155.6cm (58W155)							
78W / 205.6cm (78W205)							
RGB (RGB95)	23W / 55.6cm (23W055)						
	40.2W / 93.1cm (40W093)						
	46W / 105.6cm (46W105)						
	54.6W / 124.3cm (55W124)						
69W / 155.6cm (69W155)							
92W / 205.6cm (92W205)							
RGB (RGB80)	14.4W / 55.6cm (14W055)						
	23.2W / 85.6cm (23W085)						
	29W / 105.6cm (29W105)						
	34.8W / 125.6cm (35W125)						
	43.4W / 155.6cm (43W155)						
58W / 205.6cm (58W205)							
RGB (RGB30)	7.2W / 55.6cm (07W055)						
	11.4W / 85.6cm (11W085)						
	14.4W / 105.6cm (14W105)						
	17.2W / 125.6cm (17W125)						
	21.6W / 155.6cm (22W155)						
	28.8W / 205.6cm (29W205)						

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



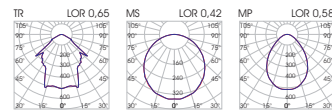
OUTLINER 40 RC
(Recessed)

SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage	
OUTLINER 40 Recessed SEAMLESS (OUTLINER 40 RCS)	Anodized (AN) White (WH) Black (BL)	2000K (20)	>80 (80)	21W / 50.3cm (21W050)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)	
		2500K (25)	35W / 83.7cm (35W084)				
		2700K (27)	42W / 100.3cm (42W100)				
		3000K (30)	49W / 117cm (49W117)				
		4000K (40)	63W / 150.3cm (63W150)				
	5700K (57)	84W / 200.3cm (84W200)					
	TUNABLE WHITE						
	Colour Temperature		CRI	Watt / Length***			
	Tunable White 2700K-5700K (TW)	>80 (80)	20W / 50.3cm (20W050)				
		33.3W / 83.7cm (33W084)					
40W / 100.3cm (40W100)							
46.7W / 117cm (47W117)							
60W / 150.3cm (60W150)							
80W / 200.3cm (80W200)							
RGBWW / RGBCW / RGB							
Colour		Watt / Length***					
RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m	27W / 50.3cm (27W050)						
	46.2W / 86cm (46W086)						
	54W / 100.3cm (54W100)						
65.6W / 121.7cm (66W122)							
81W / 150.3cm (81W150)							
108W / 200.3cm (108W200)							
RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m**	19.4W / 50.3cm (19W050)						
	31.2W / 80.3cm (31W080)						
	39W / 100.3cm (39W100)						
46.8W / 120.3cm (47W120)							
58.4W / 150.3cm (58W150)							
78W / 200.3cm (78W200)							
RGB (RGB95)	23W / 50.3cm (23W050)						
	40.2W / 87.8cm (40W088)						
	46W / 100.3cm (46W100)						
	54.6W / 119cm (55W119)						
69W / 150.3cm (69W150)							
92W / 200.3cm (92W200)							
RGB (RGB80)	14.4W / 50.3cm (14W050)						
	23.2W / 80.3cm (23W080)						
	29W / 100.3cm (29W100)						
	34.8W / 120.3cm (35W120)						
	43.4W / 150.3cm (43W150)						
58W / 200.3cm (58W200)							
RGB (RGB30)	7.2W / 50.3cm (07W050)						
	11.4W / 80.3cm (11W080)						
	14.4W / 100.3cm (14W100)						
	17.2W / 120.3cm (17W120)						
	21.6W / 150.3cm (22W150)						
	28.8W / 200.3cm (29W200)						

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



OUTLINER 30



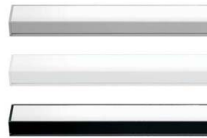
Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant)
- Long & Short bracket accessories available for wall installation.
- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0...10V/1...10V/DMXS12/PHASE CUT/RR/RF/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

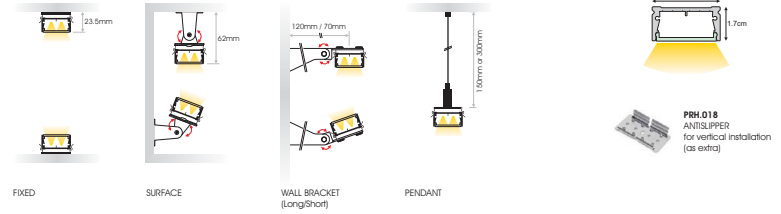
- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours



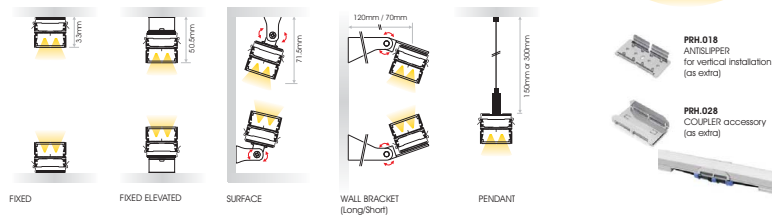
Seamless



STANDARD



SEAMLESS



Connectors



Input cable with IP connectors supplied as extra



In-Out cables & waterproof connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

- CNC.009** 2 pole connector (monochrome)
- CNC.013** 4 pole connector (RG8)
- CNC.053** 5 pole connector (RG8W)



OUTLINER 30

OUTLINER 30



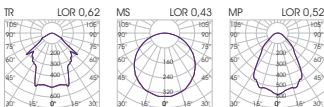
STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 30 FIXED (OUTLINER30-F)	Anodized (AN) White (WH) Black (BK)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80)	21W / 53cm (21W053) 35W / 86,3cm (35W086) 42W / 103cm (42W103) 49W / 119,7cm (49W120) 63W / 153cm (63W153) 84W / 203cm (84W203)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
OUTLINER 30 SURFACE (OUTLINER30-S)						
OUTLINER 30 SHORT BRACKET 7cm (OUTLINER30-B1)						
OUTLINER 30 LONG BRACKET 12cm (OUTLINER30-B2)						
OUTLINER 30 PENDANT (OUTLINER30-P1) H:150cm (OUTLINER30-P2) H:300cm						
RGBWW / RGBCW / RGB						
Colour		Watt* / Length				
RGBWW (RGBWW)	27W / 53cm (27W053)					
RGBCW (RGBCW)	46.2W / 88.7cm (46W089)					
84LED/m	54W / 103cm (54W103)					
	65.6W / 124.4cm (66W124)					
	81W / 153cm (81W153)					
	108W / 203cm					
RGBWW (RGBWW)	19.4W / 53cm (19W053)					
RGBCW (RGBCW)	31.2W / 83cm (31W083)					
60LED/m**	39W / 103cm (39W103)					
	46.8W / 123cm (47W123)					
	58.4W / 153cm (58W153)					
	78W / 203cm (78W203)					
RGB (RGB96)	23W / 53cm (23W053)					
96LED/m	40.2W / 90.5cm (40W091)					
	46W / 103cm (46W103)					
	54.6W / 121.7cm (55W122)					
	69W / 153cm (69W153)					
	92W / 203cm (92W203)					
RGB (RGB60)	14.4W / 53cm (14W053)					
60LED/m**	23.2W / 83cm (23W083)					
	29W / 103cm (29W103)					
	34.8W / 123cm (35W123)					
	43.4W / 153cm (43W153)					
	58W / 203cm (58W203)					
RGB (RGB30)	7.2W / 53cm (07W053)					
30LED/m**	11.4W / 83cm (11W083)					
	14.4W / 103cm (14W103)					
	17.2W / 123cm (17W123)					
	21.6W / 153cm (22W153)					
	28.8W / 203cm (29W203)					
		12VDC (12)				

* Available in other colours at end power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER30-F-AN-RGB60-35W123-MP-24



OUTLINER 30

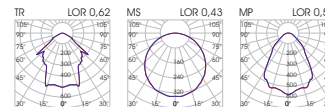
SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 30 SEAMLESS FIXED (OUTLINER30-SF)	Anodized (AN) White (WH) Black (BK)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80)	21W / 50,3cm (21W050) 35W / 83,7cm (35W084) 42W / 100,3cm (42W100) 49W / 117cm (49W117) 63W / 150,3cm (63W150) 84W / 200,3cm (84W200)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
OUTLINER 30 SEAMLESS FIXED ELEVATED (OUTLINER30-SFE)						
OUTLINER 30 SEAMLESS SURFACE (OUTLINER30-SS)						
OUTLINER 30 SEAMLESS SHORT BRACKET 7.5cm (OUTLINER30-SB1)						
OUTLINER 30 SEAMLESS LONG BRACKET 12.5cm (OUTLINER30-SB2)						
OUTLINER 30 SEAMLESS PENDANT (OUTLINER30-SP1) H:150cm (OUTLINER30-SP2) H:300cm						
RGBWW / RGBCW / RGB						
Colour		Watt* / Length**				
RGBWW (RGBWW)	27W / 50,3cm (27W050)					
RGBCW (RGBCW)	46.2W / 86cm (46W084)					
84LED/m	54W / 100,3cm (54W100)					
	65.6W / 121,7cm (66W122)					
	81W / 150,3cm (81W150)					
	108W / 200,3cm (108W200)					
RGBWW (RGBWW)	19.4W / 50,3cm (19W050)					
RGBCW (RGBCW)	31.2W / 80,3cm (31W080)					
60LED/m***	39W / 100,3cm (39W100)					
	46.8W / 120,3cm (47W120)					
	58.4W / 150,3cm (58W150)					
	78W / 200,3cm (78W200)					
RGB (RGB96)	23W / 50,3cm (23W050)					
96LED/m	40.2W / 87,8cm (40W088)					
	46W / 100,3cm (46W100)					
	54.6W / 119cm (55W119)					
	69W / 150,3cm (69W150)					
	92W / 200,3cm (92W200)					
RGB (RGB60)	14.4W / 50,3cm (14W050)					
60LED/m***	23.2W / 80,3cm (23W080)					
	29W / 100,3cm (29W100)					
	34.8W / 120,3cm (35W120)					
	43.4W / 150,3cm (43W150)					
	58W / 200,3cm (58W200)					
RGB (RGB30)	7.2W / 50,3cm (07W050)					
30LED/m***	11.4W / 80,3cm (11W080)					
	14.4W / 100,3cm (14W100)					
	17.2W / 120,3cm (17W120)					
	21.6W / 150,3cm (22W150)					
	28.8W / 200,3cm (29W200)					
		12VDC (12)				

* Available in other colours at end power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap).
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER30-40SS-AN-RGB60-35W120-MS-24



OUTLINER 20



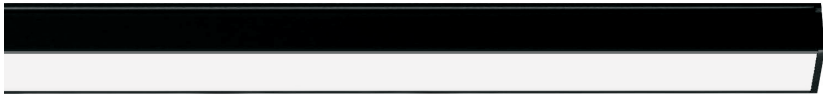
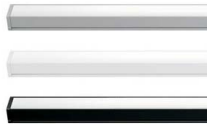
Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant)
- Long & Short bracket accessories available for wall installation.
- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX(S12)/PHASE CUT(RR/RF)/PUSH BUTTON/Bluetooth

L90/B10 > 50.000h
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
 - ✓ Custom luminaire colours

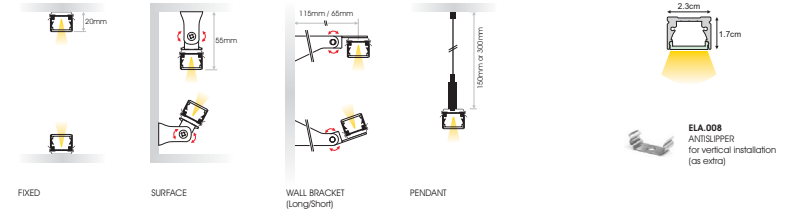


Seamless

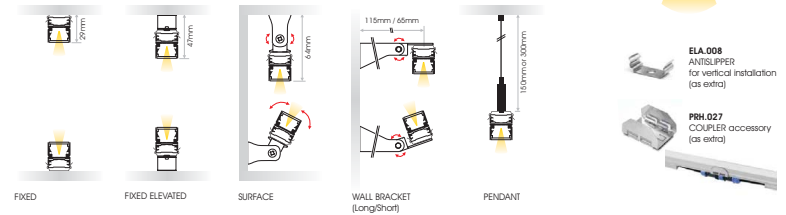


OUTLINER 20

STANDARD



SEAMLESS



Connectors



Input cable with IP connectors supplied as extra



In-Out cables & waterproof connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)

CNC.013 4 pole connector (RG8)

CNC.053 5 pole connector (RG8W)

OUTLINER 20



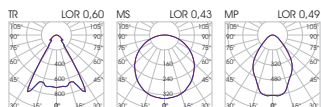
STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 20 FIXED (OUTLINER20-F)	Anodized (AN)	2000K (20)	> 80 (80)	10.5W / 53cm (11W053)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		17.5W / 83cm (16W083)	Milky Satin (MS)	
	Black (BK)	2700K (27)		21W / 103cm (21W103)	Microprismatic (MP)	
OUTLINER 20 SURFACE (OUTLINER20-S)		3000K (30)		24.5W / 119.7cm (25W120)		
		4000K (40)		31.5W / 153cm (32W153)		
		5700K (57)		42W / 203cm (42W203)		
OUTLINER 20 SHORT BRACKET 6.5cm (OUTLINER20-B1)						
OUTLINER 20 LONG BRACKET 11.5cm (OUTLINER20-B2)						
OUTLINER 20 PENDANT (OUTLINER20-P1) H:150cm (OUTLINER20-P2) H:300cm						
RGBWW / RGBCW / RGB						
		Colour		Watt / Length		
	RGBWW (RGBWW)			13.5W / 53cm (14W053)		
	RGBCW (RGBCW)			23.1W / 88.7cm (23W089)		
	84LED/m			27W / 103cm (27W103)		
				32.8W / 124.4cm (33W124)		
				40.5W / 153cm (41W153)		
				54W / 203cm (54W203)		
	RGBWW (RGBWW)			9.7W / 53cm (10W053)		
	RGBCW (RGBCW)			15.6W / 83cm (16W083)		
	60LED/m**			19.5W / 103cm (20W103)		
				23.4W / 123cm (23W123)		
				29.2W / 153cm (29W153)		
				39W / 203cm (39W203)		
	RGB (RGB9)			11.5W / 53cm (12W053)		
	96LED/m			20.1W / 90.5cm (20W091)		
				23W / 103cm (23W103)		
				27.3W / 121.7cm (27W122)		
				34.5W / 153cm (35W153)		
				46W / 203cm (46W203)		
	RGB (RGB0)			7.2W / 53cm (07W053)		
	60LED/m**			11.6W / 83cm (12W083)		
				14.5W / 103cm (15W103)		
				17.4W / 123cm (17W123)		
				21.7W / 153cm (22W153)		
				29W / 203cm (29W203)		
	RGB (RGB30)			3.6W / 53cm (04W053)		12VDC (12)
	30LED/m**			5.7W / 83cm (06W083)		
				7.2W / 103cm (07W103)		
				8.6W / 123cm (09W123)		
				10.8W / 153cm (11W153)		
				14.4W / 203cm (14W203)		

* Available in other colours at/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER20-B2-AN-RGB60-17W123-MP-24



OUTLINER 20

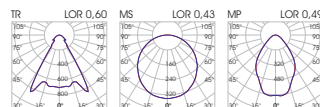
SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 20 SEAMLESS FIXED (OUTLINER20-SF)	Anodized (AN)	2000K (20)	> 80 (80)	10.5W / 50.3cm (11W050)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		17.5W / 83.7cm (16W084)	Milky Satin (MS)	
	Black (BK)	2700K (27)		21W / 103.3cm (21W103)	Microprismatic (MP)	
OUTLINER 20 SEAMLESS FIXED ELEVATED (OUTLINER20-SFE)		3000K (30)		24.5W / 117cm (25W117)		
		4000K (40)		31.5W / 150.3cm (32W150)		
		5700K (57)		42W / 200.3cm (42W200)		
OUTLINER 20 SEAMLESS SURFACE (OUTLINER20-SS)						
OUTLINER 20 SEAMLESS SHORT BRACKET 6.5cm (OUTLINER20-SB1)						
OUTLINER 20 SEAMLESS LONG BRACKET 11.5cm (OUTLINER20-SB2)						
OUTLINER 20 SEAMLESS PENDANT (OUTLINER20-SP1) H:150cm (OUTLINER20-SP2) H:300cm						
RGBWW / RGBCW / RGB						
		Colour		Watt* / Length**		
	RGBWW (RGBWW)			13.5W / 50.3cm (14W050)		
	RGBCW (RGBCW)			23.1W / 86cm (23W086)		
	84LED/m			27W / 100.3cm (27W100)		
				32.8W / 121.7cm (33W122)		
				40.5W / 150.3cm (41W150)		
				54W / 200.3cm (54W200)		
	RGBWW (RGBWW)			9.7W / 50.3cm (10W050)		
	RGBCW (RGBCW)			15.6W / 80.3cm (16W080)		
	60LED/m***			19.5W / 100.3cm (20W100)		
				23.4W / 120.3cm (23W120)		
				29.2W / 150.3cm (29W150)		
				39W / 200.3cm (39W200)		
	RGB (RGB9)			11.5W / 50.3cm (12W050)		
	96LED/m			20.1W / 87.8cm (20W088)		
				23W / 100.3cm (23W100)		
				27.3W / 119cm (27W119)		
				34.5W / 150.3cm (35W150)		
				46W / 200.3cm (46W200)		
	RGB (RGB0)			7.2W / 50.3cm (07W050)		
	60LED/m***			11.6W / 80.3cm (12W080)		
				14.5W / 100.3cm (15W100)		
				17.4W / 120.3cm (17W120)		
				21.7W / 150.3cm (22W150)		
				29W / 200.3cm (29W200)		
	RGB (RGB30)			3.6W / 50.3cm (04W050)		12VDC (12)
	30LED/m***			5.7W / 80.3cm (06W080)		
				7.2W / 100.3cm (07W100)		
				8.6W / 120.3cm (09W120)		
				10.8W / 150.3cm (11W150)		
				14.4W / 200.3cm (14W200)		

* Available in other colours at/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER20-SS-AN-RGB60-17W120-MP-24



OUTLINER 20 RC (Recessed)



Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

L90/B10 50.000h
for monochromatic models

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours

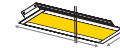
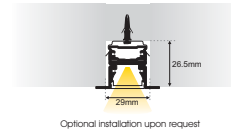
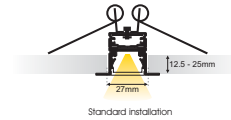
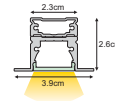


Seamless



OUTLINER 20 RC (Recessed)

STANDARD



Dimensions:

for Monochromatic, Tunable White:
39 x 54,6/87,9/104,6/121,3/154,6/204,6cm
Cutting hole:
27x 52,6/85,9/102,6/119,3/152,6/202,6cm

for RGBWW-RGBCW 84LED/m:
39 x 54,6/90,3/104,6/122,6/154,6/204,6cm
Cutting hole:
27 x 52,6/88,3/102,6/124/153,6/202,6cm

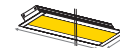
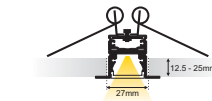
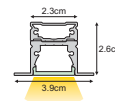
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 54,6/84,6/104,6/124,6/154,6/204,6cm
Cutting hole:
27 x 52,6/82,6/102,6/122,6/152,6/202,6cm

for RGB 96LED/m:
39 x 54,6/92,1/104,6/123,3/154,6/204,6cm
Cutting hole:
27 x 52,6/90,1/102,6/121,3/152,6/202,6cm



Note:
Cutting hole must be 10mm shorter than the luminaire length.

SEAMLESS



Dimensions:

for Monochromatic, Tunable White:
39 x 52,3/85,7/102,3/119/152,3/202,3cm
Cutting hole:
27 x 50,3/83,7/100,3/117/150,3/200,3cm

for RGBWW-RGBCW 84LED/m:
39 x 52,3/88/102,3/123,7/152,3/202,3cm
Cutting hole:
27 x 50,3/86/100,3/121,7/150,3/200,3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39 x 52,3/82,3/102,3/122,3/152,3/202,3cm
Cutting hole:
27 x 50,3/80,3/100,3/120,3/150,3/200,3cm

for RGB 96LED/m:
39 x 52,3/89,8/102,3/121/152,3/202,3cm
Cutting hole:
27 x 50,3/87,8/100,3/119/150,3/200,3cm



Note:
Cutting hole must be 10mm shorter than the luminaire length.

Connectors



Input cable with IP connectors supplied as extra.



In-Out cables & waterproof connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

- CNC.009** 2 pole connector (monochrome)
- CNC.013** 4 pole connector (RGB)
- CNC.053** 5 pole connector (RGBW)



OUTLINER 20 RC
(Recessed)



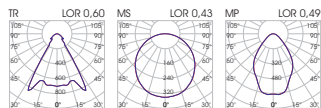
STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length**	Type	Voltage
OUTLINER 20 Recessed (OUTLINER 20 RC)	Anodized White Black (AN) (WH) (BL)	2000K (20)	>80 (80)	10.5W / 54.6cm (11W055)	Transparent Milky Satin Micropismatic (TP) (MS) (MP)	24VDC (24)
		2500K (25)		17.5W / 87.9cm (18W088)		
		2700K (27)		21W / 104.6cm (21W105)		
		3000K (30)		24.5W / 121.3cm (25W121)		
		4000K (40)		31.5W / 154.6cm (32W155)		
		5700K (57)		42W / 204.6cm (42W205)		
		TUNABLE WHITE				
Colour Temperature CRI Watt / Length**						
Tunable White >80 (80) 10W / 54.6cm (10W055)						
2700K-5700K (TW) 16.7W / 87.9cm (17W084)						
20W / 100.3cm (20W100)						
23.4W / 121.3cm (23W117)						
30W / 150.3cm (30W150)						
40W / 200.3cm (40W200)						
RGBWW / RGBCW / RGB						
Colour Watt / Length**						
RGBWW (RGBWW) 13.5W / 54.6cm (14W055)						
RGBCW (RGBCW) 23.1W / 90.3cm (23W086)						
84LED/m 27W / 104.6cm (27W105)						
32.8W / 126cm (33W122)						
40.5W / 154.6cm (41W150)						
54W / 204.6cm (54W200)						
RGBWW (RGBWW) 9.7W / 54.6cm (10W055)						
RGBCW (RGBCW) 15.6W / 84.6cm (16W080)						
60LED/m** 19.5W / 104.6cm (20W100)						
23.4W / 124.6cm (23W120)						
29.2W / 154.6cm (29W150)						
39W / 204.6cm (39W200)						
RGB (RGB%) 11.5W / 54.6cm (12W055)						
96LED/m 20.1W / 92.1cm (20W092)						
23W / 104.6cm (23W105)						
27.3W / 123.3cm (27W120)						
34.5W / 154.6cm (35W150)						
46W / 204.6cm (46W200)						
RGB (RGB%) 7.2W / 54.6cm (07W055)						
60LED/m** 11.6W / 84.6cm (12W080)						
14.5W / 104.6cm (15W100)						
17.4W / 124.6cm (17W120)						
21.7W / 154.6cm (22W150)						
29W / 204.6cm (29W200)						
RGB (RGB%) 3.6W / 54.6cm (04W055)						
30LED/m** 5.7W / 84.6cm (06W080)						
7.2W / 104.6cm (07W100)						
8.6W / 124.6cm (09W120)						
10.8W / 154.6cm (11W150)						
14.4W / 204.6cm (14W200)						

* Available in other colours upon request

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.



Ordering Code Example: OUTLINER 20RC-AN-RGB60-17W125-MP-24



OUTLINER 20 RC
(Recessed)

SEAMLESS

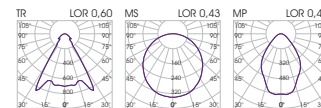


Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length**	Type	Voltage
OUTLINER 20 Recessed SEAMLESS (OUTLINER 20 RCS)	Anodized White Black (AN) (WH) (BL)	2000K (20)	>80 (80)	10.5W / 50.3cm (11W050)	Transparent Milky Satin Micropismatic (TP) (MS) (MP)	24VDC (24)
		2500K (25)		17.5W / 83.7cm (18W084)		
		2700K (27)		21W / 100.3cm (21W100)		
		3000K (30)		24.5W / 117cm (25W117)		
		4000K (40)		31.5W / 150.3cm (32W150)		
		5700K (57)		42W / 200.3cm (42W200)		
		TUNABLE WHITE				
Colour Temperature CRI Watt / Length**						
Tunable White >80 (80) 10W / 50.3cm (10W050)						
2700K-5700K (TW) 16.7W / 83.7cm (17W084)						
20W / 100.3cm (20W100)						
23.4W / 117cm (23W117)						
30W / 150.3cm (30W150)						
40W / 200.3cm (40W200)						
RGBWW / RGBCW / RGB						
Colour Watt / Length**						
RGBWW (RGBWW) 13.5W / 50.3cm (14W050)						
RGBCW (RGBCW) 23.1W / 86cm (23W086)						
84LED/m 27W / 100.3cm (27W100)						
32.8W / 121.7cm (33W122)						
40.5W / 150.3cm (41W150)						
54W / 200.3cm (54W200)						
RGBWW (RGBWW) 9.7W / 50.3cm (10W050)						
RGBCW (RGBCW) 15.6W / 80.3cm (16W080)						
60LED/m** 19.5W / 100.3cm (20W100)						
23.4W / 120.3cm (23W120)						
29.2W / 150.3cm (29W150)						
39W / 200.3cm (39W200)						
RGB (RGB%) 11.5W / 50.3cm (12W050)						
96LED/m 20.1W / 87.8cm (20W088)						
23W / 100.3cm (23W100)						
27.3W / 119cm (27W119)						
34.5W / 150.3cm (35W150)						
46W / 200.3cm (46W200)						
RGB (RGB%) 7.2W / 50.3cm (07W050)						
60LED/m** 11.6W / 80.3cm (12W080)						
14.5W / 100.3cm (15W100)						
17.4W / 120.3cm (17W120)						
21.7W / 150.3cm (22W150)						
29W / 200.3cm (29W200)						
RGB (RGB%) 3.6W / 50.3cm (04W050)						
30LED/m** 5.7W / 80.3cm (06W080)						
7.2W / 100.3cm (07W100)						
8.6W / 120.3cm (09W120)						
10.8W / 150.3cm (11W150)						
14.4W / 200.3cm (14W200)						

* Available in other colours upon request

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.

*** Length without end caps for seamless installation (Add 10mm for each end cap).



Ordering Code Example: OUTLINER 20RCS-AN-RGB60-17W120-MP-24





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Athens Plaza, Greece
Lighting Design: CPLD

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

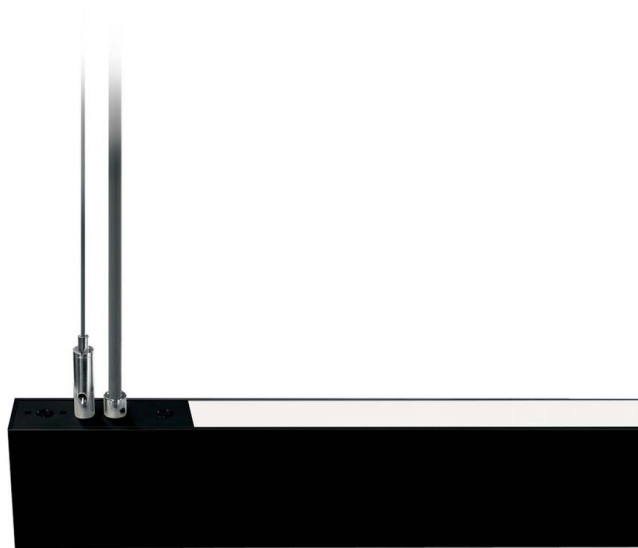
TETRA HV Series



- TETRA HV linear interior luminaires are available either for surface or pendant installation.
- Selection of dimming options available: Non dimmable/ Analogue 1-10V/ DALI/ Wireless.
- It is offered with Transparent, Milky Satin, or Microprismatic cover.
- Pendant option is available either with direct only lighting or with direct and indirect lighting.
- Emergency function capability available on request (3 hours, with build-in rechargeable battery).
- L80/B10 50,000h
- 3 SDCM
- Ingress Protection: IP40

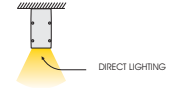
Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

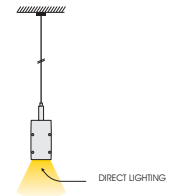


TETRA HV Series

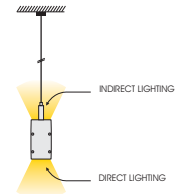
TETRA HV SF
(Surface)



TETRA HV PD
(Pendant)



TETRA HV PDDI
(Pendant Direct/Indirect)





TRIDONIC IP40

Model	Luminaire Colour	CCT	Watt / Length		2700K	3000K	4000K	Type	Voltage	Dimming Option	Extras	
TETRA HV Surface (TETRA HV SF)	Anodized (27)	2700K	15.8W / 57cm (10W/057)	57cm	2465lm	2575lm	2710lm	Transparent (TR)	230VAC (230)	Non Dimmable (ND) Analogue (1-10V) (A1) DALI Wireless (WL)	Standard (S) Emergency function* (E)	
	White (30)	3000K	23.8W / 85cm (24W/085)	85cm	3700lm	3865lm	4070lm	Milky Satin (MS)				
	Black (40)	4000K	39.6W / 141cm (40W/141)	141cm	4935lm	5155lm	5425lm	Microprismatic (MP)				
TETRA HV Pendant (TETRA HV PD)	White (30)	3000K	39.6W / 141cm (40W/141)	141cm	4935lm	5155lm	5425lm	Milky Satin (MS)	230VAC (230)	Non Dimmable (ND) Analogue (1-10V) (A1) DALI Wireless (WL)	Standard (S) Emergency function* (E)	
	Black (40)	4000K	47.5W / 169cm (48W/169)	169cm	7400lm	7730lm	8135lm	Microprismatic (MP)				
	Black (40)	4000K	55.4W / 197cm (55W/197)	197cm	8635lm	9020lm	9495lm	Microprismatic (MP)				
TETRA HV PENDANT DIRECT/INDIRECT (TETRA HV PDD)			LED Source		LED Source DIRECT	LED Source INDIRECT	LED Source DIRECT INDIRECT					
			24.4W / 57cm (24W/057)	57cm	2465lm	2575lm	2710lm	DIRECT LIGHTING	EMERGENCY FUNCTION ↓ ↑ CONTROLS			
			36.6W / 85cm (37W/085)	85cm	3700lm	3865lm	4070lm	INDIRECT LIGHTING				
			48.8W / 113cm (49W/113)	113cm	4935lm	5155lm	5425lm	DIRECT LIGHTING	EMERGENCY FUNCTION ↓ ↑ CONTROLS			
			61W / 141cm (61W/141)	141cm	6170lm	6445lm	6780lm	INDIRECT LIGHTING				
			73.1W / 169cm (73W/169)	169cm	7400lm	7730lm	8135lm	Transparent (TR)	EMERGENCY FUNCTION ↓ ↑ CONTROLS			
			85.3W / 197cm (85W/197)	197cm	8635lm	9020lm	9495lm	Milky Satin (MS)				
			92.6W / 225cm (93W/225)	225cm	9870lm	10310lm	10850lm	Microprismatic (MP)	EMERGENCY FUNCTION ↓ ↑ CONTROLS			
			104.7W / 253cm (105W/253)	253cm	11400lm	11600lm	12205lm	Transparent (TR)				
			116.8W / 281cm (117W/281)	281cm	12340lm	12890lm	13560lm	Milky Satin (MS)	EMERGENCY FUNCTION ↓ ↑ CONTROLS			
					6255lm	6500lm	6885lm	Microprismatic (MP)				

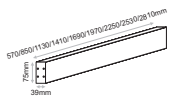
* Note for SF & PD:
All 57cm and 85cm DALL Analog (1-10), Wireless models are not available with emergency function.

** Note for standard control:
All 57cm and 85cm models are not available with emergency function.

** Note for separated control:
All 57cm, 85cm and 113cm models, are not available with emergency function.

*** Note: With control option you can choose one control (standard) for Direct & Indirect lighting or two controls (Separated) for independent control of Direct and Indirect lightings.

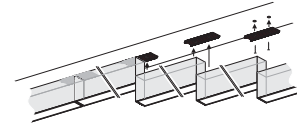
Ordering Code Example:
TETRA HV PDDI-AN-30-61W/141-MS-TR-230-ND-01



Accessories for Surface (SF)



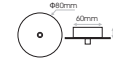
PRH.103 Line alignment



Accessories for Pendant (PD) & Pendant Direct/Indirect (PDDI)



Canopy Surface
PRH.039 White
PRH.082 Black
PRH.085 Light Grey



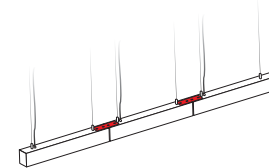
Canopy Recessed
PRH.040 White
PRH.083 Black
PRH.086 Light Grey



Canopy Timeless
PRH.041 White
PRH.084 Black
PRH.087 Light Grey

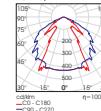


PRH.104 Line alignment

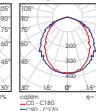


DIRECT LIGHTING

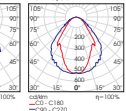
Transparent cover LOR 0.79



Milky Satin cover LOR 0.57

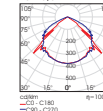


Microprismatic cover LOR 0.60

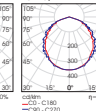


INDIRECT LIGHTING

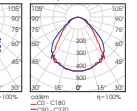
Transparent cover LOR 0.89



Milky Satin cover LOR 0.71



Microprismatic cover LOR 0.71



TETRA SLICK



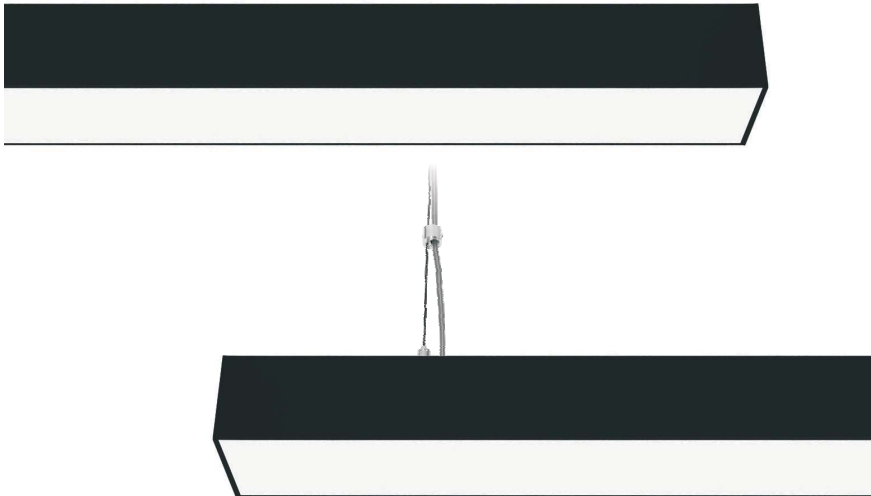
- TETRA SLICK linear interior luminaire is available either for surface or pendant installation.
- It is offered with transparent or milky satin cover.
- 3 SDCM
- L90/B10 50.000h
- IP40

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

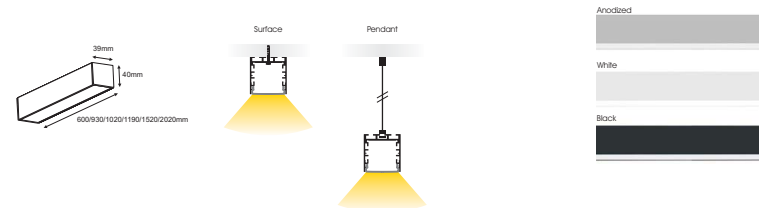


TETRA SLICK



Model	Luminaire Colour	CCT	Watt / Length	CRI	Type	Voltage
TETRA SLICK Surface (TETRA SLS)	Anodized (AN)	2000K (20K)	12.2W / 60cm (12W/060)	> 80 (80)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
	White (WH)	2500K (25K)	24.5W / 60cm (24W/060)			
	Black (BK)	2700K (27K)	19.25W / 93cm (19W/093)			
TETRA SLICK Pendant (TETRA SLP)	3000K (30K)	38.5W / 93cm (38W/093)				
	4000K (40K)	21W / 102cm (21W/102)				
	5700K (57K)	42W / 102cm (42W/102)				
		24.5W / 119cm (24W/119)				
		49W / 119cm (49W/119)				
	31.5W / 152cm (31W/152)					
	63W / 152cm (63W/152)					
	42W / 202cm (42W/202)					
	84W / 202cm (84W/202)					

Ordering Code Example:
TETRA SLS-BL-30N-63W/152-80-MS-24



TETRA Series



- TETRA linear luminaire is available for surface, recessed, trimless or pendant application.
- L90/B10, 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

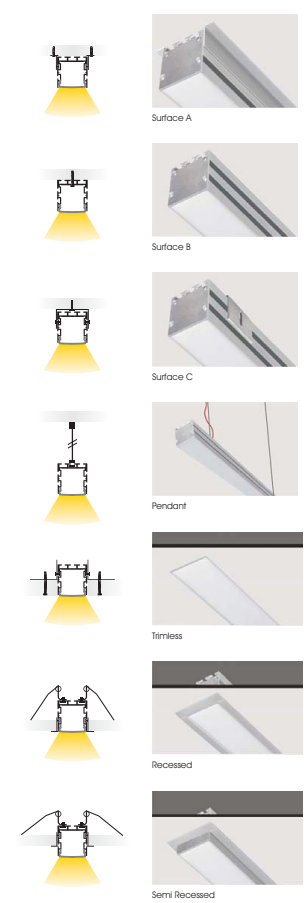


Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



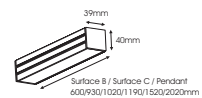
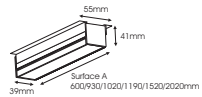
TETRA Series





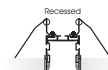
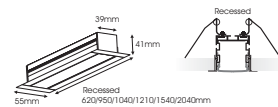
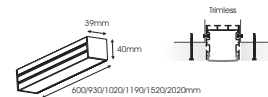
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
TETRA Surface A <i>(TETRA SA)</i>	Anodized <i>(AN)</i>	2000K <i>(20N)</i>	≥ 80 <i>(80)</i>	Transparent <i>(TR)</i> Milky Satin <i>(MS)</i> Micropismatic <i>(MP)</i>	12.2W / 60cm <i>(12W060)</i>	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25N)</i>			24.5W / 60cm <i>(24W060)</i>	
	Black <i>(BL)</i>	2700K <i>(27N)</i>			19.25W / 93cm <i>(19W093)</i>	
TETRA Surface B <i>(TETRA SB)</i>		3000K <i>(30N)</i>			38.5W / 93cm <i>(38W093)</i>	
		4000K <i>(40N)</i>			21W / 102cm <i>(21W102)</i>	
		5700K <i>(57N)</i>			42W / 102cm <i>(42W102)</i>	
TETRA Surface C <i>(TETRA SC)</i>					24.5W / 119cm <i>(24W119)</i>	
					49W / 119cm <i>(49W119)</i>	
					31.5W / 152cm <i>(31W152)</i>	
TETRA Pendant <i>(TETRA PD)</i>					63W / 152cm <i>(63W152)</i>	
					42W / 202cm <i>(42W202)</i>	
					84W / 202cm <i>(84W202)</i>	

Ordering Code Example:
TETRA PD-BL-30N-80-MS-31W152-24

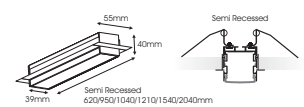


Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
TETRA Trimless <i>(TETRA TR)</i>	Anodized <i>(AN)</i>	2000K <i>(20N)</i>	≥ 80 <i>(80)</i>	Transparent <i>(TR)</i> Milky Satin <i>(MS)</i> Micropismatic <i>(MP)</i>	12.2W / 60cm <i>(12W060)</i>	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25N)</i>			24.5W / 60cm <i>(24W060)</i>	
	Black <i>(BL)</i>	2700K <i>(27N)</i>			19.25W / 93cm <i>(19W093)</i>	
		3000K <i>(30N)</i>			38.5W / 93cm <i>(38W093)</i>	
		4000K <i>(40N)</i>			21W / 102cm <i>(21W102)</i>	
		5700K <i>(57N)</i>			42W / 102cm <i>(42W102)</i>	
					24.5W / 119cm <i>(24W119)</i>	
					49W / 119cm <i>(49W119)</i>	
					31.5W / 152cm <i>(31W152)</i>	
					63W / 152cm <i>(63W152)</i>	
					42W / 202cm <i>(42W202)</i>	
					84W / 202cm <i>(84W202)</i>	
TETRA Recessed <i>(TETRA RC)</i>					12.2W / 62cm <i>(12W062)</i>	
					24.4W / 62cm <i>(24W062)</i>	
					19.2W / 95cm <i>(19W095)</i>	
TETRA Semi Recessed <i>(TETRA SR)</i>					38.5W / 95cm <i>(38W095)</i>	
					21W / 104cm <i>(21W104)</i>	
					42W / 104cm <i>(42W104)</i>	
					24.5W / 121cm <i>(24W121)</i>	
					49W / 121cm <i>(49W121)</i>	
					31.5W / 154cm <i>(31W154)</i>	
					63W / 154cm <i>(63W154)</i>	
				42W / 204cm <i>(42W204)</i>		
				84W / 204cm <i>(84W204)</i>		

Ordering Code Example:
TETRA RC-BL-30N-80-MS-31W154-24



60.2x4.3cm
93.2x4.3cm
102.2x4.3cm
119.2x4.3cm
152.2x4.3cm
202.2x4.3cm



60.2x4.3cm
93.2x4.3cm
102.2x4.3cm
119.2x4.3cm
152.2x4.3cm
202.2x4.3cm



TETRA SLICK WASH



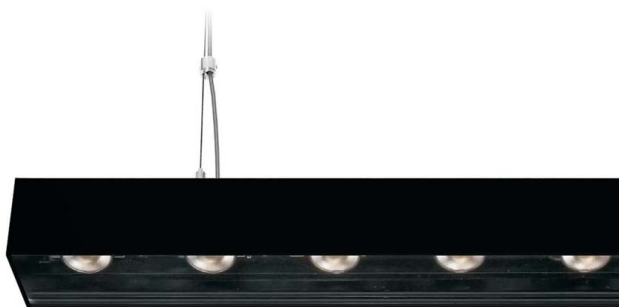
- TETRA SLICK WASH linear luminaire is available for surface or pendant application.
- L90/B10 50000h
- 3 SDCM
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



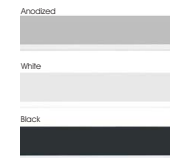
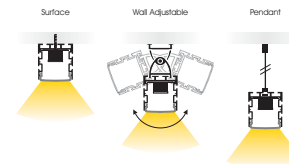
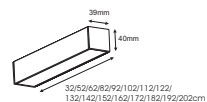
TETRA SLICK WASH



Model	Luminaire Colour	CCT	CRI	Beam Angle	Wall-LED/m	Length	Voltage	
TETRA SLICK WASH Surface <i>(TETRA SLICK WASH SF)</i>	Anodized (AN)	2700K (27C)	>70* (70)	12° (12)	10.5W-10LED/m (1010)	32cm (032)	24VDC (24)	
	White (WH)	3000K (30C)	>80** (80)	25° (25)	21W-10LED/m (2010)	52cm (052)		
	Black (BL)	4000K (40C)	46° (46)	21W-20LED/m (2020)	62cm (062)			
		5600K* (56C)	40°x10° (40)	92cm (092)				
TETRA SLICK WASH Wall Adjustable <i>(TETRA SLICK WASH WA)</i>						102cm (102)		
						112cm (112)		
						122cm (122)		
						132cm (132)		
						142cm (142)		
						152cm (152)		
TETRA SLICK WASH Pendant <i>(TETRA SLICK WASH PD)</i>						162cm (162)		
						172cm (172)		
						182cm (182)		
						192cm (192)		
						202cm (202)		
						25.2W-24LED/m (2424)	52cm (052)	
							102cm (102)	
							152cm (152)	
							202cm (202)	

* 5600K only available in CRI 70
** CRI 80 only for 2700K/3000K/4000K

Ordering Code Example: TETRA SLICK WASH SF-BL-30C-80-46-2424-102-24



TETRA PLUS Series



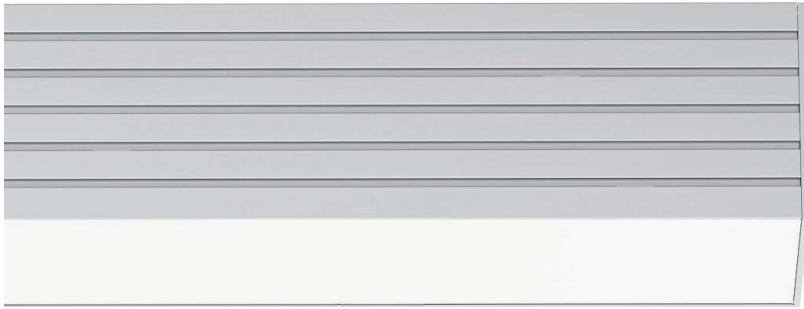
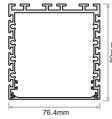
- TETRA PLUS linear luminaire is available for surface, recessed, trimless or pendant application.
- LR0810 50,000h (for monochromatic models)
- 3 SDCM
- IP40

230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request for monochromatic models (except 32W113 model).

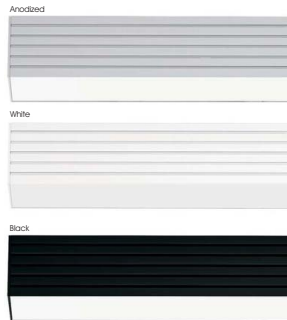
TUNABLE WHITE

- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.



Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



TETRA PLUS Series

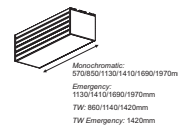
TRIDONIC IP40

Model	Luminaire Colour	CRI	Type	Voltage*	CCT**	Watt / Length	Initial LED Lumen (no cover)		
TETRA PLUS SURFACE <i>(TETRA PLUS SF)</i>	Anodized <i>(AN)</i>	> 80 <i>(80)</i>	Transparent <i>(TR)</i> Milky Satin <i>(MS)</i>	230VAC <i>(230)</i>	3000K <i>(30)</i> 4000K <i>(40)</i>	16W / 57cm <i>(16W057)</i>	3000K 2240lm		
	White <i>(WH)</i>					2060lm			
	Black <i>(BL)</i>					3090lm			
						3360lm			
TETRA PLUS SURFACE with HINGE <i>(TETRA PLUS SFH)</i>						4120m	4480lm		
						4120m	5600lm		
						6180m	6720lm		
						7210m	7840lm		
TETRA PLUS RECESSED <i>(TETRA PLUS DC)</i>									
TETRA PLUS TRIMLESS <i>(TETRA PLUS TR)</i>									
TETRA PLUS PENDANT <i>(TETRA PLUS PD)</i>									
230V EMERGENCY							3000K 4000K		
3000K <i>(30EM)</i>						32W / 113cm <i>(32W113)</i>	4120lm 4480lm		
4000K <i>(40EM)</i>						40W / 141cm <i>(40W141)</i>	5150lm 5600lm		
Emergency						48W / 169cm <i>(48W169)</i>	6180lm 6720lm		
						56W / 197cm <i>(56W197)</i>	7210lm 7840lm		
Voltage							CCT	Watt / Length	Initial LED Lumen (no cover)
230VAC							TUNABLE WHITE		
230VAC DALI Dimmable <i>(230DL)</i>	Tunable White					20W / 86cm <i>(20W086)</i>	2100lm		
	3000K~6000K					26W / 114cm <i>(26W114)</i>	2650lm		
	<i>(TW)</i>					32W / 142cm <i>(32W142)</i>	3350lm		
						40W / 86cm <i>(40W086)</i>	4300lm		
						52W / 114cm <i>(52W114)</i>	5700lm		
					62W / 142cm <i>(62W142)</i>	7150lm			
TUNABLE WHITE							230V EMERGENCY		
Tunable White						32W / 142cm <i>(32W142)</i>	3350lm		
3000K~6000K						62W / 142cm <i>(62W142)</i>	7150lm		
<i>(TWEM)</i>									

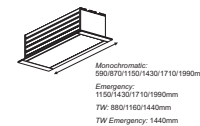
* Available in 230VAC DALI dimmable upon request.
** Available in 2700K, 3500K and 6500K upon request.

Ordering Code Example: TETRA PLUS SF-BL-80-MS-230-30-56W197

Surface, Trimless, Pendant



Recessed



PALMA Series



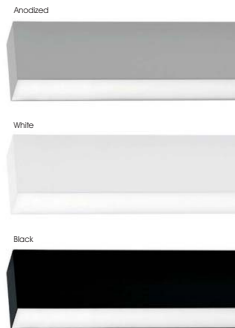
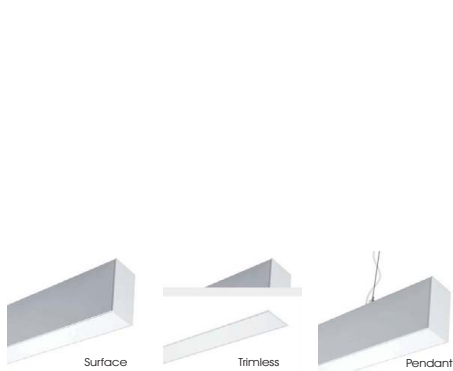
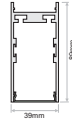
- PALMA linear luminaire is suitable for surface, trimless or pendant installation.
- DALI dimmable upon request.
- L80/B10 50,000h (for monochromatic models)
- 3 SDCM

230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request (except 32W/113 model).

TUNABLE WHITE

- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.



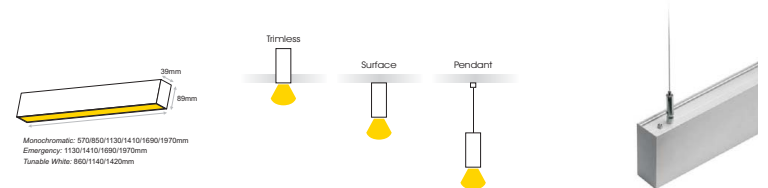
PALMA Series

TRIDONIC

Model	Luminaire Colour	CRI	Type	Voltage*	CCT**	Watt / Length	Initial LED Lumen (no cover)	
PALMA Surface (PALMA SF)	Anodized (AN)	> 80 (80)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	230VAC (230)	3000K (30) 4000K (40)	16W / 57cm (16W057)	2060lm	2240lm
	White (WH)					24W / 85cm (24W085)	3090lm	3360lm
	Black (BL)					32W / 113cm (32W113)	4120lm	4480lm
						40W / 141cm (40W141)	5150lm	5600lm
						48W / 169cm (48W169)	6180lm	6720lm
						56W / 197cm (56W197)	7210lm	7840lm
PALMA Trimless (PALMA TR)								
PALMA Pendant (PALMA PD)								
230V EMERGENCY ☀							3000K	4000K
						32W / 113cm (32W113)	4120lm	4480lm
						40W / 141cm (40W141)	5150lm	5600lm
						48W / 169cm (48W169)	6180lm	6720lm
						56W / 197cm (56W197)	7210lm	7840lm
TUNABLE WHITE								
230VAC DALI Dimmable (230DL)					Tunable White 3000K-6000K (TW)	20W / 86cm (20W086)	2100lm	
						26W / 114cm (26W114)	2650lm	
						32W / 142cm (32W142)	3350lm	
						40W / 86cm (40W086)	4300lm	
						52W / 114cm (52W114)	5700lm	
						62W / 142cm (62W142)	7150lm	

*Available in 230VAC DALI dimmable upon request.
**Available in 2700K, 3500K and 6500K upon request.

Ordering Code Example: PALMA SF-BL-80-MP-230-40-40W141



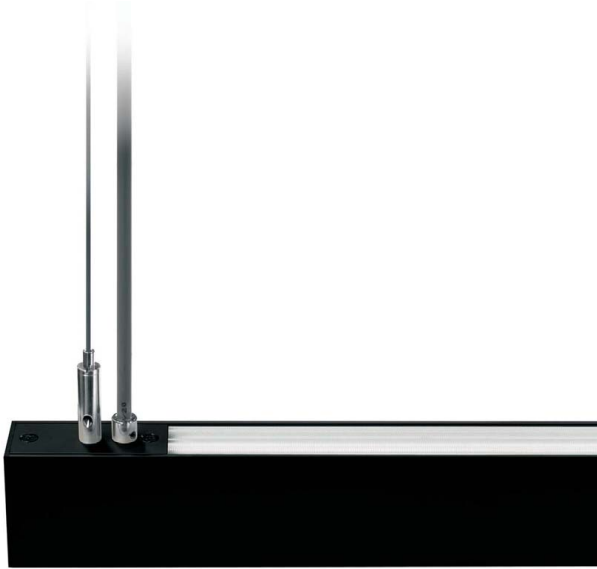
LINILUX Series



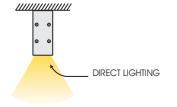
- LINILUX is ideal for corridors in retail lighting due to its asymmetric & double asymmetric lenses.
- It is either for surface or pendant application.
- L80/B10 50,000h
- 3 SDCM
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Ingress Protection: IP40

Available upon request:

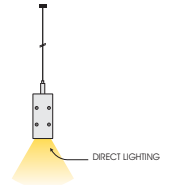
- ✓ Custom luminaire colours
- ✓ Emergency version



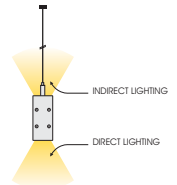
LINILUX SF (Surface)



LINILUX PD (Pendant)



LINILUX PDDI (Pendant Direct/Indirect)



LINILUX Series

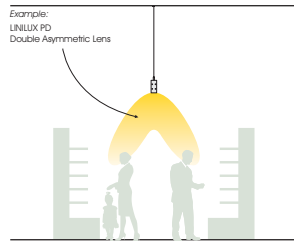
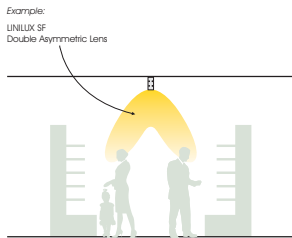




TRIDONIC IP40

Model	Luminaire Colour	CCT	Watt / Length	CRI >80 LED Source	Beam Angle	Voltage	Dimming Option	Extras	
> 80 (80)									
LINILUX Surface (LINILUX SF)	Anodized (AN) White (WH) Black (BL)	2700K (27)	17.1W / 57cm (17W057)	2600lm	40° Lens (40)	230VAC (230)	Non Dimmable (ND)	Standard (0)	
			25.6W / 85cm (26W085)	3900lm	60° Lens (60)		Emergency (1)		
			34.2W / 113cm (34W113)	5200lm	70° Lens (70)		Analogue (A1)		
	LINILUX Pendant (LINILUX PD)			42.7W / 141cm (43W141)	6500lm	90° Lens (90)		DAU (D)	Note: All 57cm and 85cm DAU Analogue (1-10V), Wireless models are not available with emergency function.
				51.2W / 169cm (51W169)	7800lm	110° Lens (110)		Wireless (WL)	
				59.8W / 197cm (60W197)	9100lm	145° Lens (145)			
				68.3W / 225cm (68W225)	10400lm	Asymmetric Lens (AS)			
				76.8W / 253cm (77W253)	11700lm	Double Asymmetric Lens (DAS)			
				85.4W / 281cm (85W281)	13000lm				
				3000K (30)	17.1W / 57cm (17W057)	2680lm			
					25.6W / 85cm (26W085)	4020lm			
					34.2W / 113cm (34W113)	5360lm			
4000K (40)	42.7W / 141cm (43W141)	6700lm							
	51.2W / 169cm (51W169)	8040lm							
	59.8W / 197cm (60W197)	9380lm							
	68.3W / 225cm (68W225)	10720lm							
	76.8W / 253cm (77W253)	12060lm							
	85.4W / 281cm (85W281)	13400lm							
	17.1W / 57cm (17W057)	2810lm							
	25.6W / 85cm (26W085)	4215lm							
	34.2W / 113cm (34W113)	5620lm							

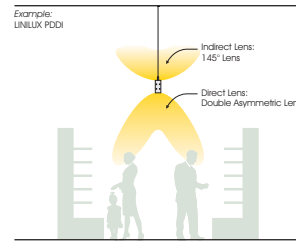
Ordering Code Example:
LINILUX SF-AN-30-43W141-80-DAS-230-ND-1



TRIDONIC IP40

Model	Luminaire Colour	CCT	Watt / Length	CRI >80 LED Source	DIRECT-INDIRECT	Beam Angle	Voltage	Dimming Option	Extras			
> 80 (80)												
LINILUX Pendant Direct/Indirect (LINILUX PDDI)	Anodized (AN) White (WH) Black (BL)	2700K (27)	24.4W / 57cm (24W057)	2600 - 885lm	DIRECT LIGHTING ↓ (70°/90°/0°) ↑ INDIRECT LIGHTING	40° Lens (40) 60° Lens (60) 70° Lens (70) 90° Lens (90) 110° Lens (110) 145° Lens (145)	230VAC (230)	Non Dimmable (ND)	EMERGENCY FUNCTION ↓ (1-10V) ↑ CONTROLS			
			36.6W / 85cm (37W085)	3900-1475lm						EMERGENCY FUNCTION: Standard (0) Emergency (1) function		
			48.8W / 113cm (49W113)	5200-2065lm								
	LINILUX Pendant Direct/Indirect (LINILUX PDDI)			61.0W / 141cm (61W141)	6500-2650lm	DIRECT LENSES: 40° Lens (40) 60° Lens (60) 70° Lens (70) 90° Lens (90) 110° Lens (110) 145° Lens (145) Asymmetric Lens (AS) Double (DAS) Asymmetric Lens	EMERGENCY FUNCTION: Standard (0) Emergency (1) function		EMERGENCY FUNCTION: Standard (0) Emergency (1) function			
				73.2W / 169cm (73W169)	7800-3240lm							
				85.4W / 197cm (85W197)	9100-3830lm							
				93.3W / 225cm (93W225)	10400-4120lm							
				105.4W / 253cm (105W253)	11700-4710lm							
				117.5W / 281cm (118W281)	13000-5300lm							
				3000K (30)	24.4W / 57cm (24W057)					2680 - 910lm		
					36.6W / 85cm (37W085)					4020-1520lm		
					48.8W / 113cm (49W113)					5360-2125lm		
4000K (40)	61.0W / 141cm (61W141)	6700-2735lm										
	73.2W / 169cm (73W169)	8040-3340lm										
	85.4W / 197cm (85W197)	9380-3950lm										
	93.3W / 225cm (93W225)	10720-4255lm										
	105.4W / 253cm (105W253)	12060-4860lm										
	117.5W / 281cm (118W281)	13400-5470lm										
	24.4W / 57cm (24W057)	2810 - 955lm										
	36.6W / 85cm (37W085)	4215-1595lm										
	48.8W / 113cm (49W113)	5620-2230lm										

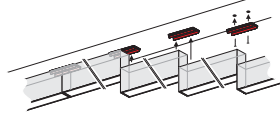
Ordering Code Example:
LINILUX PDDI-AN-30-93W225-80-DAS110-230-ND-11



Accessories for Surface (SF)



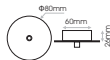
PRH.102 Line alignment



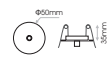
Accessories for Pendant (PD) & Pendant Direct/Indirect (PDDI)



Canopy Surface
PRH.039 White
PRH.082 Black
PRH.085 Light Grey



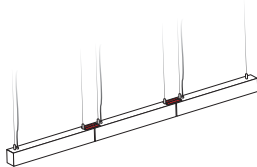
Canopy Recessed
PRH.040 White
PRH.083 Black
PRH.086 Light Grey



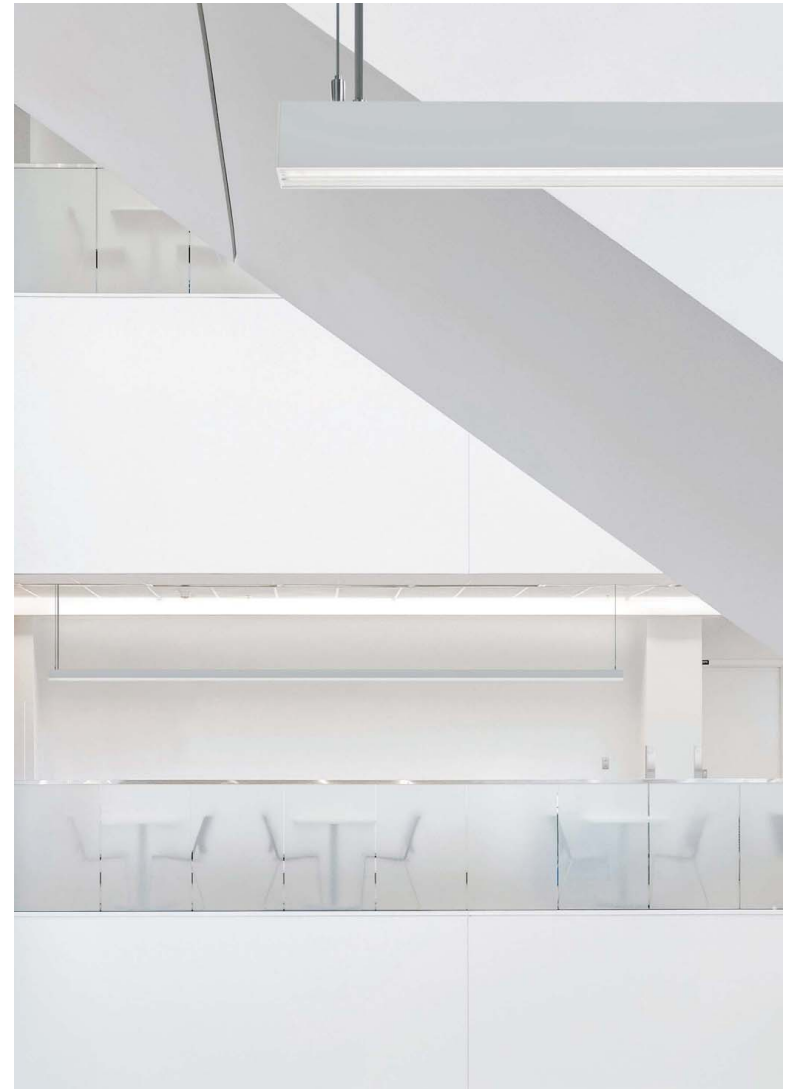
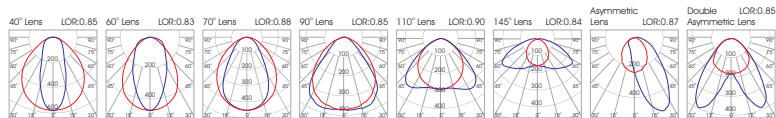
Canopy Trimless
PRH.041 White
PRH.084 Black
PRH.087 Light Grey



PRH.101 Line alignment



Polar Curves of lenses



LUMINET



- LUMINET linear interior luminaire is available for surface, pendant installation or with brackets for wall installation.
- It is suitable for indoor wall washing as it offers a variety of beam angles (15°, 30°, 50°, 70°, 90°).
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40

Monochromatic Lighting management options:

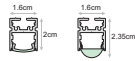
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/RF/PUSH BUTTON/Bluetooth

RGBW Lighting management options:

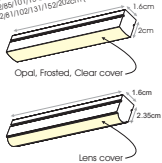
DMX, DALI, Wireless Bluetooth or RF controllers

Available upon request:

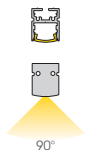
- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



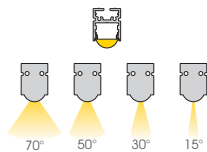
52/85/102/119/152/202cm (Monochromatic)
 52/77/102/121/152/202cm (RGBW 192LED/m)
 52/85/102/134/151/201cm (RGBW 144LED/m)
 52/81/102/131/152/202cm (RGBW 84LED/m)



Opal, Frosted, Clear cover



Lens cover



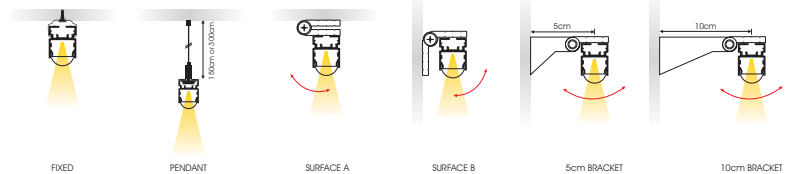
LUMINET



Model	Luminaire Colour	Colour Temperature	CRI	Watt / Length	Beam Angle (Cover Type)	Voltage
LUMINET FIXED (LUMINET FX)	Anodized (AN)	2000K (20)	≥ 80 (80)	10.5W / 52cm (11W052)	15° (Lens Cover) (15L) 30° (Lens Cover) (30L) 50° (Lens Cover) (50L) 70° (Lens Cover) (70L) 90° (Opal Cover) (90O) 90° (Frosted Cover) (90F) 90° (Clear Cover) (90C)	24VDC (24)
	White (WH)	2500K (25)		17.5W / 85cm (18W085)		
	Black (BL)	2700K (27)		21W / 102cm (21W102)		
LUMINET PENDANT (LUMINET P1) H:150cm (LUMINET P2) H:300cm		3000K (30)		24.5W / 119cm (25W119)		
		4000K (40)		31.5W / 152cm (32W152)		
		5700K (57)		42W / 202cm (42W202)		
LUMINET SURFACE A (LUMINET SA)						
LUMINET SURFACE B (LUMINET SB)						
LUMINET 5cm BRACKET (LUMINET B1)						
LUMINET 10cm BRACKET (LUMINET B2)						
RGBW						
				Colour	Watt / Length	
RGBW 192LED/m** (RGBW)				13.5W / 52cm (14W052)		
				20.2W / 77cm (20W077)		
				27W / 102cm (27W102)		
				30.4W / 127cm (30W127)		
				40.5W / 152cm (41W152)		
RGBW 144LED/m** (RGBW)				7.5W / 52cm (8W052)		
				12.5W / 85cm (13W085)		
				15W / 101cm (15W101)		
				20W / 134cm (20W134)		
				22.5W / 151cm (23W151)		
RGBW 84LED/m** (RGBW)				13.5W / 52cm (14W052)		
				21.2W / 81cm (21W081)		
				27W / 102cm (27W102)		
				34.7W / 131cm (35W131)		
				40.5W / 152cm (41W152)		
RGBW 60LED/m** (RGBW)				9.8W / 52cm (10W052)		
				14.6W / 77cm (15W077)		
				19.5W / 102cm (20W102)		
				24.4W / 127cm (24W127)		
				29.4W / 152cm (29W152)		

* RGBW 192/144LED/m available with Lens Cover
 ** RGBW 84/60LED/m available with Opal/Frosted/Clear Cover

Ordering Code Example: LUMINET SA-WH-30-80-32W152-90F-24



LIGUA 1



- LIGUA 1 is a linear single side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90/B10 50.0000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI0...10V1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

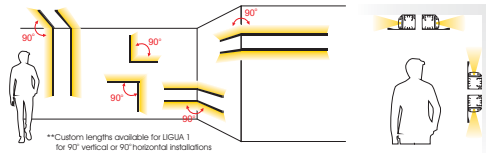
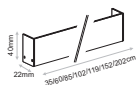


Model	Luminaire Colour	CCT	CR*	Type	Watt* / Length	Voltage
LIGUA 1 (LIGUA 1)	Anodized (AN)	2000K (20)	> 80 (80)	Clear (CL)	7W / 35cm (07W035)	24VDC (24)
	White (WH)	2500K (25)		Opal (OP)	12.2W / 60cm (12W060)	
	Black (BL)	2700K (27)		Frosted (FR)	17.5W / 85cm (17W085)	
		3000K (30)			21W / 102cm (21W102)	
		4000K (40)			24.5W / 119cm (24W119)	
		5700K (57)			31.5W / 152cm (31W152)	
				42W / 202cm (42W202)		

*Available also in CR90 upon request
Ordering Code Example: LIGUA 1-BL-40-80-FR-31W152-24

Available upon request:

- ✓ Custom dimensions**
- ✓ Custom luminaire colours
- ✓ Emergency version



**Custom lengths available for LIGUA 1 for 90° vertical or 90° horizontal installations



LIGUA 2

- LIGUA 2 is a linear double side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90/B10 50.0000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI0...10V1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

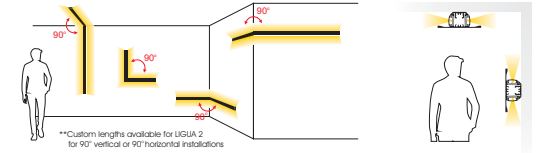
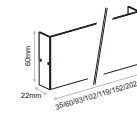


Model	Luminaire Colour	CCT	CR*	Type	Watt* / Length	Voltage
LIGUA 2 (LIGUA 2)	Anodized (AN)	2000K (20)	> 80 (80)	Clear (CL)	14W / 35cm (14W035)	24VDC (24)
	White (WH)	2500K (25)		Opal (OP)	24.4W / 60cm (24W060)	
	Black (BL)	2700K (27)		Frosted (FR)	38.5W / 93cm (38W093)	
		3000K (30)			42W / 102cm (42W102)	
		4000K (40)			49W / 119cm (49W119)	
		5700K (57)			63W / 152cm (63W152)	
				84W / 202cm (84W202)		

*Available also in CR90 upon request
Ordering Code Example: LIGUA 2-BL-40-80-FR-63W152-24

Available upon request:

- ✓ Custom dimensions**
- ✓ Custom luminaire colours
- ✓ Emergency version

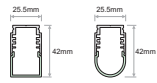


**Custom lengths available for LIGUA 2 for 90° vertical or 90° horizontal installations



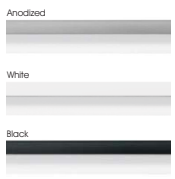
- JOY linear luminaire is available for surface or pendant application.
- L90/B10 50.000
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



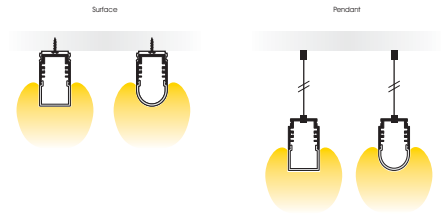
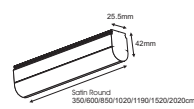
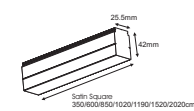
Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
JOY SURFACE <i>(JOY SF)</i>	Anodized <i>(AN)</i>	2000K <i>(20K)</i>	> 80 <i>(80)</i>	Satin Square <i>(SS)</i>	7W / 35cm <i>(07W035)</i>	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25K)</i>		Satin Round <i>(SR)</i>	12.2W / 60cm <i>(12W060)</i>	
	Black <i>(BL)</i>	2700K <i>(27K)</i>			17.5W / 85cm <i>(17W085)</i>	
JOY PENDANT <i>(JOY PD)</i>		3000K <i>(30K)</i>			21W / 102cm <i>(21W102)</i>	
		4000K <i>(40K)</i>			24.5W / 119cm <i>(24W119)</i>	
		5700K <i>(57K)</i>			31.5W / 152cm <i>(31W152)</i>	
					42W / 202cm <i>(42W202)</i>	

Ordering Code Example:
JOY SF-BL-30N-80-SS-24W119-24



U TYPE



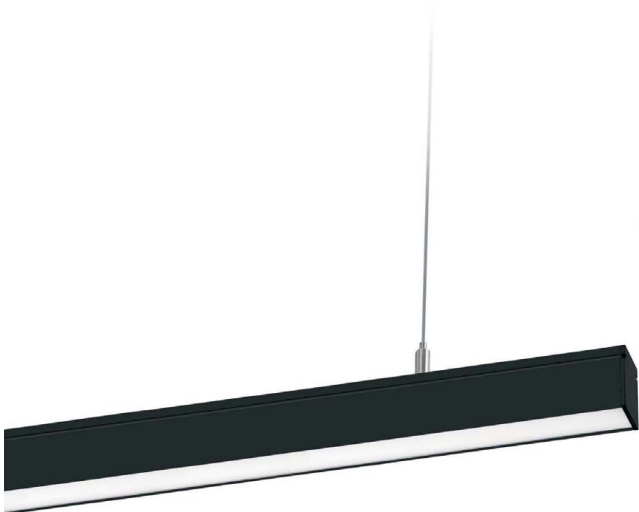
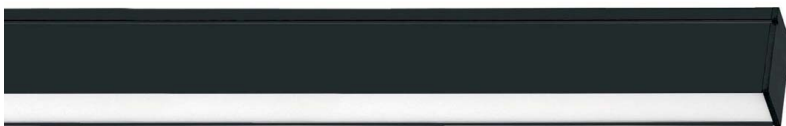
- U TYPE linear luminaire is available for surface or pendant application.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90/810 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



U TYPE

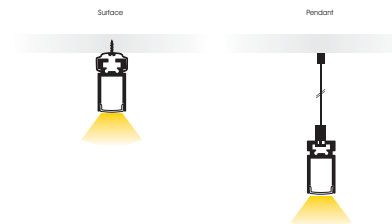
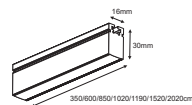
LIGHTSOURCE BY
NICHIA

IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
U TYPE Surface <i>(U TYPE SF)</i>	Anodized <i>(AN)</i>	2000K <i>(20K)</i>	≥ 80 <i>(80)</i>	Milky <i>(ML)</i>	7W / 35cm <i>(07W/035)</i>	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25K)</i>		Milky Satin <i>(MS)</i>	12.2W / 60cm <i>(12W/060)</i>	
	Black <i>(BL)</i>	2700K <i>(27K)</i>		Ruled <i>(RL)</i>	17.5W / 85cm <i>(17W/085)</i>	
U TYPE Pendant <i>(U TYPE PD)</i>		3000K <i>(30K)</i>		Transparent <i>(TR)</i>	21W / 102cm <i>(21W/102)</i>	
		4000K <i>(40K)</i>			24.5W / 119cm <i>(24W/119)</i>	
		5700K <i>(57K)</i>			31.5W / 152cm <i>(31W/152)</i>	
					42W / 202cm <i>(42W/202)</i>	

Ordering Code Example:

U TYPE SF-BL-30N-80-ML-24W119-24



ELECSIA

- ELECSIA is a simple low depth linear luminaire suitable for surface, pendant or wall bracket installation.
- L90@10.5000h (for monochromatic models)
- 3.92CM (for monochromatic models)
- IP40

Lighting management options:
On-Off/DALI0..10V/1..10V/DMXS1.2/PHASE CUT/R/R/PUSH BUTTON

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



ELECSIA

LIGHTSOURCE BY
NICHIA
for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
ELECSIA FIXED (ELECSIA F)	Anodized (AN)	2000K (20)	>80 (80)	10.5W / 52cm (11W052)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
	White (WH)	2500K (25)	17.5W / 85.3cm (18W085)			
	Black (BL)	2700K (27)	21W / 102cm (21W102)			
ELECSIA SURFACE A (ELECSIA SA)		3000K (30)		24.5W / 118.7cm (25W119)		
		4000K (40)		31.5W / 152cm (32W152)		
ELECSIA SURFACE B (ELECSIA SB)		5700K (57)		42W / 202cm (42W202)		
ELECSIA SURFACE C (ELECSIA SC)						
ELECSIA SHORT BRACKET 6.5cm (ELECSIA B1)						
ELECSIA LONG BRACKET 11.5cm (ELECSIA B2)						
ELECSIA PENDANT (ELECSIA P1) (ELECSIA P2)		H:150cm				
		H:300cm				
RGBWW / RGBCW / RGB						
		Colour		Watt / Length		
RGBWW (RGBWW)				13.5W / 52cm (14W052)		
RGBCW (RGBCW)				23.1W / 87.7cm (23W088)		
84LED/m				27W / 102cm (27W102)		
				32.8W / 123.4cm (33W123)		
				40.5W / 152cm (41W152)		
				54W / 202cm (54W202)		
RGBWW (RGBWW)				9.7W / 52cm (10W052)		
RGBCW (RGBCW)				15.6W / 82cm (16W082)		
60LED/m**				19.5W / 102cm (20W102)		
				23.4W / 122cm (23W122)		
				29.2W / 152cm (29W152)		
				39W / 202cm (39W202)		
RGB (RGB90)				11.5W / 52cm (12W052)		
96LED/m				20.1W / 89.5cm (20W090)		
				23W / 102cm (23W102)		
				27.3W / 120.7cm (27W121)		
				34.5W / 152cm (35W152)		
				46W / 202cm (46W202)		
RGB (RGB60)				7.2W / 52cm (07W052)		
60LED/m**				11.6W / 82cm (12W082)		
				14.5W / 102cm (15W102)		
				17.4W / 122cm (17W122)		
				21.7W / 152cm (22W152)		
				29W / 202cm (29W202)		
RGB (RGB30)				3.6W / 52cm (04W052)		
30LED/m**				5.7W / 82cm (06W082)		
				7.2W / 102cm (07W102)		
				8.6W / 122cm (09W122)		
				10.8W / 152cm (11W152)		
				14.4W / 202cm (14W202)		
						12VDC (12)

* Available in other colour or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: ELECSIA B1-BL-RGB60-22W152-TR-24



ELA.008
Anti-tippet for vertical installation (as extra)



Input cable with IP connectors (as extra)



Input & Output cables with IP connector (as extra)

OMEGA

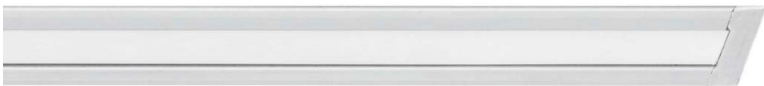
- OMEGA is a recessed linear luminaire.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90/B10 50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

Interior Linear 



LIGHTSOURCE BY **NICHIA** IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
OMEGA (OMEGA)	Anodized (AN)	2000K (20N)	> 80 (80)	Milky (ML)	7W / 37cm (07W037)	24VDC (24)
		2500K (25N)			12.2W / 62cm (12W062)	
		2700K (27N)			17.5W / 87cm (17W087)	
		3000K (30N)			21W / 104cm (21W104)	
		4000K (40N)			24.5W / 121cm (24W121)	
		5700K (57N)			31.5W / 154cm (31W154)	
				Transparent (TR)	42W / 204cm (42W204)	

Ordering Code Example:

OMEGA-AN-30N-80-MS-24W121-24



- 36 1x1.7cm
- 61 1x1.7cm
- 86 1x1.7cm
- 103 1x1.7cm
- 120 1x1.7cm
- 153 1x1.7cm
- 203 1x1.7cm



Private Residence, Athens, Greece
Tense Architecture Network

3rd Winner of the H user
prize as the best family residence in Europe



- SKYTUBE linear luminaires is offered either for surface or pendant application.
- Tube Material: PMMA
- L90/810 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40



IP40

Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ Custom dimensions



Length:

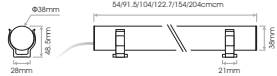
for Monochromatic:
54/87.3/104/120.7/154/204cm

for Tunable White:
54/79/104/120.7/154/195.7cm

for RGBWW/RGBCW/84LED/m:
54/87.7/104/120.7/154/204cm

for RGBWW/RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
54/84/104/124/154/204cm

for RGB 94LED/m:
54/81.2/104/122.7/154/204cm



Model	Colour Temperature	CRI	Watt / Length	Type	Voltage		
SKYTUBE Surface <i>(SKYTUBE SF)</i>	2000K (20)	80+ (80)	10.5W / 54cm (11W/054)	Milky (ML)	24VDC (24)		
	2500K (25)		17.5W / 87.3cm (18W/087)				
	2700K (27)		21W / 104cm (21W/104)				
	3000K (30)		24.5W / 120.7cm (25W/121)				
	4000K (40)		31.5W / 154cm (32W/154)				
5700K (57)		42W / 204cm (42W/204)					
TUNABLE WHITE							
Colour Temperature CRI Watt / Length							
Tunable White 2700K~5700K <i>(TW)</i>	80+ (80)	10W / 54cm (10W/054)					
		15W / 79cm (15W/079)					
		20W / 104cm (20W/104)					
		25W / 129cm (25W/129)					
		33W / 154cm (33W/154)					
		38.3W / 195.7cm (38W/196)					
RGBWW / RGBCW / RGB							
Colour Watt / Length							
RGBWW <i>(RGBWW)</i> RGBCW <i>(RGBCW)</i> 84LED/m		13.5W / 54cm (14W/054)					
		23.1W / 89.7cm (23W/090)					
		27W / 104cm (27W/104)					
		32.8W / 125.4cm (33W/125)					
		40.5W / 154cm (41W/154)					
		54W / 204cm (54W/204)					
RGBWW <i>(RGBWW)</i> RGBCW <i>(RGBCW)</i> 60LED/m*		9.7W / 54cm (10W/054)					
		15.6W / 84cm (16W/084)					
		19.5W / 104cm (20W/104)					
		23.4W / 124cm (23W/124)					
		29.2W / 154cm (29W/154)					
		39W / 204cm (39W/204)					
RGB <i>(RGB94)</i> 94LED/m		11.5W / 54cm (12W/054)					
		20.1W / 91.5cm (20W/92)					
		23W / 104cm (23W/104)					
		27.3W / 122.7cm (27W/123)					
		34.5W / 154cm (35W/154)					
		46W / 204cm (46W/204)					
RGB <i>(RGB80)</i> 60LED/m*		7.2W / 54cm (07W/054)					
		11.6W / 84cm (12W/084)					
		14.5W / 104cm (15W/104)					
		17.4W / 124cm (17W/124)					
		21.7W / 154cm (22W/154)					
		29W / 204cm (29W/204)					
RGB <i>(RGB30)</i> 30LED/m*		3.6W / 54cm (04W/054)			12VDC (12)		
		5.7W / 84cm (06W/084)					
		7.2W / 104cm (07W/104)					
		8.6W / 124cm (09W/124)					
		10.8W / 154cm (11W/154)					
		14.4W / 204cm (14W/203)					

* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: SKYTUBE SF-30-80-25W/121-ML-24



IKEBANA Restaurant, Athens, Greece
Lighting Design: A3light
Photo: Gavril Papadakis

生
IKEBANA



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antichias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

ARC

- ARC linear luminaire available for trimless or recessed application.
- L90/810 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0..10V/1..10V/DMXS12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

Interior Linear 

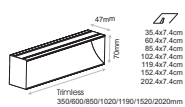
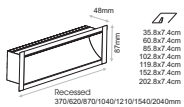


POWERED BY **NICHIA** IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC Recessed (ARC RC)	White (WH)	2000K (20N)	≥ 80 (80)	Milky (ML)	7W / 37cm (07W037)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	12.2W / 62cm (12W062)	
		2700K (27N)		Ruled (RL)	17.5W / 87cm (17W087)	
		3000K (30N)		Transparent (TR)	21W / 104cm (21W104)	
		4000K (40N)			24.5W / 121cm (24W121)	
		5700K (57N)			31.5W / 154cm (31W154)	
ARC Trimless (ARC TR)	White (WH)	2000K (20N)	≥ 80 (80)	Milky (ML)	7W / 35cm (07W035)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	12.2W / 60cm (12W060)	
		2700K (27N)		Ruled (RL)	17.5W / 85cm (17W085)	
		3000K (30N)		Transparent (TR)	21W / 102cm (21W102)	
		4000K (40N)			24.5W / 119cm (24W119)	
		5700K (57N)			31.5W / 152cm (31W152)	



Ordering Code Example:
ARC RC-WH-30N-80-MS-42W204-24



ARC 2

Interior Linear 

- ARC 2 linear luminaire available for trimless or recessed application.
- L90/810 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0..10V/1..10V/DMXS12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

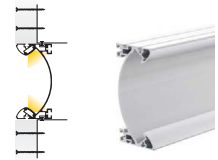
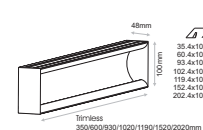
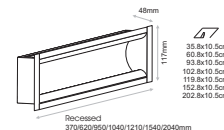


POWERED BY **NICHIA** IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC 2 Recessed (ARC 2 RC)	White (WH)	2000K (20N)	≥ 80 (80)	Milky (ML)	14W / 37cm (14W037)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	24.4W / 62cm (24W062)	
		2700K (27N)		Ruled (RL)	38.5W / 95cm (38W095)	
		3000K (30N)		Transparent (TR)	42W / 104cm (42W104)	
		4000K (40N)			49W / 121cm (49W121)	
		5700K (57N)			63W / 154cm (63W154)	
ARC 2 Trimless (ARC 2 TR)	White (WH)	2000K (20N)	≥ 80 (80)	Milky (ML)	14W / 35cm (14W035)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	24.4W / 60cm (24W060)	
		2700K (27N)		Ruled (RL)	38.5W / 93cm (38W093)	
		3000K (30N)		Transparent (TR)	42W / 102cm (42W102)	
		4000K (40N)			49W / 119cm (49W119)	
		5700K (57N)			63W / 152cm (63W152)	



Ordering Code Example:
ARC 2 TR-WH-30N-80-MS-84W204-24



ARC 3

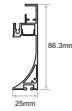
- ARC 3 linear luminaire suitable for trimless application.
- L90/810 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

Interior Linear 



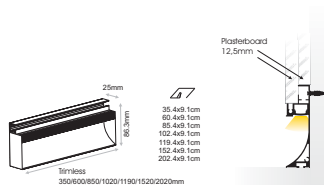
LIGHTSOURCE BY **NICHIA** IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC 3 Trimless <small>(ARC 3 TR)</small>	White (WH)	2000K (20N)	>80 (80)	Milky (ML)	7W / 35cm (07W035)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	12.2W / 60cm (12W060)	
		2700K (27N)		Ruled (RL)	17.5W / 85cm (17W085)	
		3000K (30N)		Transparent (TR)	21W / 102cm (21W102)	
		4000K (40N)			24.5W / 119cm (24W119)	
		5700K (57N)			31.5W / 152cm (31W152)	
				42W / 202cm (42W202)		



Ordering Code Example:

ARC 3 TR-WH-30N-80-MS-42W202-24



Interior Linear 

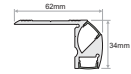
- STAIRDUE linear luminaire with double light emittance for illuminating stairs.
- Special position of LEDs in the upper part ensures a glare free illumination.
- L90/810 50000h
- 3 SDCM
- IP30

Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

IP66 Available upon request

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

STAIR DUE

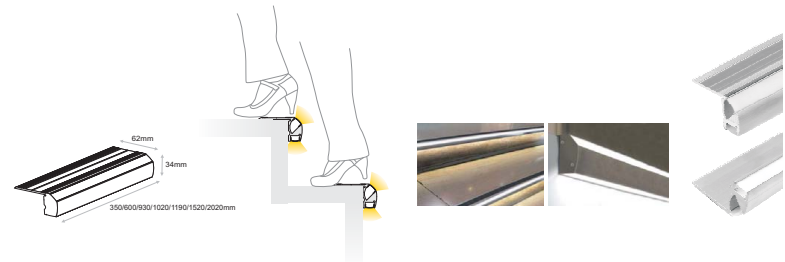


LIGHTSOURCE BY **NICHIA** IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
STAIR DUE <small>(STAIR DUE)</small>	Anodized Black (AB) Anodized Silver (AS)	2000K (20N)	>80 (80)	Milky (ML)	14W / 35cm (14W035)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	24.4W / 60cm (24W060)	
		2700K (27N)		Ruled (RL)	38.5W / 93cm (38W093)	
		3000K (30N)		Transparent (TR)	42W / 102cm (42W102)	
		4000K (40N)			49W / 119cm (49W119)	
		5700K (57N)			63W / 152cm (63W152)	
				84W / 202cm (84W202)		

Ordering Code Example:

STAIR DUE-AB-30N-80-ML-63W152-24

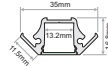


CORNER II



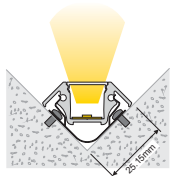
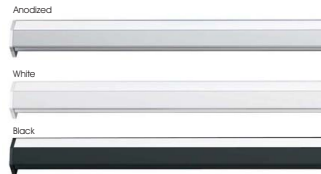
- CORNER II linear luminaire is available with clear, frosted or milky cover.
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- IP40

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX(S12)/PHASE CUT/(R/R)/PUSH BUTTON/Bluetooth



Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours



CORNER II



IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
CORNER II (CORNER II)	Anodized (AN)	2000K (20)	80+ (80)	10.5W / 53cm (11W053)	Clear (CL) Frosted (FR) Milky Satin (MS)	24VDC (24)
	White (WH)	2500K (25)	15.8W / 78cm (16W078)			
	Black (BL)	2700K (27)	21W / 103cm (21W103)			
		3000K (30)	24.5W / 119.7cm (25W120)			
		4000K (40)	31.5W / 153cm (32W153)			
		5700K (57)	42W / 203cm (42W203)			
TUNABLE WHITE						
				Colour Temperature	CRI	Watt* / Length
	Tunable White (TW)	2700K-5700K	80+ (80)	10W / 53cm (10W053)		
				15W / 78cm (15W078)		
				20W / 103cm (20W103)		
				25W / 128cm (25W128)		
				30W / 153cm (30W153)		
				40W / 203cm (40W203)		
RGBWW / RGBCW / RGB						
				Colour	Watt* / Length	
	RGBWW (RGBWW)			13.5W / 53cm (14W053)		
	RGBCW (RGBCW)			23.1W / 88.7cm (23W089)		
	84LED/m			27W / 103cm (27W103)		
				32.8W / 124.4cm (33W124)		
				40.5W / 153cm (41W153)		
				54W / 203cm (54W203)		
	RGBWW (RGBWW)			9.7W / 53cm (10W053)		
	RGBCW (RGBCW)			15.6W / 83cm (16W083)		
	60LED/m**			19.5W / 103cm (20W103)		
				23.4W / 123cm (23W123)		
				29.2W / 153cm (29W153)		
				39W / 203cm (39W203)		
	RGB (RGB94)			11.5W / 53cm (12W053)		
	96LED/m			20.1W / 90.5cm (20W091)		
				23W / 103cm (23W103)		
				27.3W / 121.7cm (27W122)		
				34.5W / 153cm (35W153)		
				46W / 203cm (46W203)		
	RGB (RGB40)			7.2W / 53cm (07W053)		
	60LED/m**			11.6W / 83cm (12W083)		
				14.5W / 103cm (15W103)		
				17.4W / 123cm (17W123)		
				21.7W / 153cm (22W153)		
				29W / 203cm (29W203)		
	RGB (RGB30)			3.6W / 53cm (04W053)		12VDC (12)
				5.7W / 83cm (06W083)		
				7.2W / 103cm (07W103)		
				8.6W / 123cm (09W123)		
				10.8W / 153cm (11W153)		
				14.4W / 203cm (14W203)		

* Available in other colours (and power) upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: CORNER II-BL-30-80-25W120-MS-24

ARTTUBE



- ARTTUBE linear luminaire is available with 15° or 35° degrees.
- L90/810 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX)S12/PHASE CUT/R/R/RF/PUSH BUTTON/Bluetooth



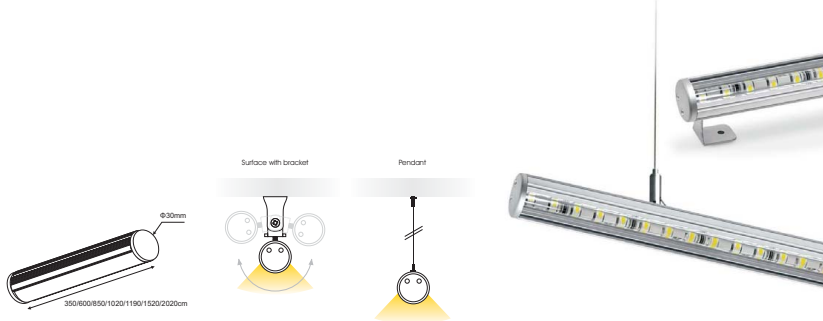
Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARTTUBE Surface <i>(ARTTUBE SF)</i>	Anodized (AN)	2000K (20N)	≥ 80 (80)	15° (15)	7W / 35cm (0.7W/0.35)	24VDC (24)
		2500K (25N)		35° (35)	12.2W / 60cm (1.2W/0.60)	
		2700K (27N)		Milky (ML)	17.5W / 85cm (1.7W/0.85)	
ARTTUBE Pendant <i>(ARTTUBE PL)</i>		3000K (30N)		Transparent (TR)	21W / 102cm (2.1W/1.02)	
		4000K (40N)		24.5W / 119cm (2.4W/1.19)		
		5700K (57N)		31.5W / 152cm (3.1W/1.52)		
				42W / 202cm (4.2W/2.02)		

Ordering Code Example: ARTTUBE-SF-AN-30N-80-ML-2.4W/1.19-24



ARTBAR



- ARTBAR linear luminaire is available with 15° or 35° degrees.
- L90/810 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX)S12/PHASE CUT/R/R/RF/PUSH BUTTON/Bluetooth



Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Beam Angle	Watt / Length	Voltage
ARTBAR <i>(ARTBAR)</i>	Anodized (AN)	2000K (20N)	≥ 80 (80)	15° (15)	7W / 35cm (0.7W/0.35)	24VDC (24)
		2500K (25N)		35° (35)	12.2W / 60cm (1.2W/0.60)	
		2700K (27N)		Milky (ML)	17.5W / 85cm (1.7W/0.85)	
		3000K (30N)		Transparent (TR)	21W / 102cm (2.1W/1.02)	
		4000K (40N)		24.5W / 119cm (2.4W/1.19)		
		5700K (57N)		31.5W / 152cm (3.1W/1.52)		
				42W / 202cm (4.2W/2.02)		

Ordering Code Example: ARTBAR-AN-30N-80-35-2.4W/1.19-24



ELECSYS / ELECSYS QUATRO

Interior Linear 

- Linear LED lighting with transparent or milky cover.
- Monochromatic or RGBin1 (Common Anode).
- L90/B10 50.000h (for monochromatic models)
- IP40

Monochromatic lighting management options:

- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.

RGBin1 lighting management options:

- 4 channels DMX controller with 24VDC PWM output.



Available upon request:

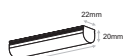
- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour*	Colour Temperature	CRI	Type	Watt* / Length	Voltage
ELECSYS (ELECSYS)	Anodized (AN) White (WH) Black (BL)	2000K (20)	> 80 (80)	Transparent (TR) Milky (ML)	7W / 36.3cm (07W036)	24VDC (24)
		2500K (25)			10.5W / 53cm (11W053)	
	TUNABLE WHITE Tunable White 2700K-5700K (TW)	2700K (27)		17.5W / 86.3cm (18W086)		
		3000K (30)		21W / 103cm (21W103)		
		4000K (40)		24.5W / 119.7cm (25W120)		
		5700K (57)		31.5W / 153cm (32W153)		
		6.7W / 36.3cm (07W036)				
		10W / 53cm (10W053)				
		15W / 78cm (15W078)				
		20W / 103cm (20W103)				
ELECSYS QUATRO (ELECSYS QUATRO)	RGBin1 RGBin1 (RGBW)				7.8W / 31cm (08W031)	
					15.6W / 60cm (16W060)	
					21.4W / 81cm (21W081)	
					33.1W / 124cm (33W124)	
					48.6W / 182cm (49W182)	
					53.5W / 197cm (53W197)	

* Available in other colours or/and power upon request.

Ordering Code Example: ELECSYS-AN-30-80-ML-21W103-24



Monochromatic
383/530/863/1030/1197/1530/2030mm
RGBin1
310/600/810/1240/1820/1970mm

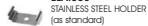
with Stainless Steel Holder



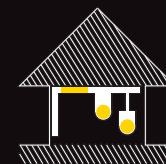
with Bracket



ELA.008
STAINLESS STEEL HOLDER
(as standard)



ACC.048
BRACKET
(as extra)



INTERIOR SYSTEMS

 ELECTRON



Hotel Juliani, St Julians, Malta

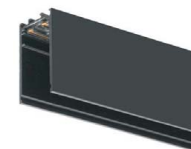


CLICK IT SYSTEM

- Click It is an elegant system ideal for highly demanding aesthetically spaces.
- The system is available in surface, pendant and trimless version.
- Flexibility and easiness in the repositioning of the luminaires with a click.
- It is offered with a vast variety of accessories for limitless design in the final layout.
- Click It Spots include: three sized spots, zoom spot, frame and gobos spots.
- Click It Linear luminaires include: linear spots, linear wash, and four sized linear ambient luminaires.
- Click It Tubes include: two sized tubes rotatable 340degrees ensuring an interesting pattern.
- Click It Decorative luminaires include: two pendant cylindrical fixtures, a sphere spot and a pendant sphere.
- The system is offered in 42V PWM Dimmable or 48V DALI Dimmable.

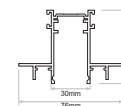
Click It Surface Track

Code	Model	Length	Colour
CLK.013	Click It Surface Track	2m	Black
CLK.014	Click It Surface Track	3m	Black
CLK.016	Click It Surface Track	2m	White
CLK.017	Click It Surface Track	3m	White



Click It Trimless Track

Code	Model	Length	Colour
CLK.001	Click It Trimless Track	2m	Black
CLK.002	Click It Trimless Track	3m	Black
CLK.004	Click It Trimless Track	2m	White
CLK.005	Click It Trimless Track	3m	White



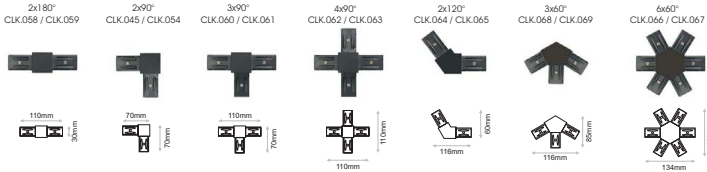
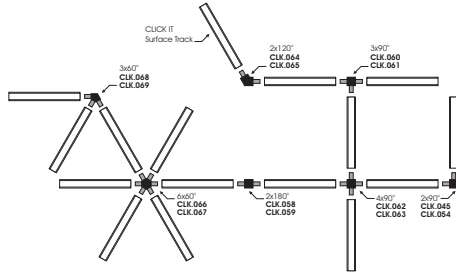
Hotel Juliani, St Julians, Malta

SURFACE CONNECTORS for CLICK IT System



SURFACE

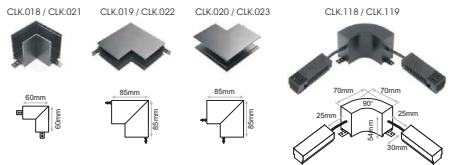
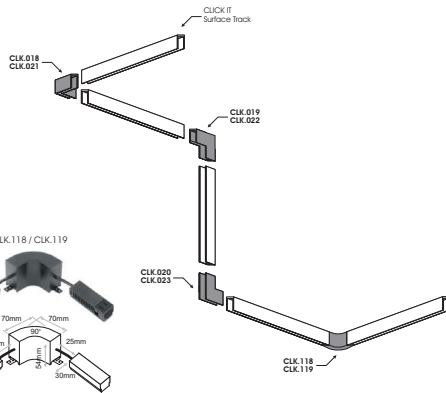
Code	Description	Colour
CLK.058	2x180 Connector Surface	Black
CLK.059	2x180 Connector Surface	White
CLK.045	2x90 Connector Surface	Black
CLK.054	2x90 Connector Surface	White
CLK.060	3x90 Connector Surface	Black
CLK.061	3x90 Connector Surface	White
CLK.062	4x90 Connector Surface	Black
CLK.063	4x90 Connector Surface	White
CLK.064	2x120 Connector Surface	Black
CLK.065	2x120 Connector Surface	White
CLK.068	3x60 Connector Surface	Black
CLK.069	3x60 Connector Surface	White
CLK.066	6x60 Connector Surface	Black
CLK.067	6x60 Connector Surface	White



SURFACE PREFABRICATED CORNERS 90° for CLICK IT System

SURFACE

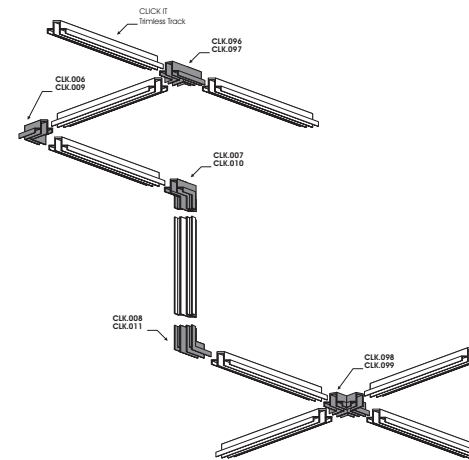
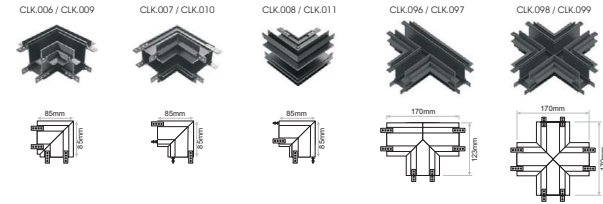
Code	Description	Colour
CLK.018	L CORNER Surface Ceiling to Ceiling	Black
CLK.021	L CORNER Surface Ceiling to Ceiling	White
CLK.019	L CORNER Surface Ceiling to Wall IN	Black
CLK.022	L CORNER Surface Ceiling to Wall IN	White
CLK.020	L CORNER Surface Ceiling to Wall OUT	Black
CLK.023	L CORNER Surface Ceiling to Wall OUT	White
CLK.118	CURVED 90° CORNER for Surface Track	Black
CLK.119	CURVED 90° CORNER for Surface Track	White



TRIMLESS PREFABRICATED CORNERS 90° for CLICK IT System

TRIMLESS

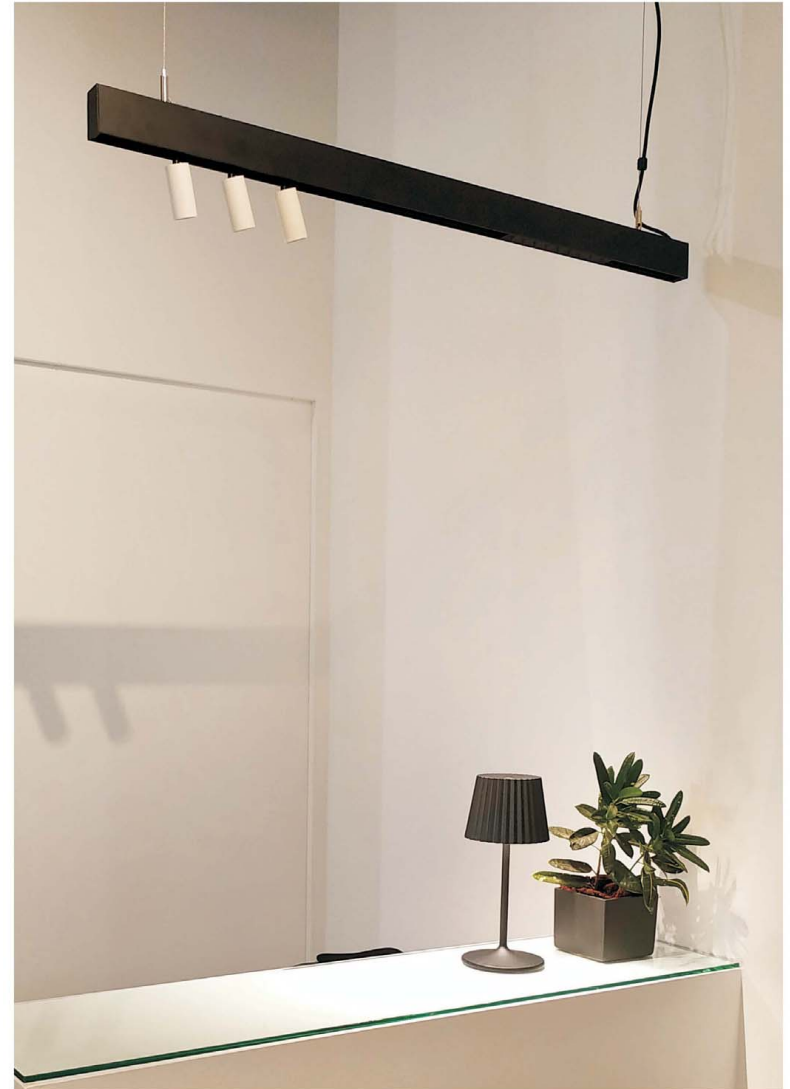
Code	Description	Colour
CLK.006	L CORNER Trimless Ceiling to Ceiling	Black
CLK.009	L CORNER Trimless Ceiling to Ceiling	White
CLK.007	L CORNER Trimless Ceiling to Wall IN	Black
CLK.010	L CORNER Trimless Ceiling to Wall IN	White
CLK.008	L CORNER Trimless Ceiling to Wall OUT	Black
CLK.011	L CORNER Trimless Ceiling to Wall OUT	White
CLK.096	T Connector Trimless	Black
CLK.097	T Connector Trimless	White
CLK.098	+ Connector Trimless	Black
CLK.099	+ Connector Trimless	White



ACCESSORIES for CLICK IT System



Code	Description	Colour
CLK.024	Live End with 1,5m cable	Black
CLK.025	Live End with 1,5m cable	White
CLK.033	Live End with 0,6m cable	Black
CLK.034	Live End with 0,6m cable	White
CLK.035	Live end no cable / straight connector	Black
CLK.036	Live end no cable / straight connector	White
CLK.038	Adjustable Live Connector for track	Black
CLK.039	Adjustable Live Connector for track	White
CLK.026	Driver Box L279mm	Black
CLK.027	Driver Box L279mm	White
CLK.029	Black Cover 2m	Black
CLK.030	Black Cover 3m	Black
CLK.103	White Cover 2m	White
CLK.104	White Cover 3m	White
CLK.121	PMMA Transparent Cover for Indirect Lighting 2m	Transparent
CLK.031	End Cap Trimless & Surface	Black
CLK.032	End Cap Trimless & Surface	White
CLK.037	Extension Line Connector	Black
CLK.105	Extension Line Connector	White
CLK.935	Luminaire Stop for Vertical Installation	Black
CLK.936	Luminaire Stop for Vertical Installation	White
PRH.082	Canopy Surface BLACK	Black
PRH.039	Canopy Surface WHITE	White
PRH.083	Canopy Recessed BLACK	Black
PRH.040	Canopy Recessed WHITE	White
PRH.084	Canopy Trimless BLACK	Black
PRH.041	Canopy Trimless WHITE	White
ACC.291	Ceiling Suspension Installation 1,5m	
ACC.292	Ceiling Suspension Installation 3m	



CLICK IT SPOT 22W

Interior Systems 

- L90/B10 50.000h
- 3 SDCM

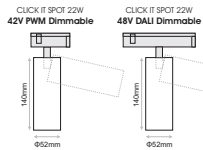
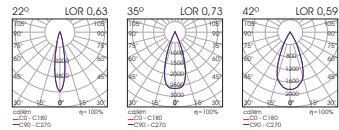


CREE
LEDs

Model (LED Power)	CCT	LED Source	Type	CRI*	Beam Angle	Colour	Dimming Option	Accessories
CLICK IT SPOT 22.3W <i>(CLICK IT S22)</i>	2700K (27C)	2465lm	Adjustable <i>(AD)</i>	80 (80)	22° (22)	White (WH)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)	Standard (0/1) Honeycomb (1/1) Line spread lens (2/1) Softening lens (3/1) ↑ EXTRAS No Extras (1/0) Snoot Black (1/1) Half Snoot Black (1/2) Frosted Cover (1/3)
	3000K (30C)	2651lm			35° (35)	Black (BL)		
	4000K (40C)	2837lm			42° (42)			
	5000K (50C)	2651lm						

* Available also in CR90 upon request.

Ordering Code Example: *CLICK IT S22-30C-AD-80-35-WH-DL-00*



Interior Systems 

- L90/B10 50.000h
- 3 SDCM

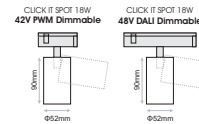
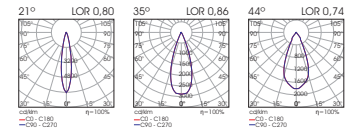


CREE
LEDs

Model (LED Power)	CCT	LED Source	Type	CRI*	Beam Angle	Colour	Dimming Option	Accessories
CLICK IT SPOT 17.6W <i>(CLICK IT S18)</i>	2700K (27C)	1518lm	Adjustable <i>(AD)</i>	80 (80)	21° (21)	White (WH)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)	Standard (0/1) Honeycomb (1/1) Line spread lens (2/1) Softening lens (3/1) ↑ EXTRAS No Extras (1/0) Snoot Black (1/1) Half Snoot Black (1/2) Frosted Cover (1/3)
	3000K (30C)	1634lm			35° (35)	Black (BL)		
	4000K (40C)	1634lm			44° (44)			
	5000K (50C)	1750lm						

* Available also in CR90 upon request.

Ordering Code Example: *CLICK IT S18-30C-AD-80-35-WH-DL-00*



CLICK IT SPOT 7W

- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	CCT	LED Source	Type	CRI*	Beam Angle	Colour	Dimming Option
CLICK IT SPOT 7W <i>(CLICK IT S7)</i>	2700K (27C)	CR80	Adjustable (AD)	80 (80)	27° (27)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	636lm			32° (32)	Black (BL)	48V DALI Dimmable (DL)
	4000K (40C)	682lm			46° (46)		
	5000K (50C)	736lm					

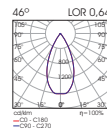
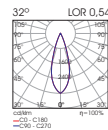
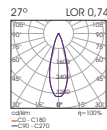
* Available also in CR190 upon request.

Ordering Code Example: *CLICK IT S7-30C-AD-80-32-WH-DL*

CLICK IT SPOT 7W
42V PWM Dimmable



CLICK IT SPOT 7W
48V DALI Dimmable



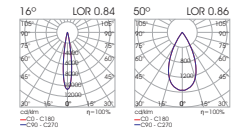
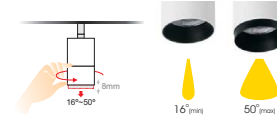
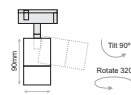
CLICK IT ZOOM SPOT 12W

- L90/B10 50.000h
- 3 SDCM



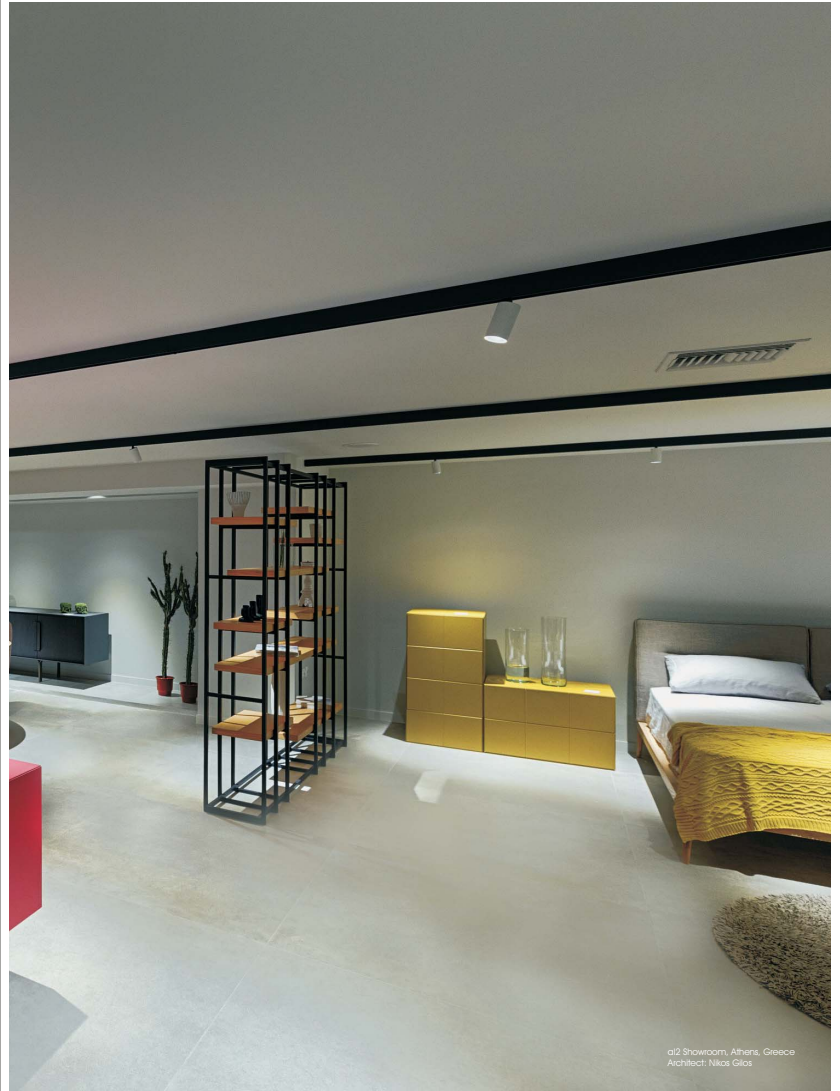
Model (LED Power)	CCT	CR80 LED Source	CR190 LED Source	Beam Angle	Type	Colour	Dimming Option
CLICK IT ZOOM SPOT 12W <i>(CLICK IT ZS12)</i>	2700K (27C) 3000K (30C) 4000K (40C)	80 (80)	90 (90)	Adjustable (1650) 16°(min)-50°(max)	Adjustable (AD)	White (WH)	42V PWM Dimmable (DM)
		1194m	922m			Black (BL)	48V DALI Dimmable (DL)
		1257m	1055m				
		1307m	1106m				

Ordering Code Example: *CLICK IT ZS12-30C-80-1650-AD-WH-DL*





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



g12 Showroom, Athens, Greece
Architect: Nikos Glos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

CLICK IT FRAME SPOT 13W

Interior Systems 

- L90/B10 50.000h
- 3 SDCM



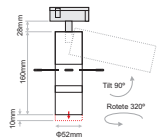
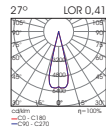
Frame Spot

CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CR*	Beam Angle	Colour	Dimming Option
C080							
CLICK IT FRAME SPOT 12.8W <small>(CLICK IT FR S13)</small>	2700K (27C)	1102lm	Adjustable (AD)	80 (80)	27° max (27)	White (WH) Black (BL)	42V PWM Dimmable (DM)
	3000K (30C)	1148lm					48V DALI Dimmable (DL)
	4000K (40C)	1211lm					
	5000K (50C)	1226lm					

* Available also in CR90 upon request.

Ordering Code Example: **CLICK IT FR S13-30C-AD-80-27-WH-DL**



Interior Systems 

CLICK IT GOBO SPOT 13W

- L90/B10 50.000h
- 3 SDCM



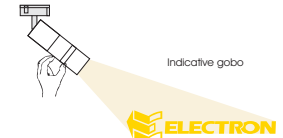
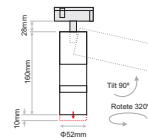
Gobo Spot

CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CR*	Colour	Dimming Option
C080						
CLICK IT GOBO SPOT 12.8W <small>(CLICK IT GB S13)</small>	2700K (27C)	1102lm	Adjustable (AD)	80 (80)	White (WH) Black (BL)	42V PWM Dimmable (DM)
	3000K (30C)	1148lm				48V DALI Dimmable (DL)
	4000K (40C)	1211lm				
	5000K (50C)	1226lm				

* Available also in CR90 upon request.

Ordering Code Example: **CLICK IT GB S13-30C-AD-80-WH-DL**



CLICK IT LINEAR SPOT 15W

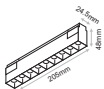
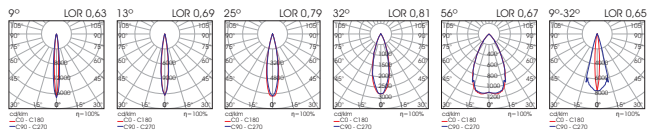


- L90/810 50.000h
- 3 SDCM



Model (LED Power)	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Colour	Dimming Option
CLICK IT LINEAR SPOT 14.9W <i>(CLICK IT LS15)</i>	2700K (27C)	1332lm	1098lm	9° (VN)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	1404lm	1170lm	13° (NR)	Black (BL)	48V DALI Dimmable (DL)
	4000K (40C)	1476lm	1332lm	25° (MD)		
	5000K (50C)	1476lm	1332lm	32° (MD)		
				56° (VW)		
				9°-32° (AS)	Asymmetric	

Ordering Code Example: *CLICK IT LS15-30C-80-MD-BL-DL*



CLICK IT LINEAR WASH 14W

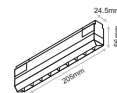
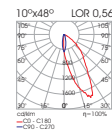


- L90/810 50.000h
- 3 SDCM



Model (LED Power)	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Colour	Dimming Option
CLICK IT LINEAR WASH 14W <i>(CLICK IT LW14)</i>	2700K (27C)	1250lm	1026lm	10°x48° (1048)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	1332lm	1098lm		Black (BL)	48V DALI Dimmable (DL)
	4000K (40C)	1404lm	1250lm			
	5000K (50C)	1404lm	1250lm			

Ordering Code Example: *CLICK IT LW14-30C-80-1048-BL-DM*



CLICK IT AMBIENT 35W



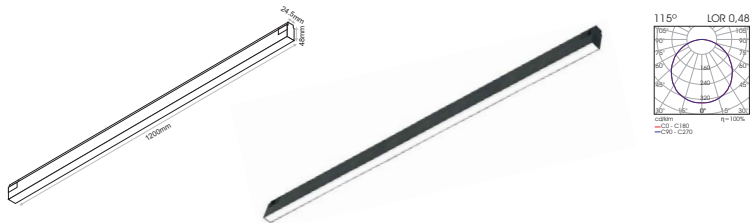
- L90/B10 50,000h
- 3 SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
CR80							
CLICK IT AMBIENT 34.6W <small>(CLICK IT A35)</small>	2700K (27B)	5525lm	Fixed (FX)	80 (80)	115° (115)	White (WH)	42V PWM Dimmable (DM)
	3000K (30B)	5860lm				Black (BL)	48V DALI Dimmable (DL)
	4000K (40B)	6165lm					
	5000K (50B)	6165lm					

* Available also in CR190 upon request.

Ordering Code Example: CLICK IT A35-30B-FX-80-115-WH-DL



CLICK IT AMBIENT 25W

- L90/B10 50,000h
- 3 SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
CR80							
CLICK IT AMBIENT 24.8W <small>(CLICK IT A25)</small>	2700K (27B)	3950lm	Fixed (FX)	80 (80)	115° (115)	White (WH)	42V PWM Dimmable (DM)
	3000K (30B)	4200lm				Black (BL)	48V DALI Dimmable (DL)
	4000K (40B)	4440lm					
	5000K (50B)	4440lm					

* Available also in CR190 upon request.

Ordering Code Example: CLICK IT A25-30B-FX-80-115-WH-DL



CLICK IT AMBIENT 12W



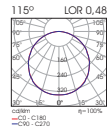
- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT AMBIENT 12.4W <i>(CLICK IT A12)</i>	2700K (27B)	1980lm	Fixed (FX)	80 (80)	115° (115)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (30B)	2100lm					
	4000K (40B)	2220lm					
	5000K (50B)	2220lm					

* Available also in CR90 upon request.

Ordering Code Example: *CLICK IT A12-30B-FX-80-115-WH-DL*



CLICK IT AMBIENT 9W

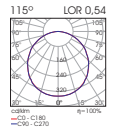
- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT AMBIENT 9.2W <i>(CLICK IT A9)</i>	2700K (27B)	990lm	Fixed (FX)	80 (80)	115° (115)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (30B)	1050lm					
	4000K (40B)	1110lm					
	5000K (50B)	1110lm					

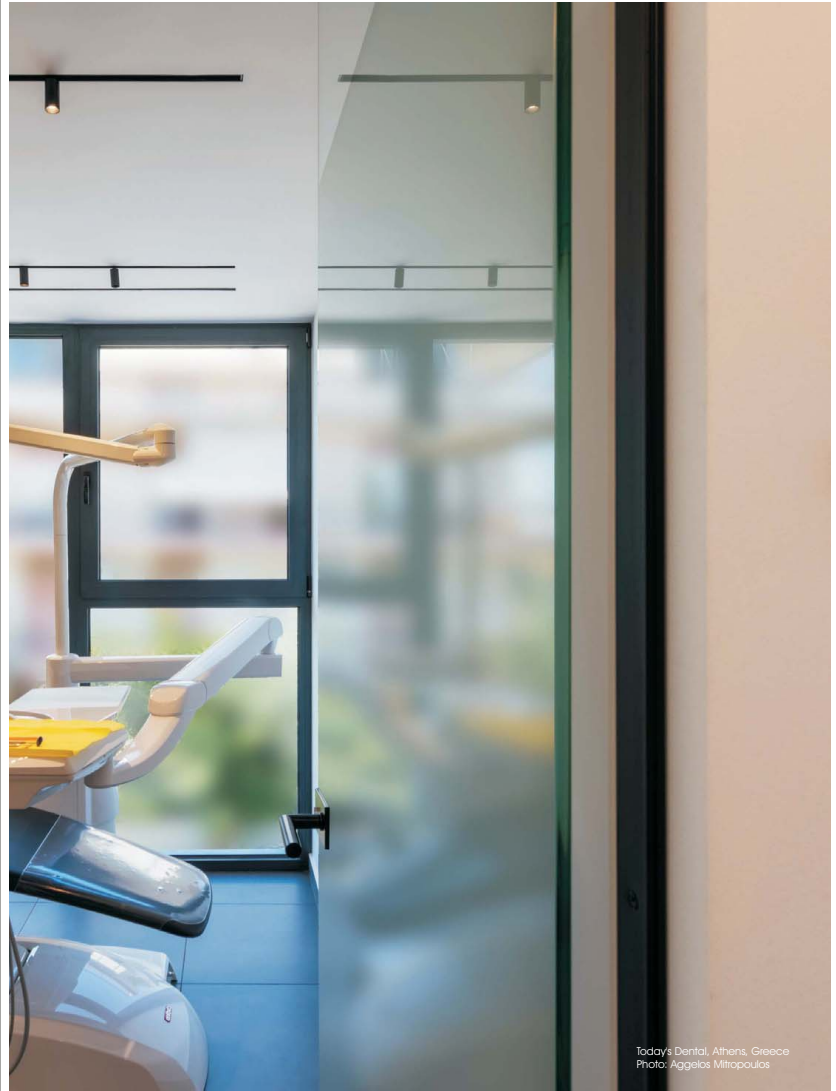
* Available also in CR90 upon request.

Ordering Code Example: *CLICK IT A9-30B-FX-80-115-WH-DL*





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Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

CLICK IT TUBE 30W

Interior Systems 

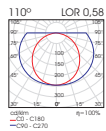
- L90/B10 50.000h
- 3 SDCM



LIGHTSOURCE BY
bridgelux.

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
C990							
CLICK IT TUBE 30.1W <small>(CLICK IT T30)</small>	2700K (27B)	3189lm	Adjustable (AD)	90 (90)	110° (110)	1200mm (1200)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (30B)	3420lm					
	4000K (40B)	3690lm					
	5000K (50B)	3690lm					

Ordering Code Example: **CLICK IT T30-30B-AD-90-110-1200-DL**



Interior Systems 

CLICK IT TUBE 23W

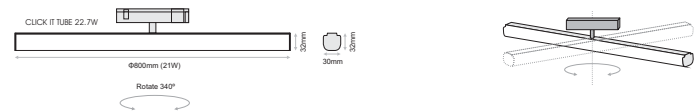
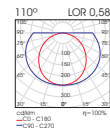
- L90/B10 50.000h
- 3 SDCM



LIGHTSOURCE BY
bridgelux.

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
C990							
CLICK IT TUBE 22.7W <small>(CLICK IT T23)</small>	2700K (27B)	1843lm	Adjustable (AD)	90 (90)	110° (110)	800mm (800)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (30B)	1976lm					
	4000K (40B)	2132lm					
	5000K (50B)	2132lm					

Ordering Code Example: **CLICK IT T23-30B-AD-90-110-800-DL**



CLICK IT PENDANT 21W

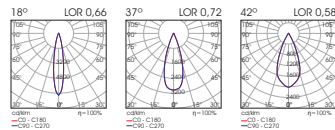


- L90/B10 50.000h
- 3 SDCM



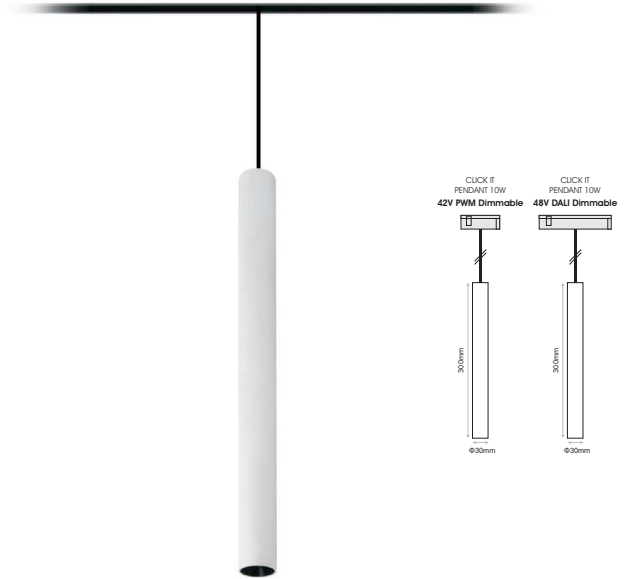
Model (LED Power)	CCT	CR80* LED Source	Beam Angle	Colour	Dimming Option	Accessories
		80 (80)				
CLICK IT PENDANT 20.6W (CLICK IT PD21)	2700K (27C)	2147lm	18° (18)	White (WH)	42V PWM Dimmable (DM)	Standard (0/1)
	3000K (30C)	2309lm	37° (37)	Black (BL)	48V DALI Dimmable (DL)	Honeycomb (1/1)
	4000K (40C)	2379lm	42° (42)			Line spread lens (2/1)
	5000K (50C)	2309lm				Softening lens (3/1)

* Available also in CR190 upon request.
Ordering Code Example: CLICK IT PD21-30C-80-37-WH-DL-00



CLICK IT PENDANT 10W

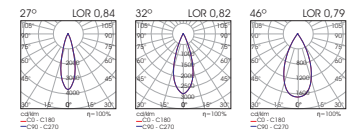
- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	CCT	CR80* LED Source	Beam Angle	Colour	Dimming Option
		80 (80)			
CLICK IT PENDANT 10W (CLICK IT PD10)	2700K (27C)	767lm	27° (27)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	823lm	32° (32)	Black (BL)	48V DALI Dimmable (DL)
	4000K (40C)	888lm	46° (46)		
	5000K (50C)	888lm			

* Available also in CR190 upon request.

Ordering Code Example: CLICK IT PD10-30C-80-32-WH-DL



CLICK IT SPHERE SPOT 5W

Interior Systems 

- L90/810 50.000h
- 3.SDCM

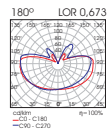


lightsources by
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Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
CR80							
CLICK IT SPHERE SPOT 4.5W <small>(CLICK IT SPH SP5)</small>	2700K (278)	348lm	Fixed (FX)	80 (80)	180° (180)	Black (BL)	42V PWM Dimmable (DM)
	3000K (308)	374lm					48V DALI Dimmable (DL)

* Available also in 4000K & 5000K upon request.

Ordering Code Example: *CLICK IT SPH SP5-308-FX-80-180-BL-DL*



Interior Systems 

CLICK IT SPHERE PENDANT 5W

- L90/810 50.000h
- 3.SDCM

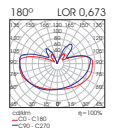
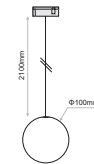


lightsources by
bridgelux

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
CR80							
CLICK IT SPHERE PENDANT 4.5W <small>(CLICK IT SPH PDS)</small>	2700K (278)	348lm	Fixed (FX)	80 (80)	180° (180)	Black (BL)	42V PWM Dimmable (DM)
	3000K (308)	374lm					48V DALI Dimmable (DL)

* Available also in 4000K & 5000K upon request.

Ordering Code Example: *CLICK IT SPH PDS-308-FX-80-180-BL-DL*



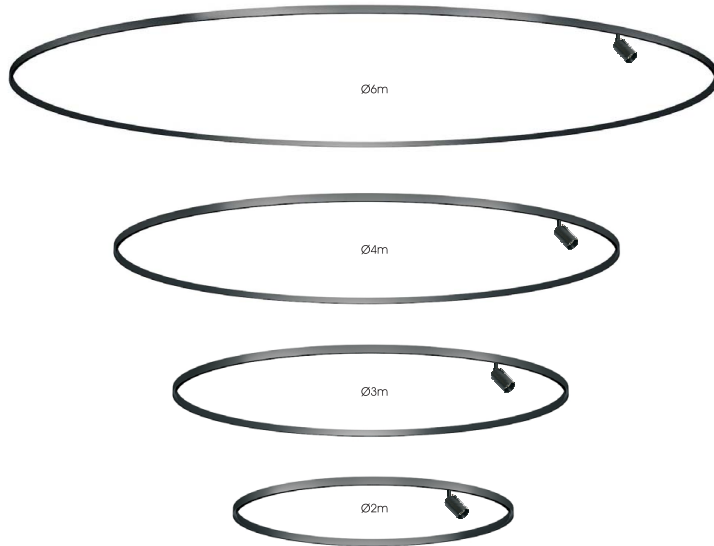
CLICK IT ROUND



- CLICK IT ROUND is an elegant slim system ideal for highly demanding architectural spaces.
- It is available in surface or pendant .
- 48V PWM Dimmable.
- Track max amperage 16A.

Click It Round Surface / Pendant Track

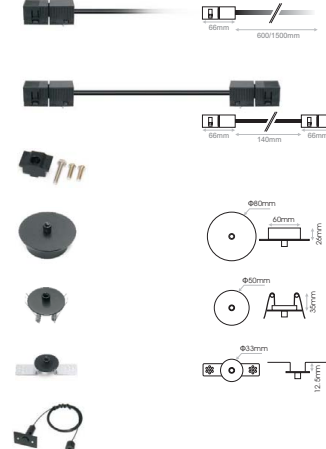
Code	Model	Diameter	Colour
CLK.159	Click It Round Surface Track	Ø2m	Black
CLK.160	Click It Round Surface Track	Ø3m	Black
CLK.161	Click It Round Surface Track	Ø4m	Black
CLK.162	Click It Round Surface Track	Ø6m	Black
CLK.155	Click It Round Surface Track	Ø2m	White
CLK.156	Click It Round Surface Track	Ø3m	White
CLK.157	Click It Round Surface Track	Ø4m	White
CLK.158	Click It Round Surface Track	Ø6m	White



ACCESSORIES

for CLICK IT Round System

Code	Description	Colour
CLK.177	Live End with 1,5m cable	Black
CLK.178	Live End with 1,5m cable	White
CLK.179	Live End with 0,6m cable	Black
CLK.180	Live End with 0,6m cable	White
CLK.181	Adjustable Live Connector for track	Black
CLK.182	Adjustable Live Connector for track	White
CLK.183	Connector / surface mounted accessory	Black
CLK.184	Connector / surface mounted accessory	White
PRH.082	Canopy Surface BLACK	Black
PRH.039	Canopy Surface WHITE	White
PRH.083	Canopy Recessed BLACK	Black
PRH.040	Canopy Recessed WHITE	White
PRH.084	Canopy Trimless BLACK	Black
PRH.041	Canopy Trimless WHITE	White
ACC.185	Ceiling Suspension Installation 1.5m	Black
ACC.186	Ceiling Suspension Installation 1.5m	White



CLICK IT CURVED SPOT 14W & 7W

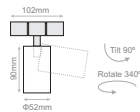
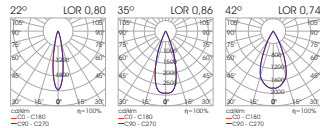
- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	CCT	CR190* LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
80 (80)							
CLICK IT CURVED SPOT 13.5W <i>(CLICK IT CS14)</i>	2700K (27C)	1670lm	22° (22)	Adjustable (AD)	White (WH)	48V PWM Dimmable (DM)	Standard (0)
	3000K (30C)	1670lm	35° (35)		Black (BL)		Honeycomb (1)
	4000K (40C)	1796lm	42° (42)		Line spread lens (2)		
	5000K (50C)	1796lm	Softening lens (3)				
↓ (XXX) ↑							
EXTRAS							
No Extras (/-0)							
Snoot Black (/-1)							
Half Snoot Black (/-2)							
Frosted Cover (/-3)							

* Available also in CR190 upon request.

Ordering Code Example: *CLICK IT CS14-30C-80-42-AD-BL-DM-00*



Honeycomb (for Φ52)

Line spread lens (for Φ52)

Softening lens (for Φ52)

Snoot (for Φ52)

Half Snoot (for Φ52)

Frosted Cover (for Φ52)

also available in white colour



CLICK IT CURVED SPOT 4W

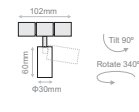
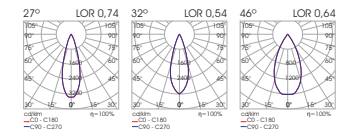
- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	CCT	CR190* LED Source	Beam Angle	Type	Colour	Dimming Option
80 (80)						
CLICK IT CURVED SPOT 4.3W <i>(CLICK IT CS4)</i>	2700K (27C)	427lm	27° (27)	Adjustable (AD)	White (WH) Black (BL)	48V PWM Dimmable (DM)
	3000K (30C)	427lm	32° (32)			
	4000K (40C)	461lm	46° (46)			
	5000K (50C)	461lm				

* Available also in CR190 upon request.

Ordering Code Example: *CLICK IT CS4-30C-80-46-AD-BL-DM*





- Nano is a new miniaturized system suitable for highly demanding spaces.
- The system is suitable for surface, pendant and trimless application.
- Flexibility and easiness in the repositioning of the luminaires.
- It is offered with a variety of accessories.
- Nano system includes: Nano spots, Nano linear ambient luminaires.
- The system is offered 48V Dali Dimmable.

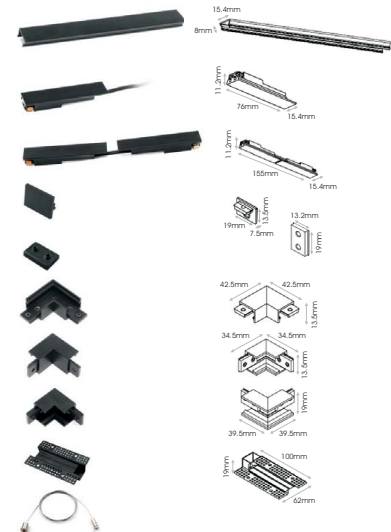
NANO Surface Track

Code	Model	Length	Colour
NAN.001	NANO Surface Track	2m	Black
NAN.002	NANO Surface Track	3m	Black
NAN.003	NANO Surface Track	2m	White
NAN.004	NANO Surface Track	3m	White



ACCESSORIES for NANO System

Code	Description	Colour
NAN.005	Black Cover 2m	Black
NAN.006	Black Cover 3m	Black
NAN.007	White Cover 2m	White
NAN.008	White Cover 3m	White
NAN.009	Live End with 0.6m cable	Black
NAN.010	Live End with 0.6m cable	White
NAN.011	Adjustable Live Connector for track	Black
NAN.012	Adjustable Live Connector for track	White
NAN.013	End Cap	Black
NAN.014	End Cap	White
NAN.015	Extension Line Connector	Black
NAN.016	Extension Line Connector	White
NAN.017	L CORNER Surface Ceiling to Ceiling	Black
NAN.018	L CORNER Surface Ceiling to Ceiling	White
NAN.019	L CORNER Surface Ceiling to Wall OUT	Black
NAN.020	L CORNER Surface Ceiling to Wall OUT	White
NAN.021	L CORNER Surface Ceiling to Wall IN	Black
NAN.022	L CORNER Surface Ceiling to Wall IN	White
NAN.023	Accessory for Trimless Installation	Black
NAN.024	Accessory for Trimless Installation	White
ACC.086	Ceiling Suspension Installation 1,5m	
ACC.233	Ceiling Suspension Installation 3m	



NANO SPOT 4W & 6W

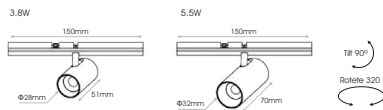


- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	Watt	CCT	CR80 LED Source	CR190 LED Source	Beam Angle	Type	Colour	Dimming Option
NANO SPOT <i>(NANO SP)</i>	3.8W (04)	2700K (27C)	460lm	370lm	28° (28)	Adjustable (AD)	White (WH) Black (BK)	48V PWM Dimmable (DM)
		3000K (30C)	460lm	400lm	38° (38)			
		4000K (40C)	500lm	430lm	50° (50)			
		5000K (50C)	500lm	460lm				
		2700K (27C)	670lm	540lm	27° (27)			
		3000K (30C)	670lm	575lm	32° (32)			
	5.5W (06)	4000K (40C)	720lm	625lm	41° (41)			
		5000K (50C)	720lm	670lm				

Ordering Code Example:
NANO SP-04-30C-90-38-AD-WH-DM



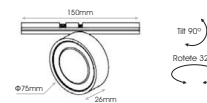
NANO SPOT RD 7W

- L90/B10 50.000h
- 3 SDCM



Model (LED Power)	Watt	CCT	CR80 LED Source	CR190 LED Source	Beam Angle	Type	Colour	Dimming Option
NANO SPOT ROUND <i>(NANO SP RD)</i>	6.7W (07)	2700K (27C)	820lm	660lm	13° (13)	Adjustable (AD)	White (WH) Black (BK)	48V PWM Dimmable (DM)
		3000K (30C)	820lm	705lm	20° (20)			
		4000K (40C)	885lm	760lm	35° (35)			
		5000K (50C)	885lm	820lm	48° (48)			
		2700K (27C)	660lm	540lm	60° (60)			
		3000K (30C)	660lm	575lm				
	5.5W (06)	4000K (40C)	720lm	625lm	41° (41)			
		5000K (50C)	720lm	670lm				

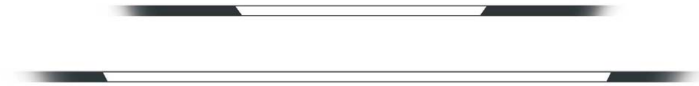
Ordering Code Example:
NANO SP RD-07-30C-90-48-AD-BL-DM



NANO AMBIENT 7W & 13W



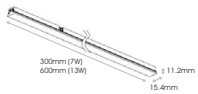
- L90/B10 50,000h
- 3 SDCM



LIGHTSOURCE BY
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Model (LED Power)	Watt	CCT	CR190 LED Source	Beam Angle	Type	Colour	Dimming Option
90° (90)							
NANO AMBIENT (NANO A)	6.7W (07)	2700K (27C)	615lm	115° (115)	Fixed (FX)	White (WH) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	620lm				
		4000K (40C)	630lm				
	5000K (50C)	630lm					
	13.4W (13)	2700K (27C)	1030lm				
		3000K (30C)	1040lm				
4000K (40C)		1060lm					
5000K (50C)	1060lm						

Ordering Code Example:
NANO A-13-30C-90-115-FX-BL-DM



NANO LINEAR SPOT 5W & 10W

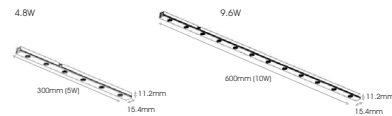
- L90/B10 50,000h
- 3 SDCM



LIGHTSOURCE BY
bridgelux.

Model (LED Power)	Watt	CCT	CR190 LED Source	Beam Angle	Type	Colour	Dimming Option
90° (90)							
NANO LINEAR SPOT (NANO LS)	4.8W (05)	2700K (27C)	460lm	33° (33)	Fixed (FX)	White (WH) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	460lm				
		4000K (40C)	470lm				
	5000K (50C)	480lm					
	9.6W (10)	2700K (27C)	920lm				
		3000K (30C)	920lm				
4000K (40C)		960lm					
5000K (50C)	970lm						

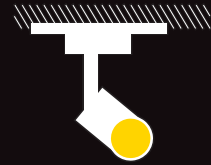
Ordering Code Example:
NANO LS-10-30C-90-33-FX-BL-DM





Hotel Juliana, St. Julians, Malta

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



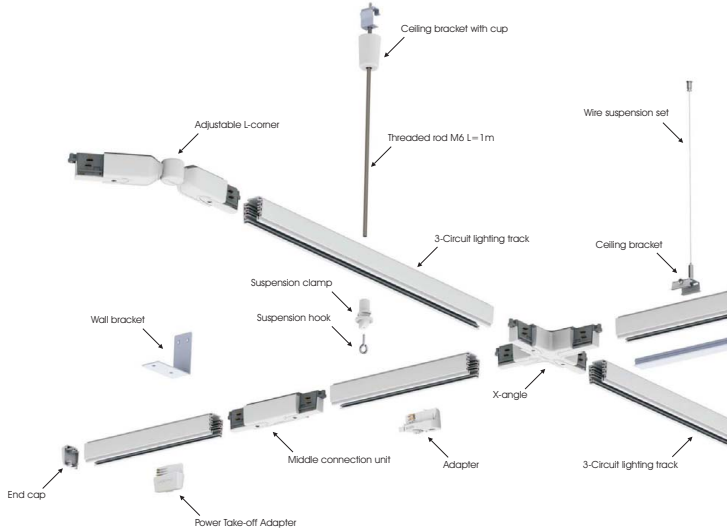
INTERIOR SPOTLIGHTS



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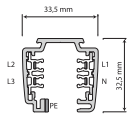
TRACK SYSTEM

- 3-circuit track system available in white, black and grey colour.
- Available in 3 different lengths.
- Available for surface or recessed installation.
- Available accessories in white, black and grey colour.

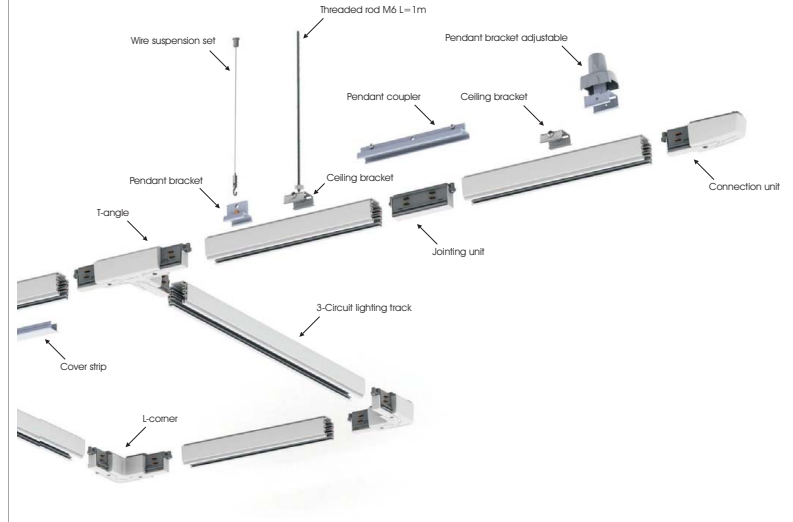


3-Circuit lighting track, Surface

Code	Model	Length	Colour
TRA.001	3-Circuit lighting track, Surface	2m	White
TRA.002	3-Circuit lighting track, Surface	3m	White
TRA.003	3-Circuit lighting track, Surface	4m	White
TRA.004	3-Circuit lighting track, Surface	2m	Grey
TRA.005	3-Circuit lighting track, Surface	3m	Grey
TRA.006	3-Circuit lighting track, Surface	4m	Grey
TRA.007	3-Circuit lighting track, Surface	2m	Black
TRA.008	3-Circuit lighting track, Surface	3m	Black
TRA.009	3-Circuit lighting track, Surface	4m	Black

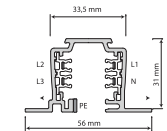


TRACK SYSTEM



3-Circuit lighting track, Recessed

Code	Model	Length	Colour
TRA.010	3-Circuit lighting track, Recessed	2m	White
TRA.011	3-Circuit lighting track, Recessed	3m	White
TRA.012	3-Circuit lighting track, Recessed	4m	White
TRA.013	3-Circuit lighting track, Recessed	2m	Grey
TRA.014	3-Circuit lighting track, Recessed	3m	Grey
TRA.015	3-Circuit lighting track, Recessed	4m	Grey
TRA.016	3-Circuit lighting track, Recessed	2m	Black
TRA.017	3-Circuit lighting track, Recessed	3m	Black
TRA.018	3-Circuit lighting track, Recessed	4m	Black



TRACK SYSTEM ACCESSORIES

Accessories



Code	Description	Colour
<i>Power supply (end feed)</i>		
TRA.031	Connection unit A	White
TRA.032	Connection unit B	White
TRA.033	Connection unit A	Grey
TRA.034	Connection unit B	Grey
TRA.035	Connection unit A	Black
TRA.036	Connection unit B	Black
<i>Middle connection (middle feed)</i>		
TRA.037	Middle connection unit	White
TRA.038	Middle connection unit	Grey
TRA.039	Middle connection unit	Black
<i>Jointing (multicolour)</i>		
TRA.040	Jointing unit	White
TRA.041	Jointing unit	Grey
TRA.042	Jointing unit	Black
<i>90° corner (feed)</i>		
TRA.043	L-corner	White
TRA.044	L-corner	Grey
TRA.045	L-corner	Black
<i>Adjustable corner</i>		
TRA.046	Adjustable L-corner	White
TRA.047	Adjustable L-corner	Grey
TRA.048	Adjustable L-corner	Black
<i>T-connector (feed)</i>		
TRA.049	T-angle A	White
TRA.050	T-angle B	White
TRA.051	T-angle C	White
TRA.052	T-angle D	White
TRA.053	T-angle A	Grey
TRA.054	T-angle B	Grey
TRA.055	T-angle C	Grey
TRA.056	T-angle D	Grey
TRA.057	T-angle A	Black
TRA.058	T-angle B	Black
TRA.059	T-angle C	Black
TRA.060	T-angle D	Black
<i>X-connector (feed)</i>		
TRA.061	X-angle	White
TRA.062	X-angle	Grey
TRA.063	X-angle	Black
<i>3 Phase Adapter</i>		
TRA.097	3 Phase Adapter	White
TRA.098	3 Phase Adapter	Black
TRA.099	3 Phase Adapter	Grey
<i>End cap</i>		
TRA.064	End cap	White
TRA.065	End cap	Grey
TRA.066	End cap	Black
<i>Cover plate</i>		
TRA.067	Cover plate	White
TRA.068	Cover plate	Grey
TRA.069	Cover plate	Black
<i>Ceiling adapter</i>		
TRA.118	Ceiling adapter	Black
TRA.119	Ceiling adapter	White

Interior Spotlights 

Interior Spotlights 



Code	Description	Colour
<i>Track suspension parts</i>		
TRA.070	Ceiling bracket	White
TRA.071	Ceiling bracket	Grey
TRA.072	Ceiling bracket	Black
TRA.073	Wire suspension set 1,5 m adjustable	
TRA.074	Wire suspension set 4 m adjustable	
TRA.117	Wire suspension set 4 m adjustable	Black
TRA.075	Threaded rod M6 L=1m	
TRA.076	Extension nut for threaded rod M6	
TRA.077	Tube for rod, white	
TRA.078	Nut for threaded rod M6	
TRA.079	Pendant bracket adjustable	White
TRA.080	Pendant bracket adjustable	Grey
TRA.081	Pendant bracket adjustable	Black
TRA.082	Pendant bracket	White
TRA.083	Pendant bracket	Grey
TRA.084	Pendant bracket	Black
TRA.085	Pendant coupler	White
TRA.086	Pendant coupler	Grey
TRA.087	Pendant coupler	Black
TRA.088	Ceiling bracket with cup	White
TRA.089	Ceiling bracket with cup	Black
TRA.090	Wall bracket	White
TRA.091	Wall bracket	Black
TRA.092	Suspension clamp	White
TRA.093	Suspension clamp	Black
TRA.094	Suspension hook	
TRA.095	Cover strip L=2m	White
TRA.096	Cover strip L=2m	Black
TRA.100	Locker	White
TRA.101	Locker	Black
TRA.102	Locker	Grey
TRA.103	AL-Nipple M10 Rotating, Thread 8mm	
TRA.104	AL-Nipple M10 Rotating, Thread 8mm	
TRA.105	Installation tool	
TRA.106	Cable clamp	
TRA.107	Counter Nut	
TRA.108	Power Take-off Adapter	White
TRA.109	Power Take-off Adapter	Black
TRA.110	Power Take-off Adapter	Grey
TRA.111	Adapter with logo	White
TRA.112	Adapter with logo	Black
TRA.113	Adapter with logo	Grey

TRACK SYSTEM

3-CIRCUIT / 3-CIRCUIT DALI Track System

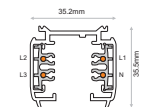


- 3-Circuit Track System & 3-Circuit DALI Track System.
- Available for surface mounted or recessed application, the same accessories may be used.
- Available in White, Grey or Black colour.
- Variety of accessories offer solutions for any architectural spaces.



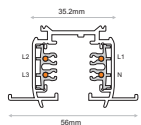
3-Circuit Surface Track

Code	Model	Length	Colour
TRA_500	3-Circuit Surface track	1m	White
TRA_503	3-Circuit Surface track	2m	White
TRA_506	3-Circuit Surface track	3m	White
TRA_501	3-Circuit Surface track	1m	Grey
TRA_504	3-Circuit Surface track	2m	Grey
TRA_507	3-Circuit Surface track	3m	Grey
TRA_502	3-Circuit Surface track	1m	Black
TRA_505	3-Circuit Surface track	2m	Black
TRA_508	3-Circuit Surface track	3m	Black



3-Circuit Recessed Track

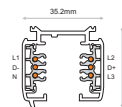
Code	Model	Length	Colour
TRA_509	3-Circuit Recessed track	1m	White
TRA_512	3-Circuit Recessed track	2m	White
TRA_515	3-Circuit Recessed track	3m	White
TRA_510	3-Circuit Recessed track	1m	Grey
TRA_513	3-Circuit Recessed track	2m	Grey
TRA_516	3-Circuit Recessed track	3m	Grey
TRA_511	3-Circuit Recessed track	1m	Black
TRA_514	3-Circuit Recessed track	2m	Black
TRA_517	3-Circuit Recessed track	3m	Black



3-CIRCUIT / 3-CIRCUIT DALI Track System

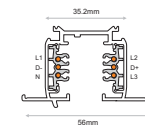
3-Circuit DALI Surface Track

Code	Model	Length	Colour
TRA_590	3-Circuit DALI Surface track	1m	White
TRA_593	3-Circuit DALI Surface track	2m	White
TRA_596	3-Circuit DALI Surface track	3m	White
TRA_591	3-Circuit DALI Surface track	1m	Grey
TRA_594	3-Circuit DALI Surface track	2m	Grey
TRA_597	3-Circuit DALI Surface track	3m	Grey
TRA_592	3-Circuit DALI Surface track	1m	Black
TRA_595	3-Circuit DALI Surface track	2m	Black
TRA_598	3-Circuit DALI Surface track	3m	Black



3-Circuit DALI Recessed Track

Code	Model	Length	Colour
TRA_599	3-Circuit DALI Recessed track	1m	White
TRA_602	3-Circuit DALI Recessed track	2m	White
TRA_605	3-Circuit DALI Recessed track	3m	White
TRA_600	3-Circuit DALI Recessed track	1m	Grey
TRA_603	3-Circuit DALI Recessed track	2m	Grey
TRA_606	3-Circuit DALI Recessed track	3m	Grey
TRA_601	3-Circuit DALI Recessed track	1m	Black
TRA_604	3-Circuit DALI Recessed track	2m	Black
TRA_607	3-Circuit DALI Recessed track	3m	Black















3-CIRCUIT / 3-CIRCUIT DALI Track System
















Accessories 3-Circuits track system

Code	Description	Colour
	TRA.518 Connector Left 3 CIRCUIT	White
TRA.519 Connector Left 3 CIRCUIT		Grey
TRA.520 Connector Left 3 CIRCUIT		Black
	TRA.521 Connector Right 3 CIRCUIT	White
TRA.522 Connector Right 3 CIRCUIT		Grey
TRA.523 Connector Right 3 CIRCUIT		Black
	TRA.524 Coupler 3 CIRCUIT	White
TRA.525 Coupler 3 CIRCUIT		Grey
TRA.526 Coupler 3 CIRCUIT		Black
	TRA.527 Coupler INSULATION 3 CIRCUIT	White
TRA.528 Coupler INSULATION 3 CIRCUIT		Grey
TRA.529 Coupler INSULATION 3 CIRCUIT		Black
	TRA.530 Middle Connector	White
TRA.531 Middle Connector		Grey
TRA.532 Middle Connector		Black
	TRA.533 END CAP	White
TRA.534 END CAP		Grey
TRA.535 END CAP		Black
	TRA.536 End cap recessed	White
TRA.537 End cap recessed		Grey
TRA.538 End cap recessed		Black
	TRA.539 Flexible connector	White
TRA.540 Flexible connector		Grey
TRA.541 Flexible connector		Black
	TRA.542 Adjustable connector	White
TRA.543 Adjustable connector		Grey
TRA.544 Adjustable connector		Black
	TRA.545 X Connector	White
TRA.546 X Connector		Grey
TRA.547 X Connector		Black
	TRA.548 Twisted L connector (L and R)	White
TRA.549 Twisted L connector (L and R)		Grey
TRA.550 Twisted L connector (L and R)		Black
	TRA.551 Twisted T connector L1->L2	White
TRA.552 Twisted T connector L1->L2		Grey
TRA.553 Twisted T connector L1->L2		Black

Code	Description	Colour
	TRA.554 Twisted T connector R1->R2	White
TRA.555 Twisted T connector R1->R2		Grey
TRA.556 Twisted T connector R1->R2		Black
	TRA.557 L Connector Left	White
TRA.558 L Connector Left		Grey
TRA.559 L Connector Left		Black
	TRA.560 L Connector Right	White
TRA.561 L Connector Right		Grey
TRA.562 L Connector Right		Black
	TRA.563 T Connector Left1	White
TRA.564 T Connector Left1		Grey
TRA.565 T Connector Left1		Black
	TRA.566 T Connector Left2	White
TRA.567 T Connector Left2		Grey
TRA.568 T Connector Left2		Black
	TRA.569 T Connector Right1	White
TRA.570 T Connector Right1		Grey
TRA.571 T Connector Right1		Black
	TRA.572 T Connector Right2	White
TRA.573 T Connector Right2		Grey
TRA.574 T Connector Right2		Black
	TRA.575 Connector cover	White
TRA.576 Connector cover		Grey
TRA.577 Connector cover		Black
	TRA.578 T Connector cover	White
TRA.579 T Connector cover		Grey
TRA.580 T Connector cover		Black
	TRA.581 X Connector cover	White
TRA.582 X Connector cover		Grey
TRA.583 X Connector cover		Black
	TRA.584 Middle connector cover	White
TRA.585 Middle connector cover		Grey
TRA.586 Middle connector cover		Black
	TRA.587 L Connector cover	White
TRA.588 L Connector cover		Grey
TRA.589 L Connector cover		Black

















Accessories 3-Circuits DALI track system

Code	Description	Colour
	TRA.608 Connector Left DALI 3 Circuit	White
TRA.609 Connector Left DALI 3 Circuit		Grey
TRA.610 Connector Left DALI 3 Circuit		Black
	TRA.611 Connector Right DALI 3 Circuit	White
TRA.612 Connector Right DALI 3 Circuit		Grey
TRA.613 Connector Right DALI 3 Circuit		Black
	TRA.614 Coupler DALI 3 Circuit	White
TRA.615 Coupler DALI 3 Circuit		Grey
TRA.616 Coupler DALI 3 Circuit		Black
	TRA.617 Middle connector DALI 3 Circuit	White
TRA.618 Middle connector DALI 3 Circuit		Grey
TRA.619 Middle connector DALI 3 Circuit		Black
	TRA.620 Flexible connector DALI 3 Circuit	White
TRA.621 Flexible connector DALI 3 Circuit		Grey
TRA.622 Flexible connector DALI 3 Circuit		Black
	TRA.623 X Connector DALI 3 Circuit	White
TRA.624 X Connector DALI 3 Circuit		Grey
TRA.625 X Connector DALI 3 Circuit		Black
	TRA.626 L Connector Left DALI 3 Circuit	White
TRA.627 L Connector Left DALI 3 Circuit		Grey
TRA.628 L Connector Left DALI 3 Circuit		Black
	TRA.629 L Connector Right DALI 3 Circuit	White
TRA.630 L Connector Right DALI 3 Circuit		Grey
TRA.631 L Connector Right DALI 3 Circuit		Black
	TRA.632 T Connector Left1 DALI 3 Circuit	White
TRA.633 T Connector Left1 DALI 3 Circuit		Grey
TRA.634 T Connector Left1 DALI 3 Circuit		Black
	TRA.635 T Connector Left2 DALI 3 Circuit	White
TRA.636 T Connector Left2 DALI 3 Circuit		Grey
TRA.637 T Connector Left2 DALI 3 Circuit		Black
	TRA.638 T Connector Right1 DALI 3 Circuit	White
TRA.639 T Connector Right1 DALI 3 Circuit		Grey
TRA.640 T Connector Right1 DALI 3 Circuit		Black
	TRA.641 T Connector Right2 DALI 3 Circuit	White
TRA.642 T Connector Right2 DALI 3 Circuit		Grey
TRA.643 T Connector Right2 DALI 3 Circuit		Black
	TRA.644 Connector cover DALI 3 Circuit	White
TRA.645 Connector cover DALI 3 Circuit		Grey
TRA.646 Connector cover DALI 3 Circuit		Black

3-CIRCUIT / 3-CIRCUIT DALI Track System





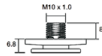



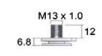



Track suspension & general accessories

Code	Description	Colour
	TRA.680 Suspension connection clamp	White
TRA.681 Suspension connection clamp		Grey
TRA.682 Suspension connection clamp		Black
	TRA.683 Suspension Clamp for Track	White
TRA.684 Suspension Clamp for Track		Grey
TRA.685 Suspension Clamp for Track		Black
	TRA.686 Rod suspension	White
TRA.687 Rod suspension		Grey
TRA.688 Rod suspension		Black
	TRA.689 Wire suspension 5m G2	White
TRA.690 Wire suspension 5m G2		Grey
TRA.691 Wire suspension 5m G2		Black
	TRA.692 Wire suspension 5m	White
TRA.693 Wire suspension 5m		Grey
TRA.694 Wire suspension 5m		Black
	TRA.695 T Bar	White
TRA.696 T Bar		Grey
TRA.697 T Bar		Black
	TRA.698 Reinforcement plate with 5m wire	White
TRA.699 Reinforcement plate with 5m wire		Grey
TRA.700 Reinforcement plate with 5m wire		Black
	TRA.701 Mounting clamp	White
TRA.702 Mounting clamp		Grey
TRA.703 Mounting clamp		Black
	TRA.704 Fixing Bracket For Recessed Track	
	TRA.705 Wall clamp 9cm	White
TRA.706 Wall clamp 9cm		Grey
TRA.707 Wall clamp 9cm		Black
	TRA.708 Suspension hook	White
TRA.709 Suspension hook		Grey
TRA.710 Suspension hook		Black
	TRA.711 Track cover strip 3m	White
TRA.712 Track cover strip 3m		Black
	TRA.713 Mechanical adapter	White
TRA.714 Mechanical adapter		Grey
TRA.715 Mechanical adapter		Black
	TRA.716 Fixed monopoint for track adapter	White
TRA.717 Fixed monopoint for track adapter		Grey
TRA.718 Fixed monopoint for track adapter		Black
	TRA.719 Fixed monopoint DALI for track adapter	White
TRA.720 Fixed monopoint DALI for track adapter		Grey
TRA.721 Fixed monopoint DALI for track adapter		Black
	TRA.722 Schuko adapter	White
TRA.723 Schuko adapter		Black

3-CIRCUIT / 3-CIRCUIT DALI Track System

Interior Spotlights 

Adapters

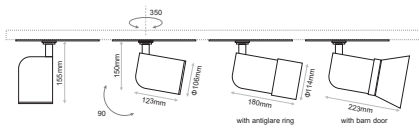
Code	Description	Colour
 TRA.724	Smart 3 circuits adapter	White
TRA.725	Smart 3 circuits adapter	Grey
TRA.726	Smart 3 circuits adapter	Black
 TRA.727	Classic 3 circuits adapter	White
TRA.728	Classic 3 circuits adapter	Grey
TRA.729	Classic 3 circuits adapter	Black
 TRA.730	Adapter DALI 3 Circuit	White
TRA.731	Adapter DALI 3 Circuit	Grey
TRA.732	Adapter DALI 3 Circuit	Black
 TRA.733	Adapter DALI 1 Circuit	White
TRA.734	Adapter DALI 1 Circuit	Grey
TRA.735	Adapter DALI 1 Circuit	Black
 TRA.736	Nipple M10x1.0 h8mm (complete ALU)	
 TRA.737	Nipple M10x1.0 h8mm (coloured ring)	White
TRA.738	Nipple M10x1.0 h8mm (coloured ring)	Grey
TRA.739	Nipple M10x1.0 h8mm (coloured ring)	Black
 TRA.740	Nipple M10x1.0 h12mm (complete ALU)	
 TRA.741	Nipple M10x1.0 h12mm (coloured ring)	White
TRA.742	Nipple M10x1.0 h12mm (coloured ring)	Grey
TRA.743	Nipple M10x1.0 h12mm (coloured ring)	Black
 TRA.744	Nipple M13x1.0 h12mm	
 TRA.745	PVC strain relief	White
TRA.746	PVC strain relief	Grey
TRA.747	PVC strain relief	Black
 TRA.748	PVC Nipple strain relief M10	White
TRA.749	PVC Nipple strain relief M10	Grey
TRA.750	PVC Nipple strain relief M10	Black
 TRA.751	Tool for smart 3 circuit adapter wiring	



CALLISTO X

Interior Spotlights 

- Callisto series of indoor tracklights consists of three models. Callisto X is the largest model.
- Adjustable 350° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour.
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM



Interior Spotlights 

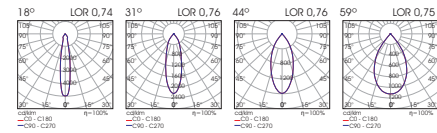
CALLISTO X

LIGHTSOURCE BY
bridgelux.

Model (LED Power)	CCT*	CB80 LED Source	CB90 LED Source	CB97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
CALLISTO X 31.3W (CALLISTO X31)	2700K (27B)	4510lm	3721lm	3298lm	18° (18)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut** (PC) Local Dimming** (LD)	Standard (0) Honeycomb (1) Phase Cut** (XX) Local Dimming** (LD)
	3000K (30B)	4792lm	3890lm	3524lm	31° (31)				
	4000K (40B)	4933lm	4115lm	-	44° (44)				
	5700K (57B)	4792lm	-	-	59° (59)				
CALLISTO X 37.1W (CALLISTO X37)	2700K (27B)	5199lm	4289lm	3802lm					EXTRAS No Extras (0) Antiglare Ring Black (1) Antiglare Ring White (2) Barn Door Black (3) Barn Door White (4)
	3000K (30B)	5524lm	4484lm	4062lm					
	4000K (40B)	5687lm	4744lm	-					
	5700K (57B)	5524lm	-	-					

* Available in 3500K, 5000K and 6500K upon request
**Available only for 31.3W version

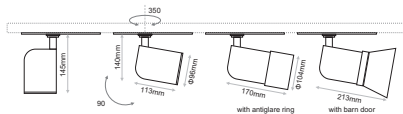
Ordering Code Example:
CALLISTO X31-30B-97-59-AD-BL-ND-11



CALLISTO D

Interior Spotlights

- Callisto series of indoor tracklights consists of three models. Callisto D is the intermediate model.
- Adjustable 350° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM



Interior Spotlights

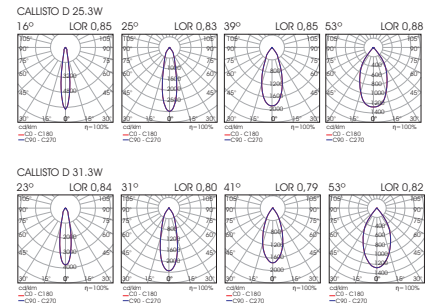
CALLISTO D

LIGHTSOURCE BY
bridgelux

Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	CR97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
CALLISTO D 25.3W (CALLISTO D25)	2700K (27B)	3384lm	2792lm	2475lm	16° (16)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND)	Standard (0)
	3000K (30B)	3593lm	2919lm	2644lm	25° (25)				
	4000K (40B)	3701lm	3088lm	-	39° (39)				
	5700K (57B)	3595lm	-	-	53° (53)				
CALLISTO D 31.3W (CALLISTO D31)	2700K (27B)	4510lm	3721lm	3298lm	23° (23)			Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)	No Extras (0) Antiglare Ring Black (1) Antiglare Ring White (2) Barn Door Black (3) Barn Door White (4)
	3000K (30B)	4792lm	3890lm	3524lm	31° (31)				
	4000K (40B)	4933lm	4115lm	-	41° (41)				
	5700K (57B)	4792lm	-	-	53° (53)				
Warm Dimmable			LED Source	CR95					
CALLISTO D 30.6W Warm Dimmable (CALLISTO D WD30)	Warm Dimmable (1830B)	1800K-3000K	2850lm	95 (95)	23° (23) 31° (31) 41° (41) 53° (53)			DAI (D) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)	

* Available in 3500K, 5000K and 6500K upon request

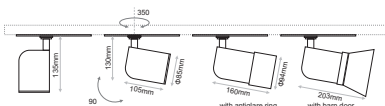
Ordering Code Example: CALLISTO D25-40B-90-25-AD-BL-ND-11



CALLISTO N

Interior Spotlights 

- Callisto series of indoor tracklights consists of three models. Callisto N is the smallest model.
- Adjustable 350° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM



Interior Spotlights 

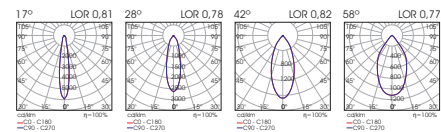
CALLISTO N

LIGHTSOURCE BY


Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	CR97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
CALLISTO N 17.5W <i>(CALLISTO N16)</i>	2700K (2/78)	2482lm	2048lm	1815lm	17° (17)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)	Standard (0/1) Honeycomb (1/3) ↓ (XX) ↑
	3000K (3/68)	2637lm	2140lm	1939lm	28° (28)				
	4000K (4/6)	2744lm	2265lm	-	42° (42)				
	5700K (5/78)	2637lm	-	-	58° (58)				
CALLISTO N 25.3W <i>(CALLISTO N25)</i>	2700K (2/78)	3384lm	2792lm	2475lm					Extras No Extras (0) Antiglare Ring Black (1/1) Antiglare Ring White (1/2) Barn Door Black (1/3) Barn Door White (1/4)
	3000K (3/68)	3595lm	2919lm	2644lm					
	4000K (4/6)	3701lm	3088lm	-					
	5700K (5/78)	2637lm	-	-					
Warm Dimmable <i>(CALLISTO N WD17)</i>		Warm Dimmable 1800K-3000K (1830B)	LED Source 1520lm	CR95 95 (95)				DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)	

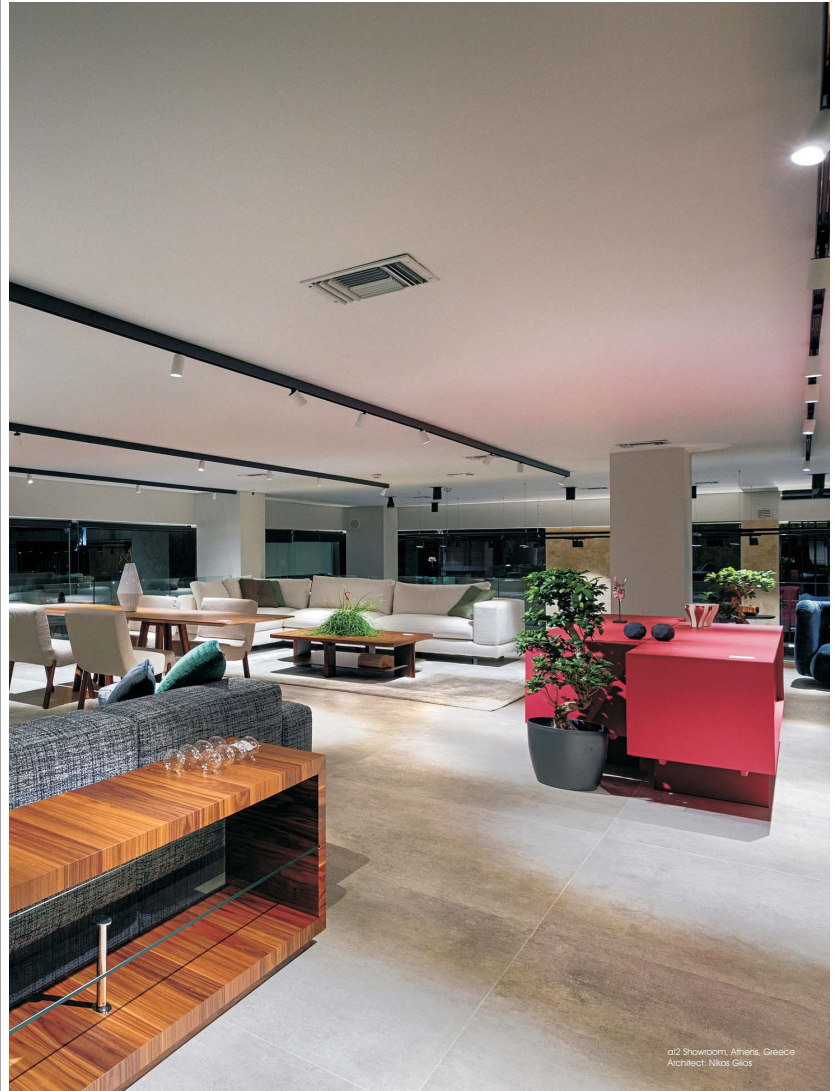
* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: CALLISTO N18-27B-90-42-AD-WH-ND-02





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o12 Showroom, Athens, Greece
Architect: Nikos Gkios

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

RIENA X

Interior Spotlights 

- Riena series of indoor tracklights consists of three models. Riena X is the largest model.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50,000h
- 3 SDCM

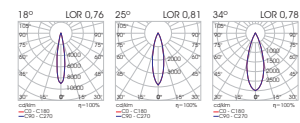
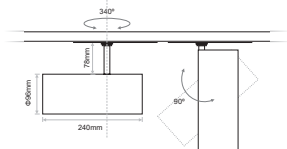


LIGHTSOURCE BY
bridgelux

Model (LED Power)	CCT*	C8180 LED Source	C8190 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
RIENA X 24.6W <i>(RIENA X25)</i>	2700K (278)	3380lm	2780lm	18° (18)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)	Standard (00) Antiglare Ring Black (01) Antiglare Ring White (02) Barn Door Black (03) Barn Door White (04)
	3000K (308)	3590lm	2910lm	25° (25)				
	4000K (408)	3690lm	3080lm	34° (34)				
	5700K (578)	3590lm	-					
RIENA X 31.6W <i>(RIENA X32)</i>	2700K (278)	4340lm	3580lm					
	3000K (308)	4610lm	3740lm					
	4000K (408)	4750lm	3960lm					
	5700K (578)	4610lm	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: *RIENA X25-40B-80-34-AD-WH-PC-04*



Interior Spotlights 

RIENA D

- Riena series of indoor tracklights consists of three models. Riena D is the intermediate model.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50,000h
- 3 SDCM

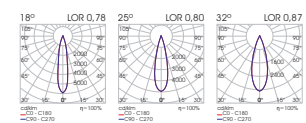
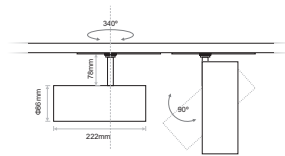


LIGHTSOURCE BY
bridgelux

Model (LED Power)	CCT*	C8180 LED Source	C8190 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
RIENA D 16.2W <i>(RIENA D16)</i>	2700K (278)	2190lm	1810lm	18° (18)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)	Standard (00) Antiglare Ring Black (01) Antiglare Ring White (02) Barn Door Black (03) Barn Door White (04)
	3000K (308)	2330lm	1890lm	25° (25)				
	4000K (408)	2400lm	2000lm	32° (32)				
	5700K (578)	2330lm	-					
RIENA D 22.6W <i>(RIENA D23)</i>	2700K (278)	3070lm	2530lm					
	3000K (308)	3260lm	2640lm					
	4000K (408)	3360lm	2800lm					
	5700K (578)	3260lm	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: *RIENA D23-40B-80-32-AD-WH-PC-04*



RIENA N

Interior Spotlights 

- Riena series of indoor tracklights consists of three models. Riena N is the smallest model.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barn door.
- L90/B10 50,000h
- 3 SDCM

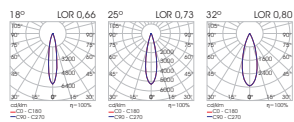
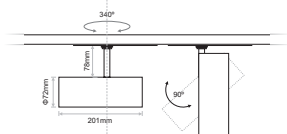


LIGHTSOURCE BY
bridgelux

Model (LED Power)	CCT*	C890 LED Source	C890 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
RIENA N 12.8W <i>(RIENA N13)</i>	2700K (278)	1680lm	980lm	18° (18)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (00)
	3000K (308)	1780lm	1450lm	25° (25)		Black (BL)	DALI (DL)	Antiglare Ring Black (01)
	4000K (408)	1840lm	1530lm	32° (32)		Phase Cut (Trailing Edge Dimmer) (PC)	Antiglare Ring White (02)	Barn Door Black (03)
	5700K (578)	1780lm	-			Local Dimming (LD)	Barn Door White (04)	
RIENA N 16.2W <i>(RIENA N16)</i>	2700K (278)	2190lm	1810lm					
	3000K (308)	2330lm	1890lm					
	4000K (408)	2400lm	2000lm					
	5700K (578)	2330lm	-					

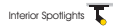
* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: *RIENA N16-40B-80-32-AD-WH-PC-04*



ca2 Booth, Salone del Mobile, Milano
Architect: Nikos Galis

FERIA ZOOM X



- FERIA series of tracklights consists of four models. FERIA Zoom X is the largest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 18° (min) – 65° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

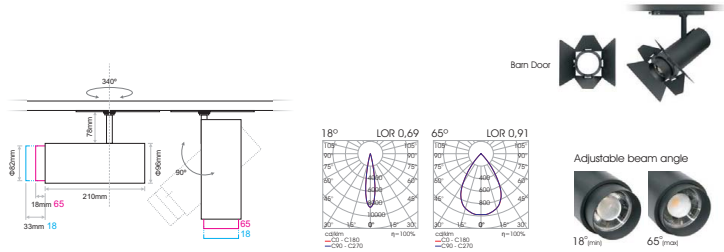


LIGHTSOURCE BY
bridgelux.

Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)				
FERIA ZOOM X 32.3W (FERIA ZOOM X32)	2700K (278)	4485lm	3701lm	Adjustable (18/65) 18°(min)-65°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut** (PC) (Trailing Edge Dimmer) Local Dimming** (LD)
	3000K (308)	4766lm	3868lm				
	4000K (408)	4906lm	4092lm				
	5700K (578)	4766lm	-				
FERIA ZOOM X 38.3W (FERIA ZOOM X38)	2700K (278)	5133lm	4236lm				
	3000K (308)	5455lm	4428lm				
	4000K (408)	5615lm	4684lm				
	5700K (578)	5455lm	-				

* Available in 3500K, 5000K and 6500K upon request
** Available only for 32.3W version

Ordering Code Example: FERIA ZOOM X32-408-80-1855-AD-BL-ND



FERIA ZOOM D



- FERIA series of tracklights consists of four models. FERIA Zoom D is the intermediate model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 22° (min) – 60° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

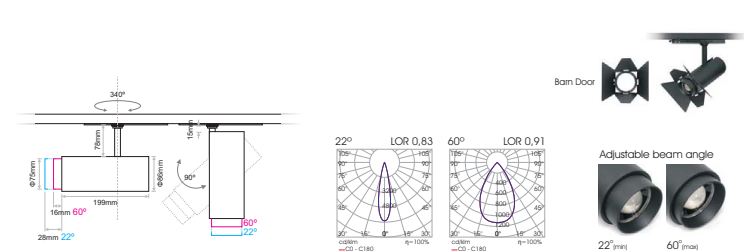


LIGHTSOURCE BY
bridgelux.


Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	CR97 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)	97 (97)				
FERIA ZOOM D 25.3W (FERIA ZOOM D25)	2700K (278)	3384lm	2792lm	2475lm	Adjustable (22/60) 22°(min)-60°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (PC) (Trailing Edge Dimmer) Local Dimming (LD)
	3000K (308)	3595lm	2919lm	2644lm				
	4000K (408)	3701lm	3088lm	-				
	5700K (578)	3595lm	-	-				
FERIA ZOOM D 32.3W (FERIA ZOOM D32)	2700K (278)	4485lm	3701lm	-				
	3000K (308)	4766lm	3868lm	-				
	4000K (408)	4906lm	4092lm	-				
	5700K (578)	4766lm	-	-				

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA ZOOM D25-408-90-2260-AD-BL-ND



FERIA ZOOM N

Interior Spotlights 

- FERIA series of tracklights consists of four models. FERIA Zoom N is the smallest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 17° (min) – 58° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

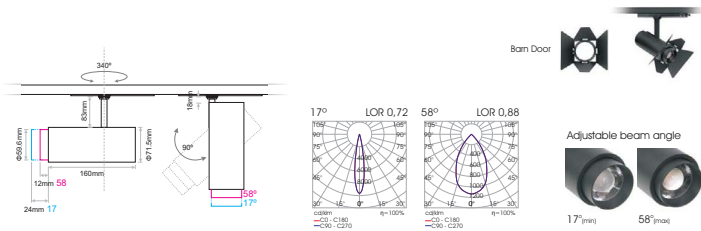


LIGHTSOURCE BY
bridgelux.

Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)				
FERIA ZOOM N 17.7W <i>(FERIA ZOOM N18)</i>		2700K (278) 3000K (308) 4000K (408) 5700K (578)	2302lm 2445lm 2518lm 2445lm	1899lm 1985lm 2100lm -	Adjustable (1758) 17°(min)-58°(max)	Adjustable (AD) White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA ZOOM N18-40B-90-1758-AD-BL-ND



FERIA F

Interior Spotlights 

- FERIA series of tracklights consists of four models. FERIA F is the last model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 6° (min) – 60° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM



LIGHTSOURCE BY
bridgelux.

Model (LED Power)	CCT*	CR80 Beam Angle LED Source	CR90 Beam Angle LED Source	CR97 Beam Angle LED Source	Type	Colour	Dimming Option
		80 (80)	90 (90)	97 (97)			
		6° 60°	6° 60°	6° 60°			
FERIA F 17.7W <i>(FERIA F18)</i>		2700K (278) 3000K (308) 4000K (408) 5700K (578)	450lm-1059lm 489lm-1125lm 504lm-1158lm 489lm-1125lm	380lm-874lm 397lm-913lm 420lm-966lm -	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)
		8° 65°	8° 65°	8° 65°			
FERIA F 25.3W <i>(FERIA F25)</i>		2700K (278) 3000K (308) 4000K (408) 5700K (578)	575lm-1492lm 611lm-1708lm 629lm-1851lm 611lm-1798lm	475lm-1396lm 495lm-1460lm 525lm-1544lm -			

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA F25-30B-90-AD-WH-DL



Adjustable beam angle

60° max (17.7W) 6° min (17.7W)
65° max (25.3W) 8° min (25.3W)

ADORNO TRACK Retrofit

Interior Spotlights 

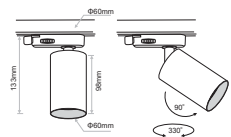
- Adorno is an elegant tracklight suitable for GU10 LED lamps.
- Max 7.5 Watt (lamp not included).
- Housing: Powder coated aluminium.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.
- 3 circuit track adaptor



Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO TRACK Retrofit <i>(ADORNO TRR)</i>	White-Black (WB)	Adjustable (AD)	GU10 (G-1) (max 7.5W)	Standard (0)
	White-White (WW)			Honeycomb (1)
	White-Gold (WG)			Linear Spread (2)
	Black-Black (BB)			Softening Lens (3)
	Black-White (BW)			Spread Lens (4)
Black-Gold (BG)				



Ordering Code Example:
ADORNO TRR-WB-AD-G1-1



Honeycomb Linear Spread Softening Lens Spread Lens



Interior Spotlights 

RIO L SQUARE

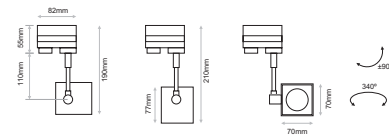
- Rio L is a tracklight with long bracket and square form suitable for GU10 LED lamps.
- Max 50 Watt (lamp not included).
- Adjustable 340° on the horizontal plane & ±90° on the vertical plane.
- Available only in White Colour.
- 3 circuit track adaptor.



Model	Colour	Type	Lamp Holder	Accessories
RIO L Square <i>(RIO L SQ)</i>	White (WH)	Adjustable (AD)	GU10 (G-1) (max 50W)	Standard (0)



Ordering Code Example:
RIO L SQ-WH-AD-G1-0



MANDI SYSTEM

Interior Spotlights

- MANDI is a firmless system creating horizontal and vertical lines.
- MANDI luminaire is available in White or Black Colour.
- MANDI System accessories include: Corner, Internal & External set 90D, Corner U type, Extension Line, 90D Corner Extension.
- Installation box is not included.
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

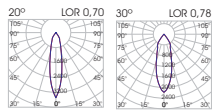


LIGHT SOURCE BY
bridgelux

Model (LED Power)	CC1*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories		
		C880 C890 C897								
MANDI 12.2W (MANDI 12)	2700K (278)	1575lm	1313lm	-	Adjustable	80 (80)	20° (20)	White (WH)	Without Driver (00)	Standard (01)
	3000K (308)	1657lm	1362lm	-	(AC)	90 (90)	30° (30)	Black (BK)	Non-Dimmable (ND)	Diffuser (11)
	4000K (408)	1705lm	1460lm	-					Analogue (1-10V) (A1)	Honeycomb (21)
	5700K (578)	1788lm	-	-					DMX (DM)	
MANDI 12.5W (MANDI 12)	2700K (278)	-	-	-					DALI (DL)	
	3000K (308)	-	-	-					Push Button (PB)	
	4000K (408)	-	-	-					Phase Cut (PC)	
	5700K (578)	-	-	-					Wireless **	
MANDI 17.1W (MANDI 17)	2700K (278)	2382lm	1985lm	-					Emergency Kit (11)	
	3000K (308)	2481lm	2060lm	-						
	4000K (408)	2581lm	2209lm	-						
	5700K (578)	2705lm	-	-						
MANDI 17.5W (MANDI 17)	2700K (278)	-	-	-						
	3000K (308)	-	-	-						

* Available in 3500K, 5000K and 6500K upon request
** The wireless dimming option includes driver and Bluetooth dimming accessory.

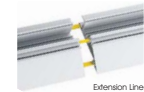
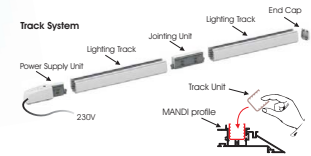
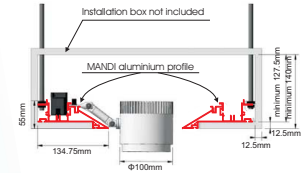
Ordering Code Example: MANDI 17-30B-AD-80-30-BL-ND-00



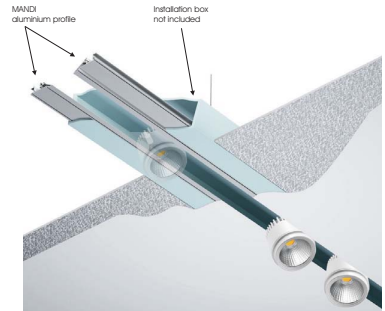
Interior Spotlights



MANDI SYSTEM

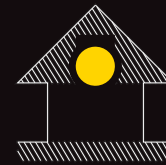


MANDI Corner Internal Set & External Set 90°Black





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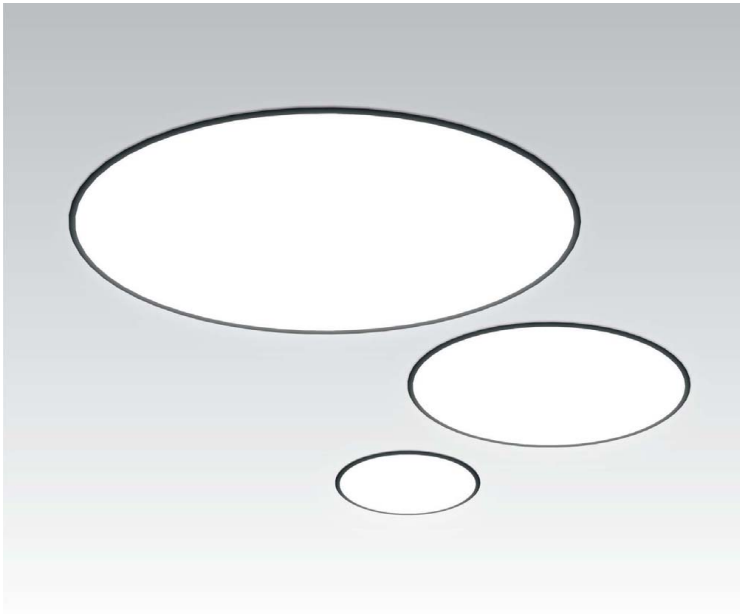
**CEILING
RECESSED**



DISC RC (Recessed)



- Disc is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



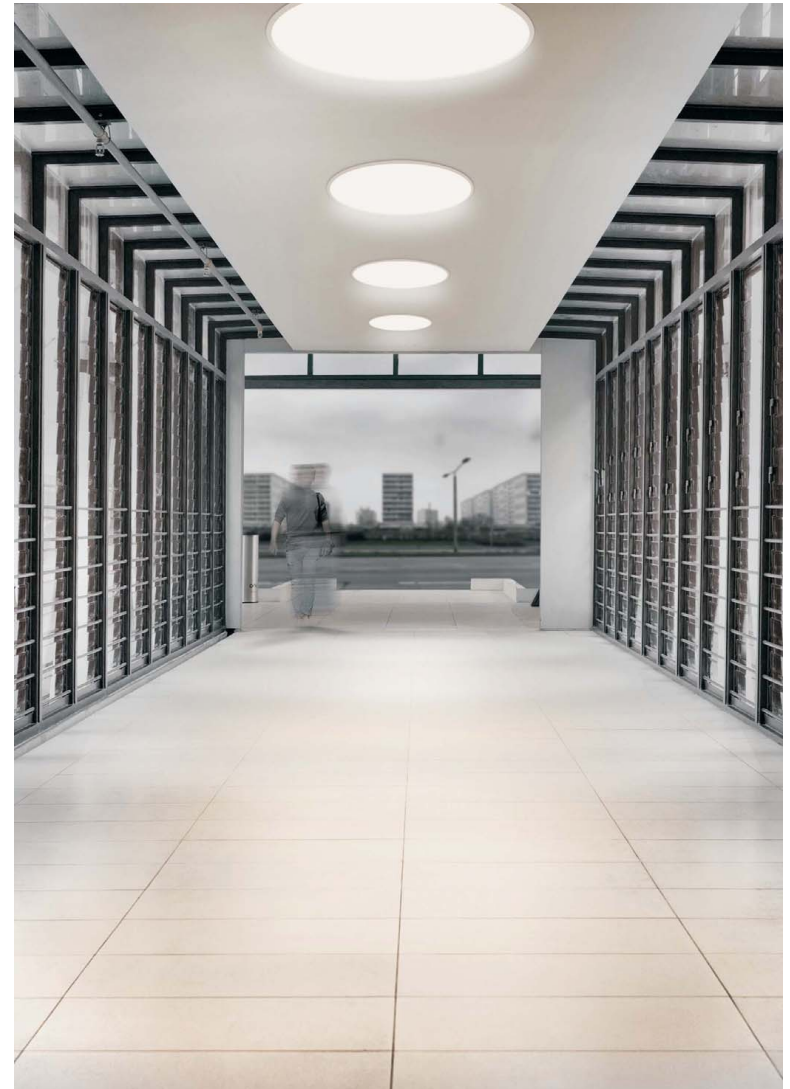
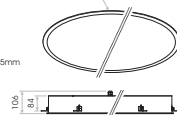
LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:
✓ Custom luminaire colours
✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

Ø289, Ø419, Ø599, Ø869, Ø1149, Ø1439mm

Cutting Hole:
Ø275, Ø405, Ø585, Ø855, Ø1135, Ø1425mm

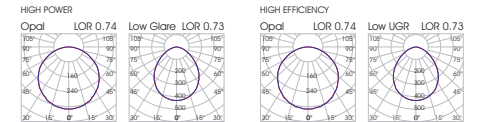
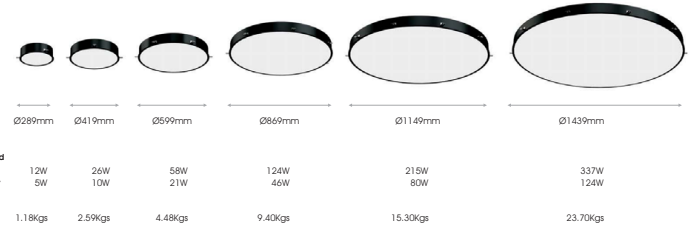




Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Recessed High Power <i>(DISC RC HP)</i>	White (WP)	3000K (30)	HIGH POWER 11.9W / 27cm (12W027) 26.2W / 40cm (26W040) 57.4W / 58cm (58W058) 123.8W / 85cm (124W085) 214.8W / 113cm (215W113) 336.6W / 142cm (337W142)	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard Emergency (F)
	Black (BL)	4000K (40)		3000K	4000K	Low Glare (LG) ***	Analogue (1-10V) (A1)		
	Grey (GR)						DALI (DL)		
							Wireless (WL)		
DISC Recessed High Efficiency <i>(DISC RC HE)</i>			HIGH EFFICIENCY 4.5W / 27cm (05W027) 9.8W / 40cm (10W040) 21.2W / 58cm (21W058) 45.7W / 85cm (46W085) 79.4W / 113cm (80W113) 124.4W / 142cm (124W142)	> 80 (80)	> 80 (80)	Opal (CP)			
				3000K	4000K	Low UGR (LU) ***			

- * Custom luminaire colours available upon request.
- ** Available in CRI90 upon request.
- *** Low Glare (UGR<22), Low UGR (UGR<19)

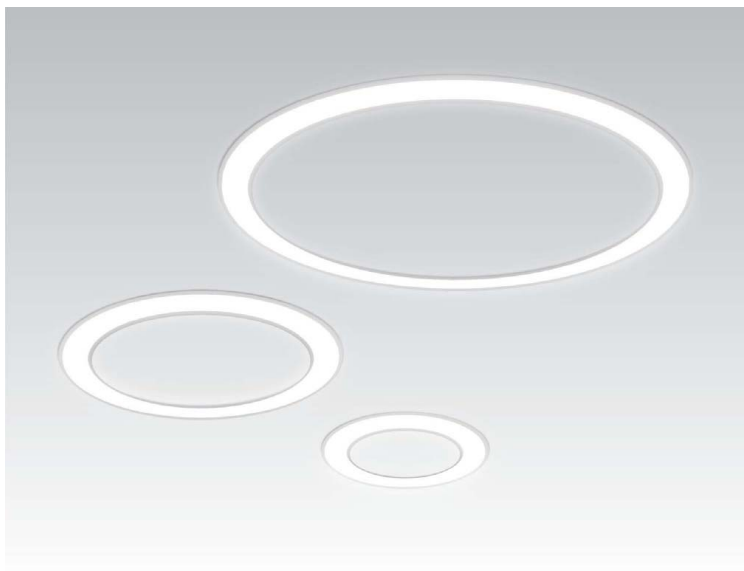
Ordering Code Example: DISC RC HP-BL-30-58W058-80-LG-230-ND-0



ECLIPSE RC (Recessed)

Ceiling Recessed 

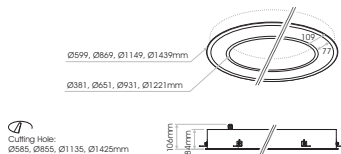
- ECLIPSE is a complete series of round luminaires available in surface, pendant, recessed and timeless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability: (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20



ECLIPSE RC
(Recessed)



Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Recessed High Power (ECLIPSE RC HP)	White (WH)	3000K (30)	HIGH POWER	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0)
	Black (BL)	4000K (40)	46.2W / 58cm (46W/58)	6910lm	7310lm	Low Glare (LG)***		Analogue (1-10V) (A1)	Emergency (1)
	Grey (GR)		75W / 85cm (75W/85)	11070lm	11740lm			DALI (DL)	
			104.5W / 113cm (105W/113)	15490lm	16390lm			Wireless (WL)	
			134.1W / 142cm (134W/142)	19960lm	21100lm				
ECLIPSE Recessed High Efficiency (ECLIPSE RC HE)			HIGH EFFICIENCY	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)			
			17.6W / 58cm (18W/58)	2940lm	3110lm	Low UGR (LU)***			
			26.7W / 85cm (27W/85)	4450lm	4720lm				
			37.2W / 113cm (37W/113)	6230lm	6590lm				
			47.8W / 142cm (48W/142)	8020lm	8480lm				

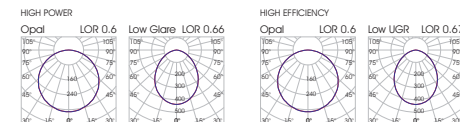
- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ECLIPSE RC HP-BL-30-105W/113-80-LG-230-ND-0



ECLIPSE RC
(Recessed)

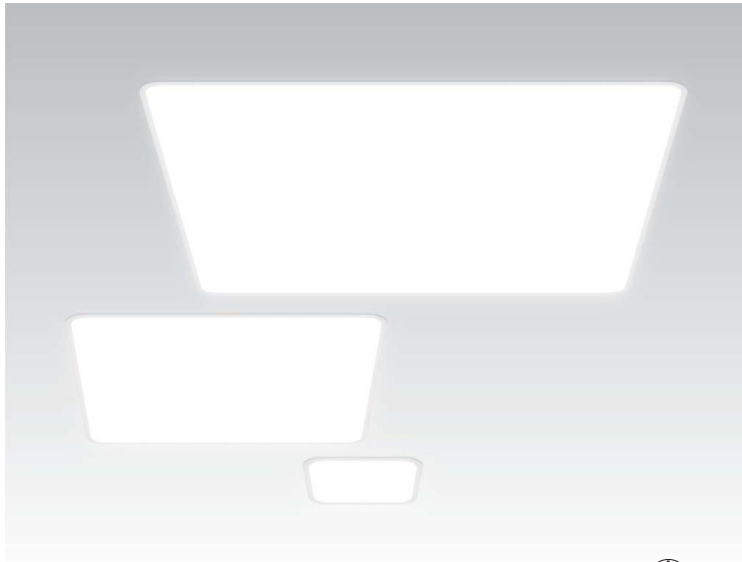
	Ø599mm	Ø869mm	Ø1149mm	Ø1439mm
ECLIPSE Recessed HIGH POWER				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs



LOOP RC (Recessed)



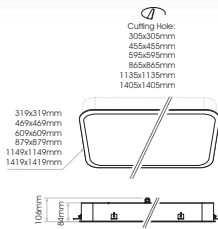
- LOOP is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

- Available upon request:
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H. Reflection factors: 70/50/20

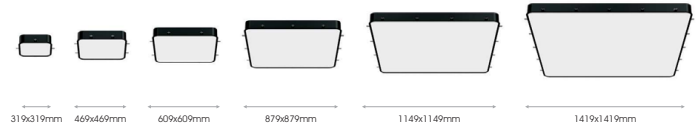
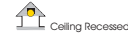




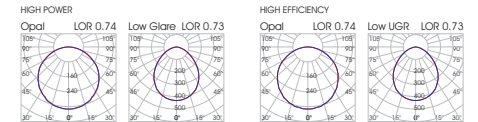
Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras	
LOOP Recessed High Power <i>(LOOP RC HP)</i>	White (WH)	3000K (30)	HIGH POWER	> 80 (80) 3000K	> 80 (80) 4000K	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard (0)	
	Black (BL)	4000K (40)	17.6W / 30x30cm (18W3030)	2660lm	2780lm	Low Glare (LG)***		Analogue (1-10V) (A1)	Emergency (1)	
	Grey (GR)		39.5W / 45x45cm (40W4545)	5860lm	6160lm				DALI (DL)	
			75W / 59x59cm (75W5959)	10720lm	11270lm				Wireless (WL)	
			153.5W / 86x86cm (154W8686)	22150lm	23290lm					
			272.8W / 113x113cm (273W113113)	39380lm	41400lm					
	426.3W / 140x140cm (426W140140)	61540lm	64700lm							
LOOP Recessed High Efficiency <i>(LOOP RC HE)</i>			HIGH EFFICIENCY	> 80 (80) 3000K	> 80 (80) 4000K	Opal (CP)				
			6.6W / 30x30cm (07W3030)	1130lm	1180lm	Low UGR (LU)***				
			13.4W / 45x45cm (13W4545)	2250lm	2370lm					
			25.9W / 59x59cm (26W5959)	4200lm	4410lm					
			58.3W / 86x86cm (58W8686)	9450lm	9930lm					
			103.7W / 113x113cm (104W113113)	16790lm	17650lm					
		162W / 140x140cm (162W140140)	26230lm	27580lm						

- * Custom luminaire colours available upon request.
- ** Available in CR90 upon request.
- *** Low Glare (UGR < 21.8), Low UGR (UGR < 18.6)

Ordering Code Example: LOOP RC HP-BL-30-154W/8686-80-LG-230-ND-0



LOOP Recessed HIGH POWER HIGH EFFICIENCY	18W 7W	40W 13W	75W 26W	154W 58W	273W 104W	426W 162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs



ORBIT RC (Recessed)

Ceiling Recessed 

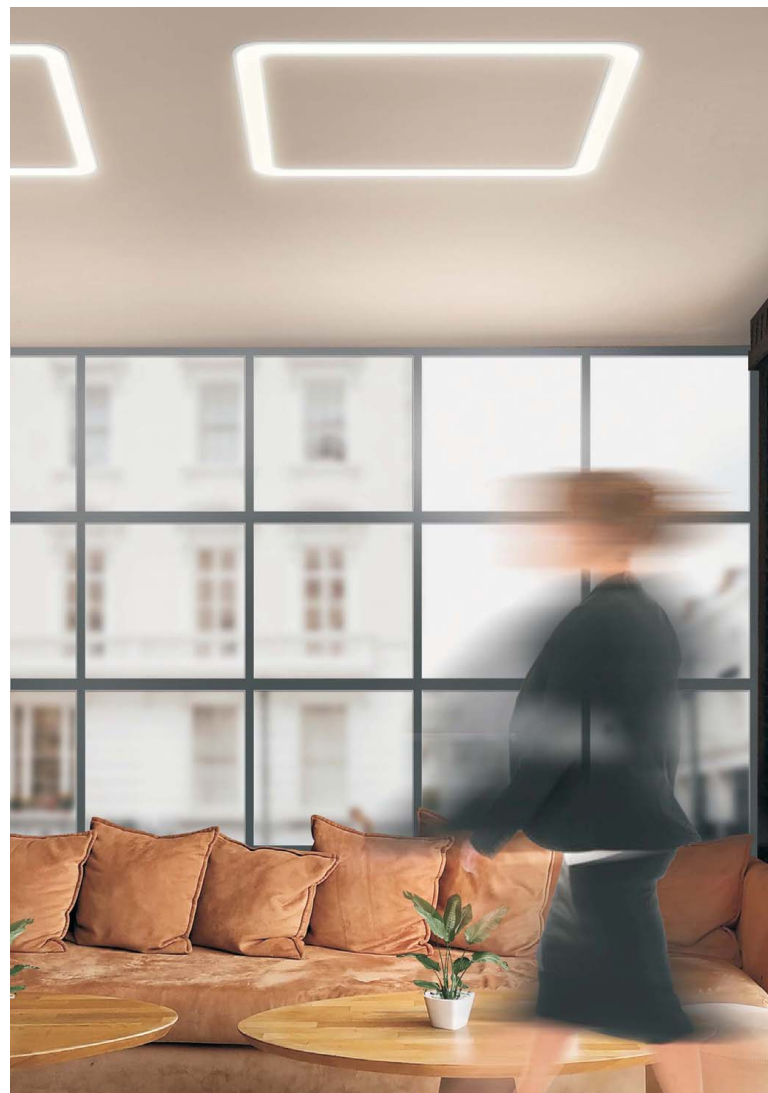
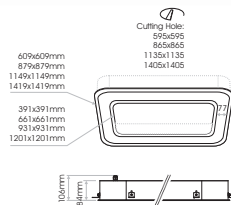
- ORBIT is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18*) as an option in the High Efficiency model.
- Luminaires material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)

Available upon request:
✓ Custom luminaire colours
✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20





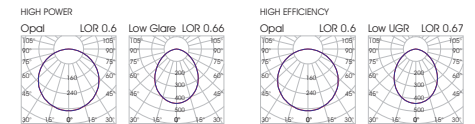
Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Recessed High Power <i>(ORBIT RC HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(0)</i>
	Black <i>(BL)</i>	4000K <i>(40)</i>	61.6W / 59x59cm <i>(62W/59/59)</i>	9240lm	9750lm	Low Glare <i>(LG)***</i>		Analogue <i>(1-10V) (A1)</i>	Emergency <i>(1)</i>
	Grey <i>(GR)</i>		93.6W / 86x86cm <i>(94W/86/86)</i>	14050lm	14880lm			DALI <i>(DL)</i>	
			128.7W / 113x113cm <i>(129W/113/113)</i>	19320lm	20430lm			Wireless <i>(WL)</i>	
			163.9W / 140x140cm <i>(164W/140/140)</i>	24590lm	26000lm				
ORBIT Recessed High Efficiency <i>(ORBIT RC HE)</i>			HIGH EFFICIENCY	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>			
			23.4W / 59x59cm <i>(23W/59/59)</i>	3920lm	4150lm	Low UGR <i>(LU)***</i>			
			32.8W / 86x86cm <i>(33W/86/86)</i>	5500lm	5880lm				
			45.1W / 113x113cm <i>(45W/113/113)</i>	7650lm	8090lm				
			57.4W / 140x140cm <i>(57W/140/140)</i>	9730lm	10290lm				

- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR<20.8), Low UGR (UGR<1.8)

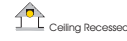
Ordering Code Example: ORBIT RC HP-WH-30-94W/86/86-80-LG-230-ND-0



	60x609mm	87x879mm	1149x1149mm	1419x1419mm
ORBIT Recessed				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs



REFORM 30 RC



REFORM 30 RC

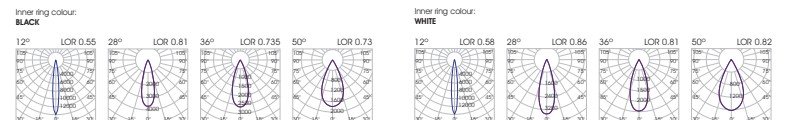
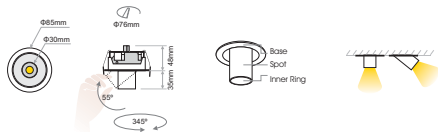
- Reform 30 is a complete series of miniaturized downlights available recessed, fimmless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



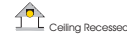
Model	LED Power	CCT*	CR880, CR890 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 30 Recessed (REFORM 30 RC)	3W (3)	2700K (27C)	310mm	250mm	12° (12)	Adjustable (AD)	Base White (W) (V) Black (B) (B)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (D4) Push Button (PB) Phase Cut (PC) Wireless ** (W4)	Standard Honeycomb (H) Extras No Extras (E) Emergency (E1)
		3000K (30C)	310mm	265mm					
		4000K (40C)	330mm	290mm					
		5000K (50C)	360mm	310mm					
	5.8W (6)	2700K (27C)	615mm	500mm	28° (28)		Spot White (W) (V) Black (B) (B)		
		3000K (30C)	615mm	530mm					
		4000K (40C)	665mm	575mm					
	3W (3)	2700K (27C)	396mm	320mm	36° (36)		Inner Ring White (W) (V) Black (B) (B)		
		3000K (30C)	396mm	342mm					
		4000K (40C)	428mm	369mm					
	6.3W (6)	2700K (27C)	669mm	540mm	50° (50)				
		3000K (30C)	669mm	577mm					
4000K (40C)		722mm	623mm						
			5000K (50C)	722mm	669mm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
 ** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 RC-3-40C-80-36-AD-WWB-00-00



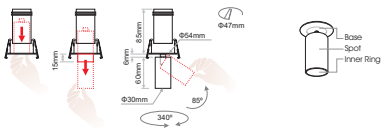
REFORM 30 IN-OUT RC



REFORM 30 IN-OUT RC



- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb, luminaire material: aluminium construction/PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Recessed luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



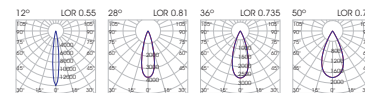
Model	LED Power	CCT*	CR80, CR90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 30 IN-OUT Recessed <i>(REFORM 30 IO RC)</i>	3W (3)	2700K (27C)	310m	250m	12° (12)	Adjustable (AD)	Base White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard Honeycomb (H) Extras No Extras (E) Emergency (EM)
		3000K (30C)	310m	265m					
		4000K (40C)	330m	290m					
	5.8W (6)	2700K (27C)	615m	500m	28° (28) 36° (36) 50° (50)	Spot White (W) Black (B)	Inner Ring White (W) Black (B)		
		3000K (30C)	615m	530m					
		4000K (40C)	665m	575m					
	3W (3)	2700K (27C)	396m	320m	28° (28) 36° (36) 50° (50)	Inner Ring White (W) Black (B)			
		3000K (30C)	396m	342m					
		4000K (40C)	428m	369m					
	6.3W (6)	2700K (27C)	669m	540m	28° (28) 36° (36) 50° (50)	Inner Ring White (W) Black (B)			
		3000K (30C)	669m	577m					
		4000K (40C)	722m	623m					
			5000K (50C)	715m	615m				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

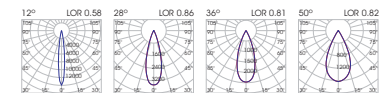
Ordering Code Example: REFORM 30 IO RC-3-40C-80-36-AD-HWB-00-10



Inner ring colour:
BLACK



Inner ring colour:
WHITE



REFORM 30 RC Spot



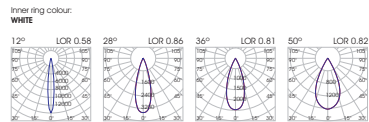
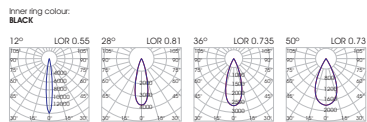
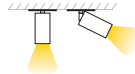
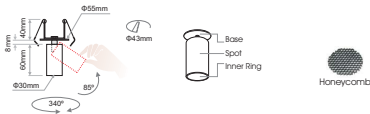
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



Model	LED Power	CCT*	CRI80, CR90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (B)	90 (P)					
REFORM 30 Recessed Spot <small>(REFORM 30 RCSP)</small>	3W (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard Honeycomb (1) Extras No Extras (E) Emergency (1)
		3000K (30C)	310lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (5)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm					
		4000K (40C)	428lm	369lm					
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm	50° (50)				
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
 ** The wireless dimming option includes driver and Bluetooth dimming accessory.

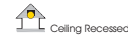
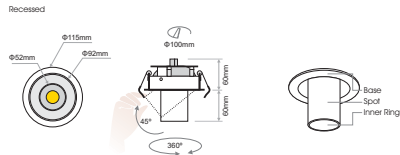
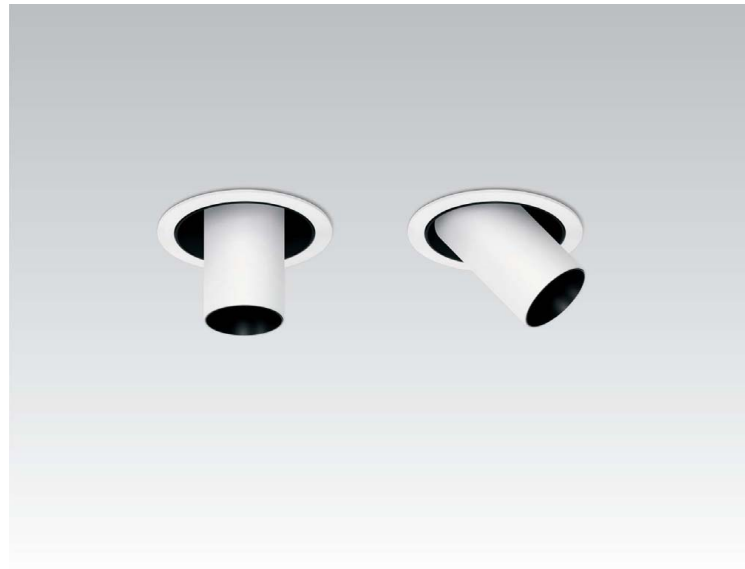
Ordering Code Example: REFORM 30 RCSP-3-40C-80-36-AD-1WB-00-00



REFORM 52 RC



- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM.
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 12 /black inner ring).



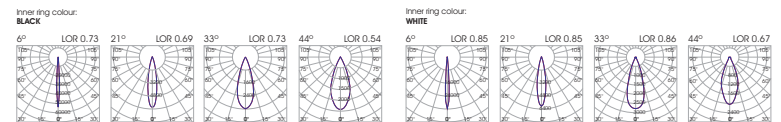
REFORM 52 RC



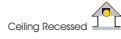
Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 52 Recessed (REFORM 52 RC)	8.2W (8)	2700K (27C)	779lm	628lm	6° (0a)	Adjustable (AD)	Base [XXX] White (W) Black (B) Spot [X] White (W) Black (B) Inner Ring [X] White (W) Black (B)	Without Driver (00)	Standard (01)
		3000K (30C)	779lm	673lm				Non Dimmable (ND)	Honeycomb (1)
4000K (40C)		841lm	726lm	Analogue (1-10V) (A1)				Line spread lens (2)	
5000K (50C)		903lm	779lm	DMX (DX)				Softening lens (3)	
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)			DALI (DL)	↓ (XX)
3000K (30C)		1710lm	1485lm	Push Button (PB)				EXTRAS	
4000K (40C)		1830lm	1590lm	Phase Cut (PC)				No Extras (10)	
5000K (50C)		1710lm	1590lm	Wireless ** (WL)				Emergency (11)	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
 ** The wireless dimming option includes driver and Bluetooth dimming accessory.

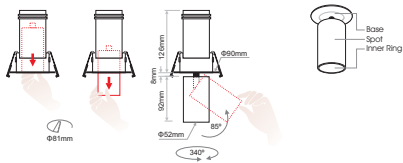
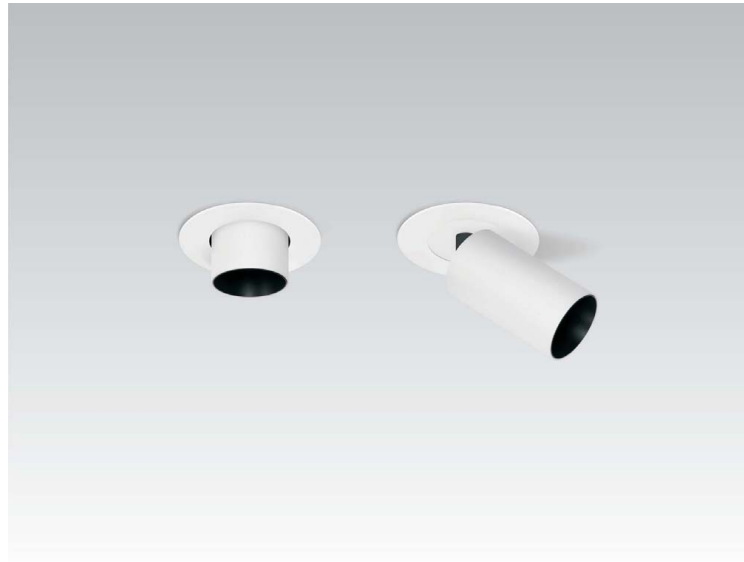
Ordering Code Example:
 REFORM 52 RC-12-40C-80-33-AD-1WB-00-01



REFORM 52 IN-OUT RC



- Reform 52 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 12 watt and 8.2 watt.
- Beam angle varies from 4 to 44 degrees.
- Accessories available: honeycomb, line spread lens, softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM.
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12/black inner ring).



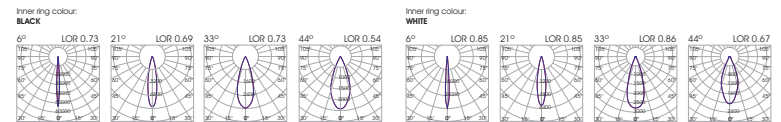
REFORM 52 IN-OUT RC



Model	LED Power	CCT*	CR80, CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
80 (80) 90 (90)								
REFORM 52 IN-OUT Recessed <i>(REFORM 52 IO RC)</i>	8.2W (8)	2700K (27C)	779mm	628lm	6° (06)	Adjustable (AD)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3) EXTRAS No Extras (0) Emergency (1)
		3000K (30C)	779mm	673lm				
		4000K (40C)	841mm	726lm				
		5000K (50C)	903mm	779lm				
	12W (12)	2700K (27C)	1590mm	1380lm	21° (21) 33° (33) 44° (44)			
		3000K (30C)	1740mm	1485lm				
		4000K (40C)	1830mm	1590lm				
		5000K (50C)	1710mm	1590lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
REFORM 52 IO RC-12-40C-80-33-AD-WWB-00-01



REFORM 52 RC Spot



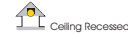
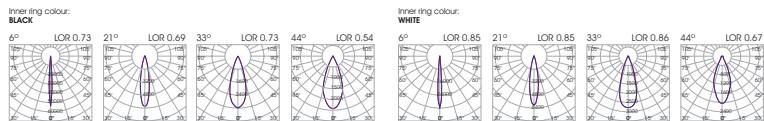
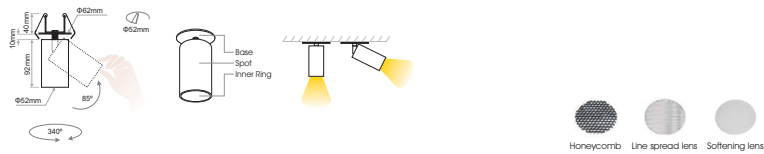
- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



Model	LED Power	CCT*	CR180, CR190 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories			
			80 (80)	90 (90)								
REFORM 52 Recessed Spot <i>(REFORM 52 RCSP)</i>	8.2W (8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2700K (27C)	779lm	628lm	6° (0a)	Adjustable (AD)	Without Driver (00)	[XXX]			
			3000K (30C)	779lm	673lm					Non Dimmable (ND)	[XX]	
			4000K (40C)	841lm	726lm					Analogue (1-10V) (A1)	[X]	
	12W (12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590lm	1380lm	21° (21)	Push Button (PB)	No Extras (E)	Emergency (1)	[XX]			
			1740lm	1485lm						33° (33)	Phase Cut (PC)	[X]
			1830lm	1590lm						44° (44)	Wireless ** (WL)	[X]

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFORM 52 RCSP-12-40C-80-33-AD-WWB-00-01*



REFORM 75 RC Spot

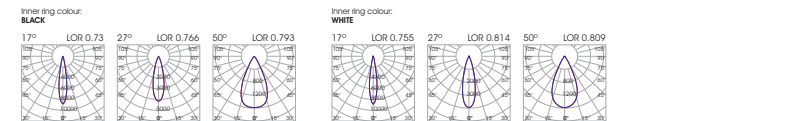
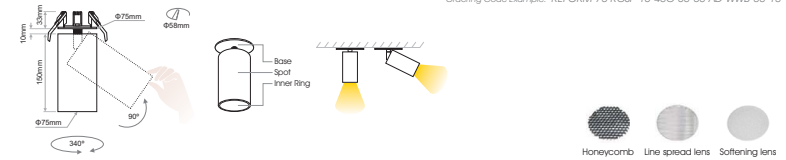
- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).



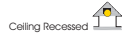
Model	LED Power	CCT*	CR180, CR190 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories			
			80 (80)	90 (90)								
REFORM 75 Recessed Spot <i>(REFORM 75 RCSP)</i>	18W (18)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2700K (27C)	2067lm	1794lm	17° (17)	Adjustable (AD)	Without Driver (00)	[XXX]			
			3000K (30C)	2233lm	1931lm					Non Dimmable (ND)	[X]	
			4000K (40C)	2379lm	2067lm					Analogue (1-10V) (A1)	[X]	
	23.5W (24)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2919lm	2409lm	27° (27)	Push Button (PB)	No Extras (E)	Emergency (1)	[XX]			
			3102lm	2512lm						50° (50)	Phase Cut (PC)	[X]
			3192lm	2663lm						50° (50)	Wireless ** (WL)	[X]

* Models with CCTs of 3500K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFORM 75 RCSP-18-40C-80-50-AD-WWB-00-10*



ADORNO RC Spotlight Retrofit



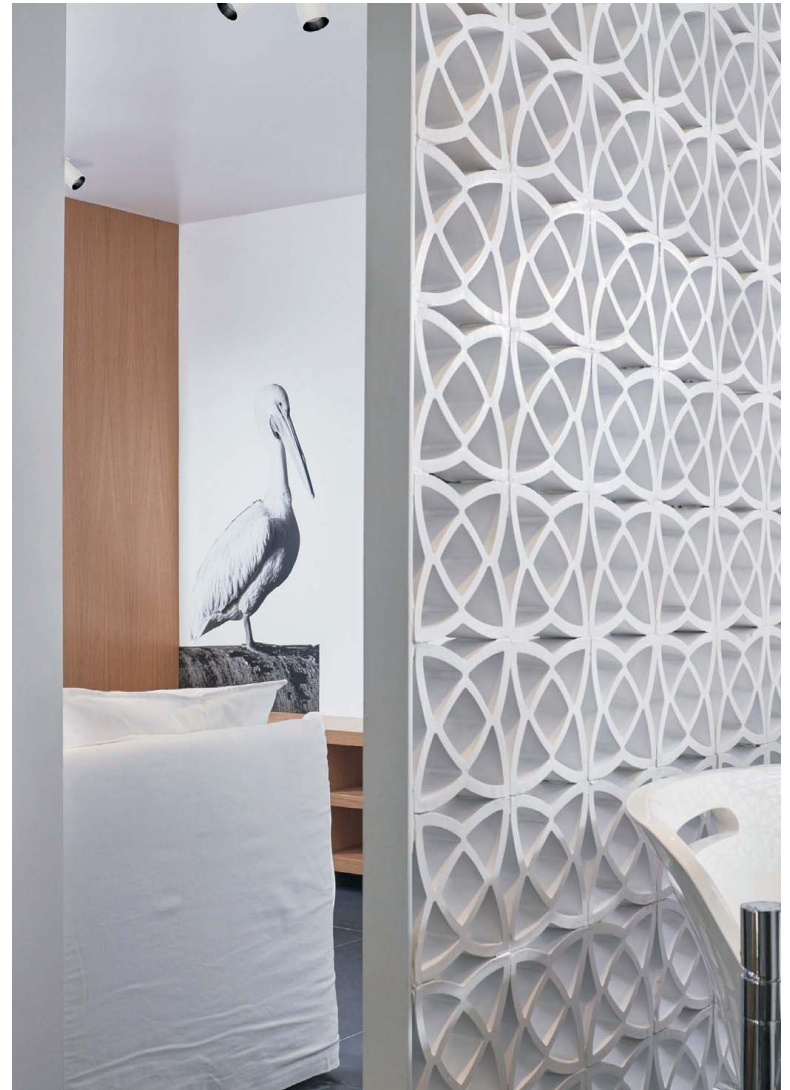
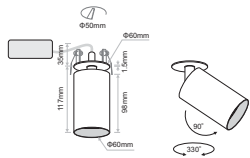
- Adorno series spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.



Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO Recessed Spotlight Retrofit <i>(ADORNO RCSR)</i>	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Adjustable (AD)	GU10 (max 7.5W) (G1)	Standard (0) Honeycomb (1) Linear Spread (2) Softening Lens (3) Spread Lens (4)



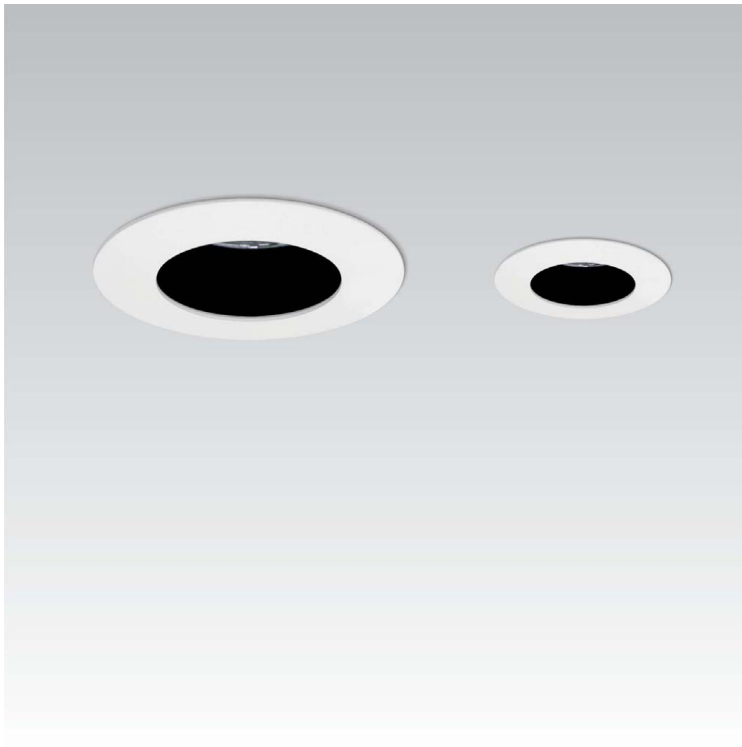
Ordering Code Example: *ADORNO RCSR-WB-AD-G1-1*



SOUL Series



- SOUL is a series of recessed downlights.
- It is available either round or square.
- It is either fixed or adjustable depending on the model.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9° to 50 degrees.
- SOUL DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaires outer trim material: aluminum.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).
- Soul is also offered with an ingress protection rate IP65 (face only).
- Soul Mini: constant current 350mA @3W / 500mA @4.3W.



SOUL Series

SOUL



SOUL MINI



SOUL Series



SOUL



Name	Shape	Model	CCT	CRIBO, CRIP90 LED Source	Beam Angle	Luminaire Colour: Trim/liner Case**	Dimming Option	Accessories
				80 (80) 90 (90)				
SOUL (SOUL)	Round (RD)	Low Depth 7W (LD7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930mm 960mm 1020mm 1020mm	762mm 792mm 840mm 840mm	30° (30)	Without Driver (00) Non Dimmable (ND)	(XXX)
SOUL DEEP (SOUL DEEP)	Square (SQ)					DEEP* 27° (27)	Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (D1) Honeycomb (H1) Linear Spread (L1) Softening Lens (S1)
SOUL ADJ (SOUL A)		Standard 6.2W (ST6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 713mm 760mm 736mm	568mm 608mm 656mm 704mm	19° (19) 35° (35) 50° (50)		IP RATE IP20 (I0) IP54 (I1) IP65**** (I2)
SOUL ADJ DEEP (SOUL A DEEP)						DEEP* 16° (16) 30° (30) 35° (35)		EXTRAS No Extras (E0) Emergency Kit (E1)
SOUL IP65 (SOUL 65)		Standard 12.2W (ST12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590mm 1710mm 1830mm 1710mm	1380mm 1485mm 1590mm 1590mm			
SOUL IP65 DEEP (SOUL 65 DEEP)		Standard 18W (ST18)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067mm 2223mm 2379mm 2223mm	1794mm 1931mm 2067mm 2067mm			
		Narrow Beam 6W (NB6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616mm 616mm 665mm 714mm	497mm 532mm 574mm 616mm	9° (09)		
		Narrow Beam 8W (NB8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792mm 792mm 855mm 918mm	639mm 684mm 738mm 792mm			
		Zoom 6.4W (ZM6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 713mm 760mm 736mm	568mm 608mm 656mm 704mm	22°-50° (2250)		
		Zoom 13W (ZM13)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306mm 1360mm 1435mm 1453mm	1098mm 1150mm 1236mm 1236mm			
		Warm Dimming 0.2-6W (WD)	1800K-3000K (1830B)	636mm	518mm	19° (19) 35° (35) 50° (50)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless**** (WL)	
			LOGO SOURCE BY bridgelux.			DEEP* 16° (16) 30° (30) 35° (35)		

*Beam angle only for DEEP version.

** Inner Case applicable only for DEEP versions.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.

**** Applicable only for SOUL IP65/SOUL IP65 DEEP

Ordering Code Example: SOUL DEEP RD ST18-30C-80-30-WW-DL-100



SOUL SERIES

SOUL MINI



Name	Shape	Model	CCT	CRIBO, CRIP90 LED Source	Beam Angle	Luminaire Colour: Trim/liner Case**	Dimming Option	Accessories
				80 (80) 90 (90)				
SOUL MINI (SOUL MINI)	Round (RD)	Standard 3W (ST3)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	396mm 396mm 428mm 428mm	320mm 342mm 369mm 396mm	27° (27) 35° (35) 47° (47)	Without Driver (00) Non Dimmable (ND)	(XXX)
SOUL MINI DEEP (SOUL MINI DEEP)	Square (SQ)					DEEP* 25° (25) 30° (30) 38° (38)	White (WH) Black (BL) White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	COVER Standard (D1) Honeycomb (H1) Linear Spread (L1) Softening Lens (S1)
SOUL MINI ADJ (SOUL MINI A)		Standard 4.3W (ST4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	528mm 528mm 570mm 570mm	426mm 456mm 492mm 528mm			IP RATE IP20 (I0) IP54 (I1) IP65**** (I2)
SOUL MINI ADJ DEEP (SOUL MINI A DEEP)								EXTRAS No Extras (E0) Emergency Kit (E1)
SOUL MINI IP65 (SOUL MINI 65)								
SOUL MINI IP65 DEEP (SOUL MINI 65 DEEP)								

*Beam angle only for DEEP version.

** Inner Case applicable only for DEEP versions.

*** Applicable only for SOUL IP65/SOUL IP65 DEEP
**** Emergency option and battery replacement accessibility of the emergency kit should be considered as the kit does not pass through the luminaire cutoff. Emergency option can be applied to 2-5 luminaires depending on the driver.



Ordering Code Example: SOUL MINI DEEP RD ST4-30C-80-38-WB-DL-100

SOUL DEEP LL

Model	Outer Trim	Luminaire Colour:	Lamp Holder	Accessories
SOUL DEEP LL (SOUL DEEP LL)	Round (RD) Square (SQ)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	(XXX) COVER Standard (D1) Honeycomb (H1) Linear Spread (L1) Softening Lens (S1)
SOUL ADJ DEEP LL (SOUL A DEEP LL)				IP RATE IP20 (I0) IP54 (I1) IP65* (I2)
SOUL IP65 DEEP LL (SOUL 65 DEEP LL)				



* Applicable only for SOUL IP65 DEEP

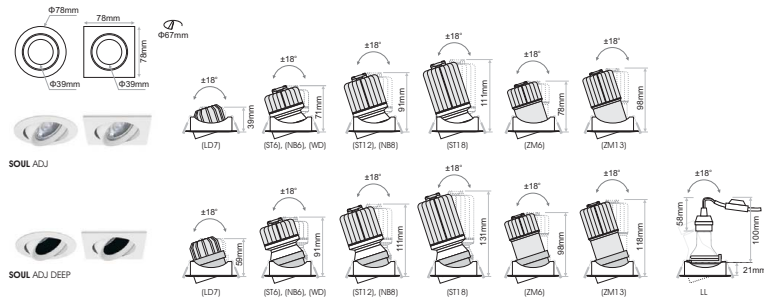
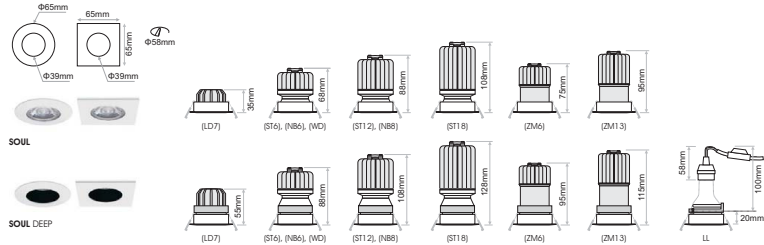
Ordering Code Example: SOUL A DEEP LL RD WW G1-10



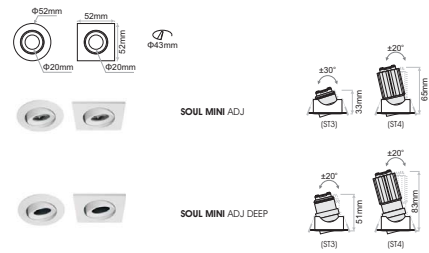
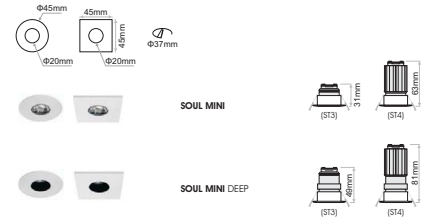
SOUL Series



SOUL



SOUL MINI



SOUL Series



SOUL

LD7

SOUL / SOUL ADJ
LOR 0.67 / 0.58



SOUL DEEP BL / SOUL ADJ DEEP WH
LOR 0.46 / 0.49



ST6 / ST12 / ST18 / WD

SOUL / SOUL ADJ

LOR 0.79 / 0.71



LOR 0.87 / 0.77



LOR 0.83 / 0.80



SOUL DEEP BL / SOUL ADJ DEEP WH

LOR 0.62 / 0.51



LOR 0.53 / 0.57



LOR 0.40 / 0.37



NB6 / NB8

SOUL / SOUL ADJ

LOR 0.87



SOUL DEEP BL / SOUL ADJ DEEP BL

LOR 0.74



ZM6 / ZM13

SOUL / SOUL ADJ

LOR 0.61



LOR 0.60



SOUL DEEP BL / SOUL ADJ DEEP BL

LOR 0.53



LOR 0.52



SOUL MINI

ST3 / ST4

SOUL MINI / SOUL MINI ADJ

LOR 0.82 / 0.76



LOR 0.84 / 0.81



LOR 0.74 / 0.72



SOUL MINI DEEP BL / SOUL MINI ADJ DEEP WH

LOR 0.60 / 0.62



LOR 0.60 / 0.60



LOR 0.50 / 0.57

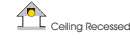


Alla Resort & Spa, Rhodes, Greece

HIDE RC Series



- HIDE & HIDE MINI is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- HIDE DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



HIDE RC Series

HIDE

RC Round



RC Square



RC Square Double



DEEP RC Round



DEEP RC Square



DEEP RC Square Double



HIDE MINI

RC Round



RC Square



DEEP RC Round



DEEP RC Square



HIDE RC Series



HIDE



Name	Shape	Model Watt per LED	CCT	CRIB0, CRIP0 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
80 (80) 90 (90)								
HIDE RC <i>(HIDE RC)</i>	Round <i>(RD)</i>	Low Depth 7W <i>(LD7)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930lm 960lm 1020lm 1020lm	762lm 792lm 840lm 840lm	30° (30) DEEP* 27° (27)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
HIDE RC DEEP <i>(HIDE RC DEEP)</i>	Square <i>(SQ)</i>	Standard 6.2W <i>(S6)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 713lm 760lm 736lm	568lm 608lm 650lm 704lm	19° (19) 35° (35) 50° (50) DEEP* 17° (17) 30° (30) 37° (37)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
	Square Double <i>(SOD)</i>	Standard 12.2W <i>(ST12)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590lm 1710lm 1830lm 1710lm	1380lm 1485lm 1590lm 1590lm	19° (19) 35° (35) 50° (50) DEEP* 17° (17) 30° (30) 37° (37)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
		Standard 18W <i>(ST18)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067lm 2223lm 2379lm 2223lm	1794lm 1931lm 2067lm 2067lm	19° (19) 35° (35) 50° (50) DEEP* 17° (17) 30° (30) 37° (37)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
		Narrow Beam 6W <i>(NB6)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616lm 616lm 665lm 714lm	497lm 532lm 574lm 616lm	9° (09)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
		Narrow Beam 8W <i>(NB8)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792lm 792lm 855lm 918lm	639lm 684lm 738lm 792lm	12° (12)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
		Zoom 6.4W <i>(ZM6)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 713lm 760lm 736lm	568lm 608lm 650lm 704lm	22°-50° <i>(2250)</i>	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
		Zoom 13W <i>(ZM13)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306lm 1360lm 1435lm 1453lm	1098lm 1150lm 1236lm 1236lm	22°-50° <i>(2250)</i>	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
		Warm Dimming 0.2-6W <i>(WD)</i>	1800K-3000K <i>(1830B)</i>	636lm 518lm	518lm	19° (19) 35° (35) 50° (50) DEEP* 17° (17) 30° (30) 37° (37)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)

*Beam angle only for DEEP version.

** The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example:
HIDE RC-RD-ST18-30C-80-35-WWW-DL-100



HIDE RC Series

HIDE MINI



Name	Shape	Model	CCT	CRIB0, CRIP0 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
80 (80) 90 (90)								
HIDE MINI RC <i>(HIDE MINI RC)</i>	Round <i>(RD)</i>	Standard 3W <i>(ST3)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	396lm 396lm 428lm 428lm	320lm 342lm 369lm 396lm	27° (27) 35° (35) 47° (47) DEEP* 25° (25) 30° (30) 38° (38)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
HIDE MINI RC DEEP <i>(HIDE MINI RC DEEP)</i>	Square <i>(SQ)</i>	Standard 4.3W <i>(ST4)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	528lm 528lm 570lm 528lm	426lm 456lm 492lm 528lm	27° (27) 35° (35) 47° (47) DEEP* 25° (25) 30° (30) 38° (38)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)

*Beam angle only for DEEP version.

** Inner Case applicable only for DEEP versions.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example:
HIDE MINI RC DEEP-RD-ST4-30C-80-38-WWW-DL-100

HIDE DEEP LL



Model	Shape	Luminaire Colour	Lamp Holder	Accessories
HIDE RC DEEP LL <i>(HIDE RC DEEP LL)</i>	Round <i>(RD)</i> Square <i>(SQ)</i> Square Double <i>(SOD)</i>	OUTER White (W) Black (B) INNER White (W) Black (B) DEEP White (W) Black (B)	GU10 (max 7.5W) (G1)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL) IP RATE IP20 (I1) IP54 (I1)



Ordering Code Example:
HIDE RC DEEP LL-RD-WWW-G1-10



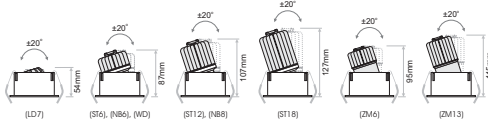
HIDE RC Series



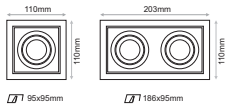
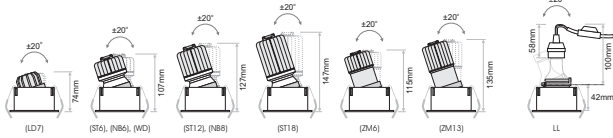
HIDE



HIDE RC Round



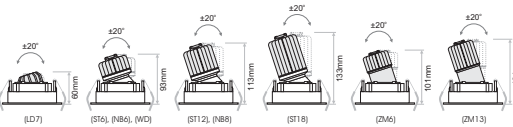
HIDE DEEP RC Round



□ 7 95x95mm

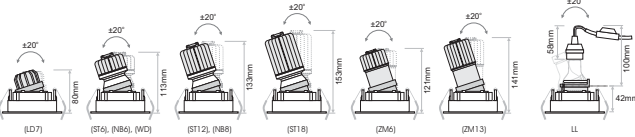
□ 7 186x95mm

HIDE RC Square



HIDE RC Square Double

HIDE DEEP RC Square

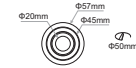


HIDE DEEP RC Square Double

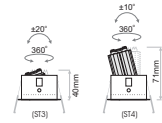


HIDE RC Series

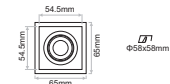
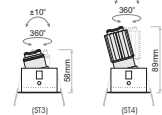
HIDE MINI



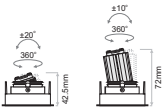
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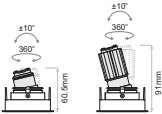
HIDE MINI DEEP RC Round



HIDE MINI RC Square



HIDE MINI DEEP RC Square

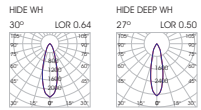


HIDE RC Series

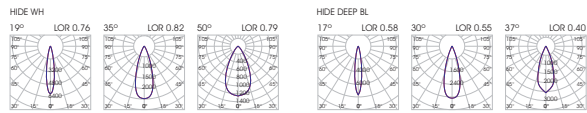


HIDE

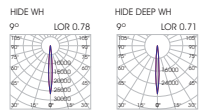
LD7



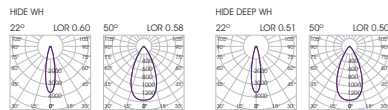
ST6/ ST12/ ST18/ WD



NB6/ NB8

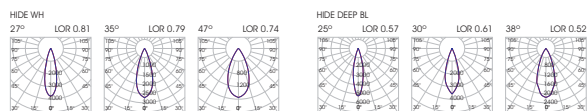


ZM6/ ZM13



HIDE MINI

ST3 / ST4



Aika Resort & Spa, Rhodes, Greece

SANTI Series



- SANTI and SANTI MINI is a series of elegant recessed downlights with extra small trim.
- It is available either round or square.
- SANTI is also available in wash version.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- SANTI DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Available in black or white as standard but custom colours also available upon request.
- Luminaire outer trim material: aluminium.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



SANTI Series

SANTI



SANTI MINI





SANTI



Name	Shape*	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
80 (80) 90 (90)								
SANTI (SANTI)	Round (RD)	Low Depth 7W (LD7)	2700K (27C)	930lm	762lm	30° (30)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
	3000K (30C)		960lm	792lm				
	4000K (40C)		1020lm	840lm				
SANTI ADJ (SANTI A)	Square (SQ)		5000K (50C)	1020lm	840lm			COVER (XXX) Standard Honeycomb (01) Linear Spread (21) Softening Lens (31) IP RATE IP20 (10) IP54 (11) EXTRAS No Extras (00) Emergency Kit (11)
SANTI WASH (SANTI W)	Standard 6.2W (ST6)	2700K (27C)	704lm	568lm	19° (19)			
		3000K (30C)	713lm	608lm	35° (35)			
		4000K (40C)	760lm	656lm	50° (50)			
	Standard 12.2W (ST12)	2700K (27C)	1590lm	1380lm	17° (17)			
		3000K (30C)	1710lm	1485lm	23° (23)			
		4000K (40C)	1830lm	1590lm	32° (32)			
	Standard 18W (ST18)	2700K (27C)	2067lm	1794lm				
		3000K (30C)	2223lm	1931lm				
		4000K (40C)	2379lm	2067lm				
		5000K (50C)	2223lm	2067lm				
Narrow Beam 6W (NB6)	2700K (27C)	3000K (30C)	616lm	497lm	9° (09)			
		4000K (40C)	665lm	574lm				
		5000K (50C)	714lm	616lm				
Narrow Beam 8W (NB8)	2700K (27C)	3000K (30C)	792lm	639lm				
		4000K (40C)	855lm	738lm				
		5000K (50C)	918lm	792lm				
Zoom 6.4W (ZM6)	2700K (27C)	3000K (30C)	704lm	568lm	22°-50° (2250)			
		4000K (40C)	713lm	608lm				
		4000K (40C)	760lm	656lm				
		5000K (50C)	736lm	704lm				
Zoom 13W (ZM13)	2700K (27C)	3000K (30C)	1306lm	1098lm				
		4000K (40C)	1435lm	1236lm				
		5000K (50C)	1453lm	1236lm				
Warm Dimming 0.2-6W (WD)	1800K-3000K (1830B)	90 (90)	636lm	518lm	19° (19) 35° (35) 50° (50)			
		95 (95)						
		17° (17) 23° (23) 32° (32)						
						Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)		



* SANTI only available in round shape.
** Beam angle only for WASH version.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
SANTI W-RD-ST18-30C-80-32-WH-DL-100



SANTI MINI



Name	Shape	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
80 (80) 90 (90)								
SANTI MINI (SANTI MINI)	Round (RD)	Standard 3W (ST3)	2700K (27C)	399lm	320lm	27° (27) 35° (35) 47° (47)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)
	3000K (30C)		396lm	342lm				
	4000K (40C)		428lm	369lm				
Square (SQ)		5000K (50C)	428lm	396lm				COVER (XXX) Standard Honeycomb (01) Linear Spread (21) Softening Lens (31) IP RATE IP20 (10) IP54 (11) EXTRAS No Extras (00) Emergency Kit (11)
Standard 4.3W (ST4)	2700K (27C)	528lm	426lm					
	3000K (30C)	528lm	456lm					
	4000K (40C)	570lm	492lm					
	5000K (50C)	570lm	528lm					

* The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example:
SANTI MINI-RD-ST4-30C-80-35-WH-DL-100

SANTI DEEP LL



Model	Outer Trim	Luminaire Colour:	Lamp Holder	Accessories
SANTI DEEP LL (SANTI DEEP LL)	Round (RD)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	COVER (XX) Standard (01) Honeycomb (11) Linear Spread (21) Softening Lens (31) IP RATE IP20 (10) IP54 (11)
SANTI ADJ DEEP LL (SANTI A DEEP LL)	Square (SQ)			
SANTI WASH DEEP LL (SANTI W DEEP LL)				



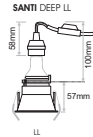
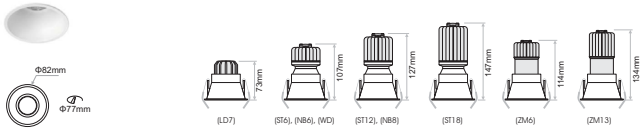
Ordering Code Example:
SANTI A DEEP LL-RD-WW-G1-10



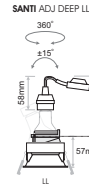
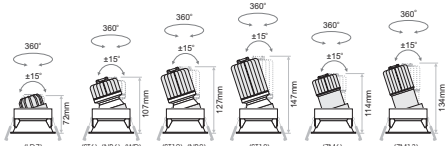
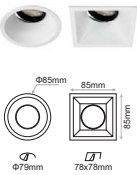


SANTI

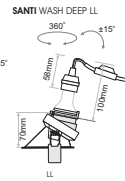
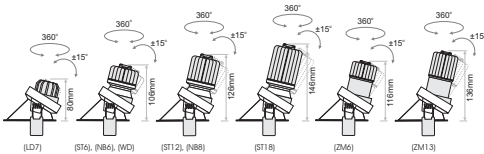
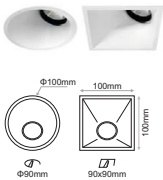
SANTI



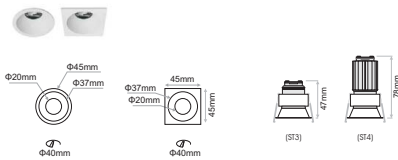
SANTI ADJ



SANTI WASH

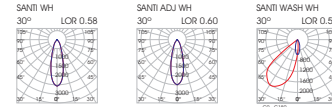


SANTI MINI

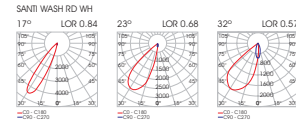
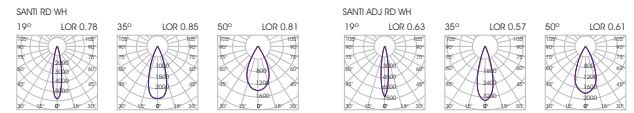


SANTI

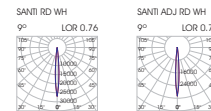
LD7



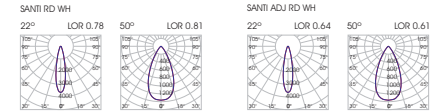
ST6/ ST12/ ST18/ WD



NB6/ NB8

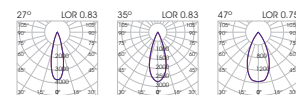


ZM6/ ZM13



SANTI MINI

ST3 / ST4





Golden Yachts - Yacht OPARI

WHISPER RC Series



- Whisper is a high aesthetically downlight available recessed or trimless.
- It is available either round or square.
- WHISPER DEEP version is also available for LED lamps.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



RC



ADJ



WHISPER RC Series



Name	Shape*	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour: Trim/Inner Case	Dimming Option	Accessories	
				80 (80) 90 (90)					
WHISPER RC (WHISPER RC)	Round (RD)	Low Depth 7W (LD7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930mm 960mm 1020mm 1020mm	762mm 792mm 840mm 840mm	30° (30)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DA) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER (CO) Standard (ST) [CO] Honeycomb (HC) [CO] Linear Spread (LS) [CO] Softening Lens (SL) [CO] IP RATE (IR) IP20 (IP20) [IR] IP54 (IP54) [IR] EXTRAS (EX) No Extras (NE) [EX] Emergency Kit (EK) [EX]
	Square (SQ)	Standard 6.2W (ST6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 713mm 760mm 736mm	568mm 608mm 656mm 704mm	18° (18) 37° (37) 52° (52)			
			Standard 12.2W (ST12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590mm 1710mm 1830mm 1710mm	1380mm 1485mm 1590mm 1590mm			
Standard 18W (ST18)				2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067mm 2223mm 2379mm 2223mm	1794mm 1931mm 2067mm 2067mm			
	Narrow Beam 6W (NB6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)		616mm 616mm 665mm 714mm	497mm 532mm 574mm 616mm	9° (09)			
		Narrow Beam 8W (NB8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792mm 792mm 855mm 918mm	639mm 684mm 738mm 792mm				
Zoom 6.4W (ZM6)			2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 713mm 760mm 736mm	568mm 608mm 656mm 704mm	22°-50° (22/50)			
	Zoom 13W (ZM13)		2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306mm 1360mm 1435mm 1453mm	1098mm 1150mm 1236mm 1236mm				
		Warm Dimming 0.2-6W (WD)	1800K-3000K (18308)	636mm	518mm	18° (18) 37° (37) 52° (52)	Analogue (1-10V) (A1) DALI (DA) Phase Cut (PC) Wireless*** (WL)		

* WHISPER ADJ only available in round shape
** The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example:
WHISPER-RC-RD-ST18-30C-80-37-WW-DL-100



WHISPER RC Series

WHISPER DEEP LL

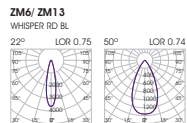
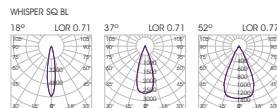
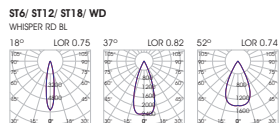
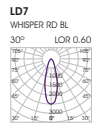


Model	Shape*	Luminaire Colour:	Lamp Holder	Accessories
WHISPER RC DEEP LL <i>(WHISPER RC DEEP LL)</i>	Round (RD) Square (SQ)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G-1)	[XX] COVER Standard (1) Honeycomb (1) Linear Spread (2) Softening Lens (3) # RATE IP20 (1) IP54 (1)



* WHISPER ADJ DEEP Retrofit only available in round shape

Ordering Code Example:
WHISPER RC DEEP LL-RD-WW-G-1-10

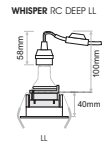
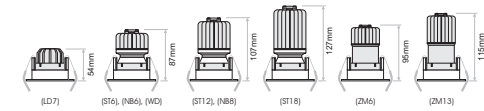


Ceiling Recessed

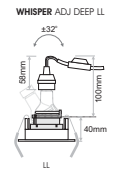
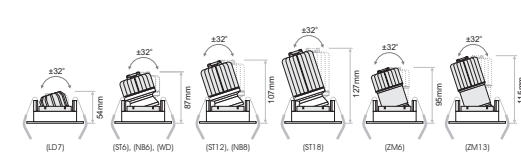
Ceiling Recessed

WHISPER RC Series

WHISPER RC



WHISPER ADJ



CRUSH RC Series



- Crush is a downlight available either recessed or trimless.
- It is available in square form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaires outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



CRUSH RC Series



CRUSH

Name	Model	Watt per LED	CCT	CR180, CR190 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories	
				80 (80) 90 (90)					
CRUSH RC (CRUSH RC)	Low Depth 7W (LD7)	2700K (27C)	930mm	762mm	30° (30)	White (WH)	Without Driver (00)	COVER Standard (000) Honeycomb (100) Linear Spread (200) Softening Lens (300) IP RATE IP20 (100) IP54 (100) EXTRAS No Extras (000) Emergency Kit (000)	
		3000K (30C)	960mm	792mm		Black (BL)	Analogue (1-10V) (A1)		
		4000K (40C)	1020mm	840mm		DMX (DX)	DALI (DL)		
		5000K (50C)	1020mm	840mm		Push Button (PB)	Phase Cut (PC)		Wireless* (WL)
CRUSH RC Double (CRUSH RC DB)	Standard 6.2W (ST6)	2700K (27C)	704mm	568mm	19° (19)				
		3000K (30C)	713mm	608mm					35° (35)
		4000K (40C)	760mm	656mm					50° (50)
	Standard 12.2W (ST12)	2700K (27C)	1590mm	1380mm					
		3000K (30C)	1710mm	1485mm					
		4000K (40C)	1830mm	1590mm					
	Standard 18W (ST18)	2700K (27C)	2067mm	1794mm					
		3000K (30C)	2223mm	1931mm					
		4000K (40C)	2379mm	2067mm					
	Narrow Beam 6W (NB6)	2700K (27C)	616mm	497mm	9° (09)				
		3000K (30C)	616mm	532mm					
		4000K (40C)	665mm	574mm					
Narrow Beam 8W (NB8)	2700K (27C)	792mm	639mm						
	3000K (30C)	792mm	684mm						
	4000K (40C)	855mm	738mm						
Zoom 6.4W (ZM6)	2700K (27C)	704mm	568mm	22°-50° (2250)					
	3000K (30C)	713mm	608mm						
	4000K (40C)	760mm	656mm						
Zoom 13W (ZM13)	2700K (27C)	1306mm	1098mm						
	3000K (30C)	1360mm	1150mm						
	4000K (40C)	1435mm	1236mm						
Warm Dimming 0.2-6W (WD)				90 (90) 95 (95)	19° (19) 35° (35) 50° (50)				
	1800K-3000K (18308)	636mm	518mm						

* The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example:
CRUSH RC-ST18-30C-80-50-WH-DL-100





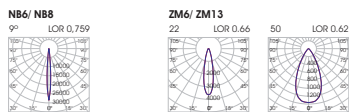
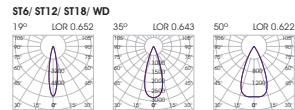
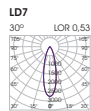
CRUSH LL

IP20 IP54

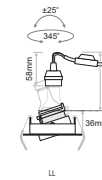
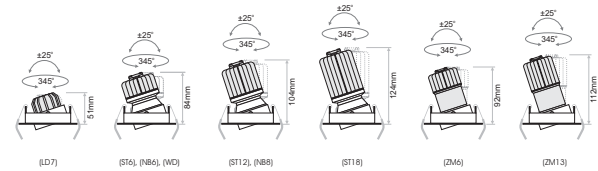
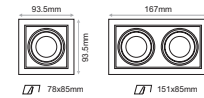
Model	Luminaire Colour:	Lamp Holder	Accessories
CRUSH RC LL <small>(CRUSH RC LL)</small>	White/White (WW) White/Black (WB) Black/Black (BB)	GU10 (max 7.5W) (G1)	COVER Standard (0) Honeycomb (1) Linear Spread (2) Softening Lens (3)
CRUSH RC Double LL <small>(CRUSH RC DB LL)</small>	Black/Black (BB) Black/White (BW)		IP RATE IP20 (10) IP54 (11)



Ordering Code Example:
CRUSH RC LL-WW-G1-10



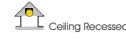
CRUSH RC
CRUSH RC Double



POT Series



- POT is a recessed adjustable downlight.
- Luminaire outer trim material: aluminium.
- Outer trim available in black, or white as standard but custom colours also available upon request.
- POT DEEP version is also available for LED lamps.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (race only).



POT Series



Name	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)				
POT (POT)	Low Depth 7W (LD7)	2700K (27C)	930lm 762mm	31°x35° (35)	White (WH) Black (BK)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (00) Honeycomb (10) Linear Spread (20) Softening Lens (30)
		3000K (30C)	950lm 792mm				
		4000K (40C)	1020lm 840mm				
		5000K (50C)	1020lm 840mm				
Standard 6.2W (S16)	2700K (27C)	704lm 568mm	20°x28° (28) 32°x42° (42) 42°x50° (50)	IP RATE IP20 (P0) IP54 (P1)	EXTRAS No Extras (E0) Emergency Kit (E1)		
	3000K (30C)	713lm 608mm					
	4000K (40C)	760lm 656mm					
Standard 12.2W (S112)	2700K (27C)	1590lm 1380mm	8°x12° (12)	IP RATE IP20 (P0) IP54 (P1)	EXTRAS No Extras (E0) Emergency Kit (E1)		
	3000K (30C)	1710lm 1485mm					
	4000K (40C)	1830lm 1590mm					
Standard 18W (S118)	2700K (27C)	2067lm 1794mm	17°x23°-35°x45° (23-45)	IP RATE IP20 (P0) IP54 (P1)	EXTRAS No Extras (E0) Emergency Kit (E1)		
	3000K (30C)	2223lm 1931mm					
	4000K (40C)	2379lm 2067mm					
Narrow Beam 6W (N6S)	2700K (27C)	616lm 497mm	17°x23°-35°x45° (23-45)	IP RATE IP20 (P0) IP54 (P1)	EXTRAS No Extras (E0) Emergency Kit (E1)		
	3000K (30C)	616lm 532mm					
	4000K (40C)	655lm 574mm					
Narrow Beam 8W (N8S)	2700K (27C)	792lm 639mm	17°x23°-35°x45° (23-45)	IP RATE IP20 (P0) IP54 (P1)	EXTRAS No Extras (E0) Emergency Kit (E1)		
	3000K (30C)	792lm 684mm					
	4000K (40C)	855lm 738mm					
Zoom 6.4W (Z6.4)	2700K (27C)	704lm 568mm	17°x23°-35°x45° (23-45)	IP RATE IP20 (P0) IP54 (P1)	EXTRAS No Extras (E0) Emergency Kit (E1)		
	3000K (30C)	713lm 608mm					
	4000K (40C)	760lm 656mm					
Zoom 13W (Z1.13)	2700K (27C)	1364lm 1098mm	17°x23°-35°x45° (23-45)	IP RATE IP20 (P0) IP54 (P1)	EXTRAS No Extras (E0) Emergency Kit (E1)		
	3000K (30C)	1360lm 1150mm					
	4000K (40C)	1435lm 1236mm					
Warm Dimming 0.2-6W (WD)			90 (90) 95 (95)	20°x28° (28) 32°x42° (42) 42°x50° (50)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless* (WL)		
	1800K-3000K (1830B)	636lm 518mm					

* The wireless dimming option includes driver and Bluetooth dimming accessory.



ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

Ordering Code Example:
POT-ST18-30C-80-42-WH-DL-100



POT Series



POT DEEP LL



Model	Luminaire Colour:	Lamp Holder	Accessories
POT DEEP LL <i>(POT DEEP LL)</i>	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">(XX)</div> <div style="font-size: 0.8em;"> <p>COVER</p> <ul style="list-style-type: none"> Standard (01) Honeycomb (11) Linear Spread (21) Softening Lens (31) </div> </div> <div style="margin-top: 10px;"> <p>IP RATE</p> <ul style="list-style-type: none"> IP20 (10) IP54 (11) </div>

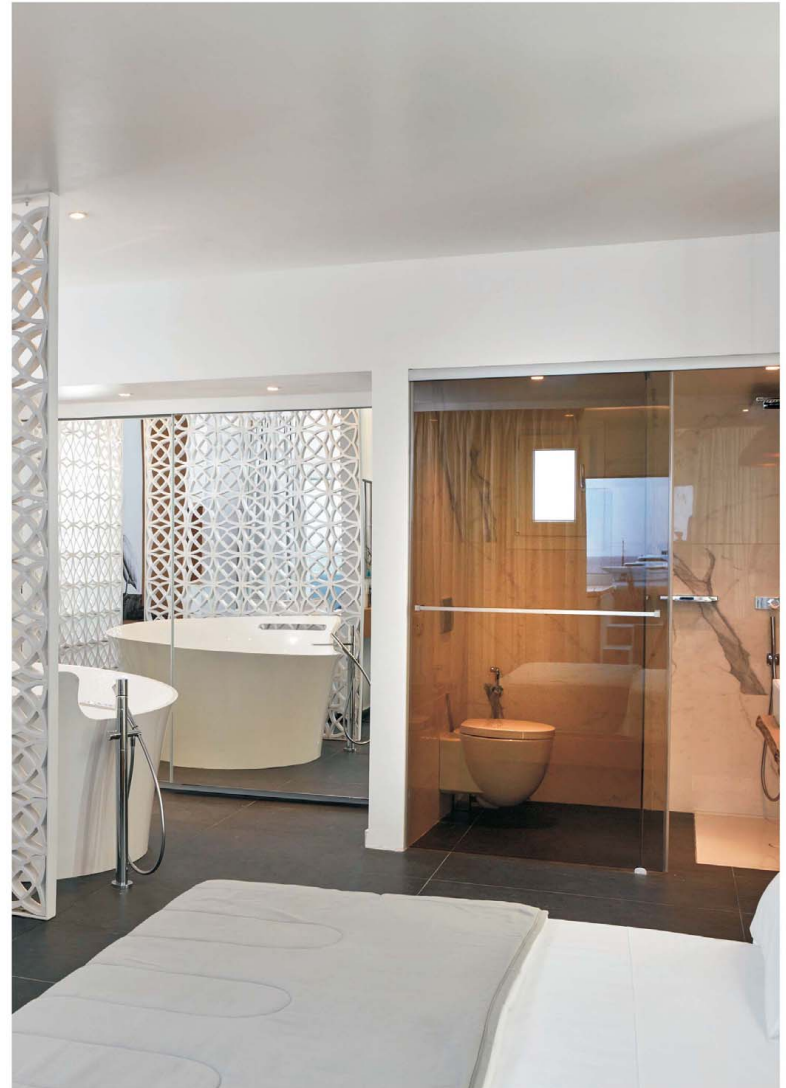
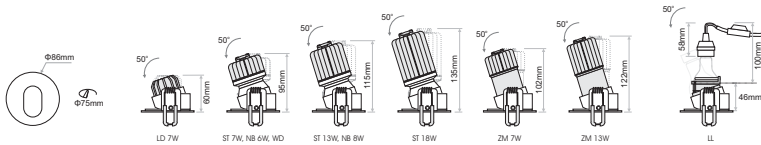
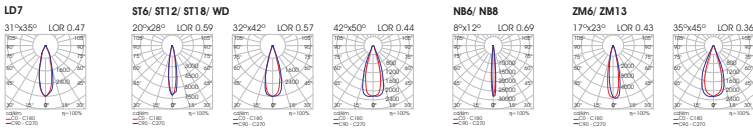


Ordering Code Example:
POT DEEP LL-WW-G1-10



ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

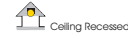
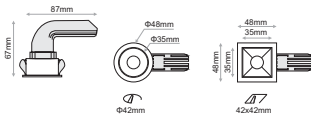
POT WH



POLAR RC



- Polar is a miniaturized downlight available either recessed or trimless.
- It is ideal in spaces with low depth ceiling due to its special design.
- It is available either round or square.
- Body material: aluminium.
- Maximum driving current: 700mA.
- System Consumption@ 700mA 10 Watt.
- Selection of IP protection: either IP40 or IP44.
- 3 SDCM
- L90/B10 5000h
- It has a low UGR ensuring visual comfort (UGR < 16).



POLAR RC

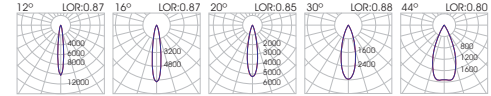


Model	LED Power	Type	IP Protection	CCT	CR80, CR90 LED Source	Beam Angle	Type	Colour*: Outer / Inner trim	Dimming Option
					80 (B0) 90 (P0)				
POLAR Recessed (POLAR RC)	8.2W (B)	Round (R2)	IP40 (A2)	2700K (27C)	792lm	639lm	12° (A)	White/White (WH)	Without Driver (OD)
		Square (SQ)	IP44 (A4)	3000K (30C)	792lm	684lm	16° (A)	White/Black (WB)	Non Dimmable (ND)
				3500K (35C)	855lm	684lm	20° (A)	Black/Black (BB)	Phase Cut Dimmable (PC)
				4000K (40C)	855lm	738lm	30° (A)	Black/White (BW)	
				5000K (50C)	918lm	792lm	44° (A)		

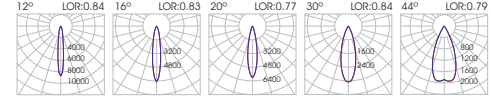
* Outer trim custom colours available upon request.

Ordering Code Example:
POLAR RC-8-RD-44-30C-80-NR-FX-WB-PC

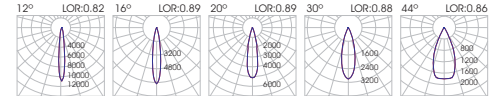
Round White



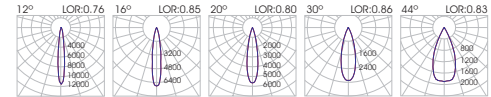
Round Black



Square White



Square Black



MANI

- MANI is a downlight available in round & square.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR < 10 for black colour)



Ceiling Recessed

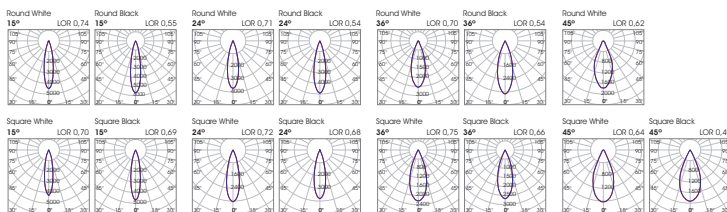
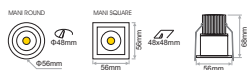


LIGHTSOURCE BY
bridgelux

Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle**	Colour	Dimming Option	Accessories
MANI Round (MANI R)	6.1W (03)	2700K (27B)	CR80	Fixed (FX)	80 (80)	15° (15)	White (WH)	Without Driver (00)	COVER Standard (01)
		3000K (30B)	CR90			24° (24)	Black (BL)	Non Dimmable (ND)	
MANI Square (MANI S)	8.9W (09)	2700K (27B)	CR80	Fixed (FX)	80 (80)	15° (15)	White (WH)	Without Driver (00)	COVER Standard (01)
		3000K (30B)	CR90			24° (24)	Black (BL)	Non Dimmable (ND)	
		4000K (40B)	CR80			36° (36)		Analogue (1-10V) (A1)	EXTRAS No Extras (10) Emergency Kit (14)
		4000K (40B)	CR90			45° (45)		DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** 45° not available in Black colour for MANI ROUND.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MANI R09-40B-FX-80-36-WH-DL-00



Ceiling Recessed

- Nordia is an outdoor recessed downlight available either round or square.
- Nordia is also available in antiglare version in Black and White colour.
- Body material: aluminium.
- Film material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Power cable H05RN-F 2x0.75mm² L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- UGR < 19 (6°, 15°, 30°, 46°)
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rating: IK07



NORDIA

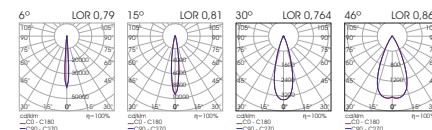
CREE LEDs

IP67

Model	Power	CCT	CR80, CR90 LED Source	Beam Angle	Shape	Type	Colour*	Dimming Option	Accessories	
NORDIA (NORDIA)	4.1W (4)	2700K (27C)	440lm	355lm	6° (06)	Round (RD) Square (SQ)	Fixed (FX)	White (WH) Black (BL) Stainless (SS) Steel	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	COVER Standard (01) Honeycomb (02) Softening lens (03) Line spread lens (04) EXTRAS No Extras (10) Emergency Kit (14)
			440lm	380lm						
			475lm	410lm						
			5000K (50C)	410lm						
	6.5W (7)	2700K (27C)	713lm	570lm	15° (15) 30° (30) 46° (46)					
			713lm	615lm						
			765lm	660lm						
			765lm	713lm						

* Other RAL finishes available on request.

Ordering Code Example: NORDIA 7-30C-90-46-RD-FX-SS-00-10



NORDIA WASH



- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable HOSRN-F 2x0,75mm² L= 1m
- Cable outer diameter: 6,5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- 3 SDICN
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



Model	Power	CCT	CRI80, CRI90 LED Source		Beam Angle	Shape	Type	Colour*	Dimming Option	Extras
			80 (80)	90 (90)						
NORDIA WASH (NORDIA W)	4.1W (4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	440lm 440lm 475lm 410lm	355lm 380lm 410m 440m	Asymetric (AS) 27°x42°	Round (RD) Square (SQ)	Fixed (FX)	White (WH) Black (BL) Stainless (SS) Steel	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	No Extras (0) Emergency Kit (1)

* Other RAL finishes available on request.

Ordering Code Example: NORDIA W4-30C-90-AS-RD-FX-SS-00-0



NORDIA DF (Diffused)



- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable HOSRN-F 2x0,75mm² L= 1m
- Cable outer diameter: 6,5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- Ingress Protection: IP67
- IK Rate: IK07



Model	Power	CCT	CRI80 LED Source	Beam Angle	Shape	Type	Colour*	Dimming Option	Extras
			80 (80)						
NORDIA DIFFUSED (NORDIA DF)	2.1W (2)	2700K (27B) 3000K (30B) 4000K (40B)	261lm 271lm 286lm	Diffused (DF)	Round (RD) Square (SQ)	Fixed (FX)	White (WH) Black (BL) Stainless (SS) Steel	Without Driver (00) 24VDC Non Dimmable (24ND) 230V Phase Cut (230PC)	No Extras (0) Emergency Kit (1)

* Other RAL finishes available on request.

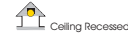
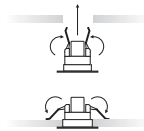
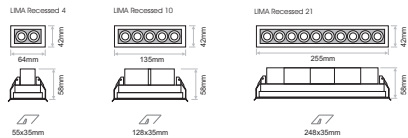
Ordering Code Example: NORDIA DF2-30B-80-DF-SQ-FX-SS-00-0



LIMA RC



- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<1.6 /black mask, UGR<1.9 /white mask).
- Constant current
- Indoor use: IP40



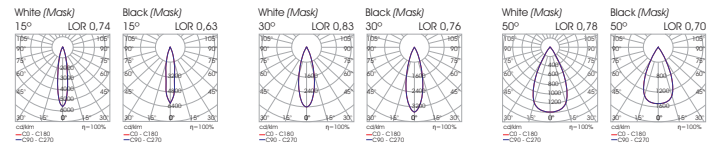
LIMA RC

CREE LED⁺ IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80)	90 (90)					
LIMA 4W Recessed <i>(LIMA 4 RC)</i>	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15) 30° (30) 50° (50)	White/White (WW)	Without Driver (D0)	COVER Standard (O1) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)
	3000K (30C)	528lm	494lm			White/Black (WB)	Non Dimmable (ND)	
	4000K (40C)	562lm	528lm			Black/Black (BB)	Analogue (1-10V) (A1)	
	6500K (65C)	592lm	-			Black/White (BW)	DMX (DX)	
LIMA 10W Recessed <i>(LIMA 10 RC)</i>	2700K (27C)	1320lm	1160lm				Without Driver (D0)	EXTRAS No Extras (E0) Emergency Kit (E1)
	3000K (30C)	1320lm	1235lm			White/Black (WB)	Non Dimmable (ND)	
	4000K (40C)	1405lm	1320lm			Black/Black (BB)	Analogue (1-10V) (A1)	
	6500K (65C)	1480lm	-			Black/White (BW)	DMX (DX)	
LIMA 21W Recessed <i>(LIMA 21 RC)</i>	2700K (27C)	2640lm	2320lm				Without Driver (D0)	EXTRAS No Extras (E0) Emergency Kit (E1)
	3000K (30C)	2640lm	2470lm			White/Black (WB)	Non Dimmable (ND)	
	4000K (40C)	2810lm	2640lm			Black/Black (BB)	Analogue (1-10V) (A1)	
	6500K (65C)	2960lm	-			Black/White (BW)	DMX (DX)	

* The wireless dimming option includes driver and Bluetooth dimming accessory.

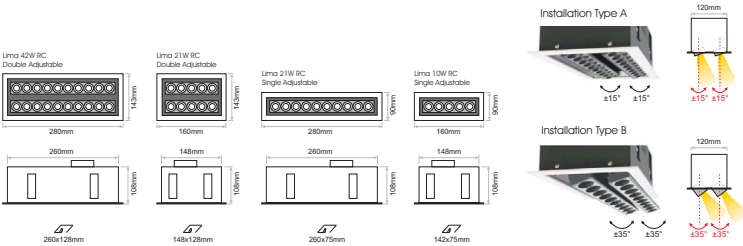
Ordering Code Example: LIMA 21 RC-30C-80-FX-30-WW-ND-00



LIMA RC ADJUSTABLE



- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- 190/810 50000h
- Low UGR (UGR<1.6 /black mask, UGR<1.9 /white mask).
- Constant current
- Indoor use: IP40



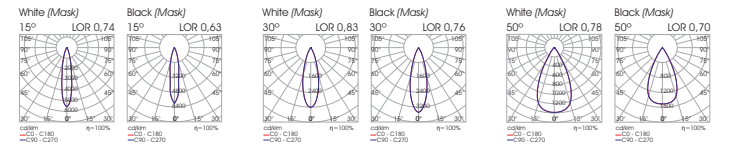
LIMA RC ADJUSTABLE



Model (LED Power)	CCT	CRI80, CRI90 LED Source	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80) 90 (90)					
LIMA 10W Recessed Single Adjustable <i>(LIMA 10 RC SA)</i>	2700K (27C)	1320lm	1160lm	Adjustable (A2)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (D0)	COVER Standard (D1) EXTRAS No Extras (E0) Emergency Kit (E1)
	3000K (30C)	1320lm	1235lm			Non Dimmable (ND)	
	4000K (40C)	1405lm	1320lm			Analogue (1-10V) (A1)	
	6500K (65C)	1480lm	-			DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WA)	
LIMA 21W Recessed Single Adjustable <i>(LIMA 21 RC SA)</i>	2700K (27C)	2640lm	2320lm			Without Driver (D0)	
	3000K (30C)	2640lm	2470lm			Non Dimmable (ND)	
	4000K (40C)	2810lm	2640lm			Analogue (1-10V) (A1)	
	6500K (65C)	2960lm	-			DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WA)	
LIMA 21W Recessed Double Adjustable <i>(LIMA 21 RC DA)</i>	2700K (27C)	2640lm	2320lm			Without Driver (D0)	
	3000K (30C)	2640lm	2470lm			Non Dimmable (ND)	
	4000K (40C)	2810lm	2640lm			Analogue (1-10V) (A1)	
	6500K (65C)	2960lm	-			DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WA)	
LIMA 42W Recessed Double Adjustable <i>(LIMA 42 RC DA)</i>	2700K (27C)	5280lm	4640lm			Without Driver (D0)	
	3000K (30C)	5280lm	4940lm			Non Dimmable (ND)	
	4000K (40C)	5620lm	5280lm			Analogue (1-10V) (A1)	
	6500K (65C)	5920lm	-			DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WA)	

* The wireless dimming option includes driver and Bluetooth dimming accessory.

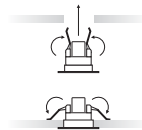
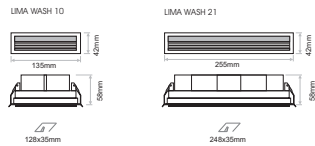
Ordering Code Example: LIMA 21 RC SA-30C-80-AD-30-WW-ND-00



LIMA WASH RC



- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and flush installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Constant current
- Indoor use: IP40



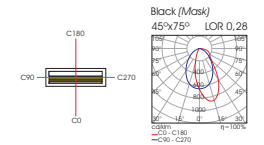
LIMA WASH RC



Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80)	90 (90)					
LIMA WASH 10W Recessed <i>(LIMA W10 RC)</i>	2700K (27C)	1320lm	1160lm	Fixed (F)	45°x75° (45)	White/Black (H8)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (W)	COVER Standard (S) EXTRAS No Extras (E0) Emergency Kit (K1)
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
LIMA WASH 21W Recessed <i>(LIMA W21 RC)</i>	2700K (27C)	2640lm	2320lm	Fixed (F)	45°x75° (45)	White/Black (H8)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (W)	COVER Standard (S) EXTRAS No Extras (E0) Emergency Kit (K1)
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA W21 RC-30C-80-FX-45-W8-ND-00



Luminaire Colour: Trim/Mask



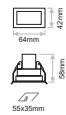
LIMA DIFFUSED RC



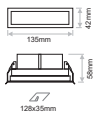
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and flush installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Constant current
- Indoor use: IP40



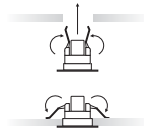
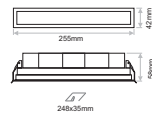
LIMA Diffused Recessed 4



LIMA Diffused Recessed 10



LIMA Diffused Recessed 21



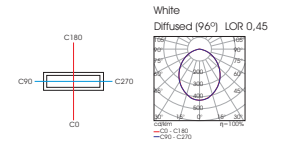
LIMA DIFFUSED RC



Model (LED Power)	CCT	C980, C990 LED Source	Type	Beam Angle	Luminaire Colour: Mask	Dimming Option	Accessories	
		80 (80) 90 (90)						
LIMA Diffused 4W Recessed (LIMA DF 4 RC)	2700K (27C)	528lm	464lm	Fixed (FX)	Diffused (DF)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (0) EXTRAS No Extras (1/0) Emergency Kit (1/1)
	3000K (30C)	528lm	494lm					
	4000K (40C)	562lm	528lm					
	6500K (65C)	592lm	-					
LIMA Diffused 10W Recessed (LIMA DF 10 RC)	2700K (27C)	1320lm	1160lm					
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
LIMA Diffused 21W Recessed (LIMA DF 21 RC)	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA DF 10 RC-30C-80-FX-DF-WH-ND-00



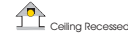
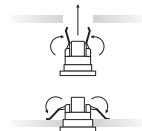
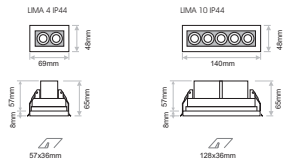
Luminaire Colour:



LIMA IP44



- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR < 16 /black mask, UGR < 19 /white mask).
- Constant current
- Ingress Protection: IP44



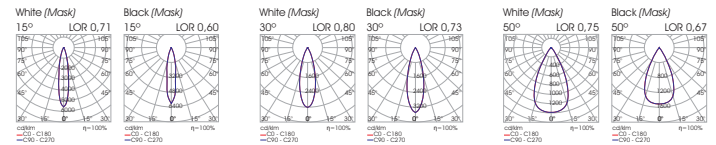
LIMA IP44



Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W IP44 Recessed <i>(LIMA 4 44RC)</i>	2700K (27C)	80 (80)	90 (90)	Fixed (FX)	15° (15) 30° (30) 50° (50)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (01) EXTRAS No Extras (E0) Emergency Kit (E1)
	3000K (30C)	528lm	45.4lm					
	4000K (40C)	528lm	49.0lm					
	6500K (65C)	528lm	-					
LIMA 10W IP44 Recessed <i>(LIMA 10 44RC)</i>	2700K (27C)	1320m	116.0m	Fixed (FX)	15° (15) 30° (30) 50° (50)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (01) EXTRAS No Extras (E0) Emergency Kit (E1)
	3000K (30C)	1320m	123.5m					
	4000K (40C)	140.5m	132.0m					
	6500K (65C)	148.0m	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

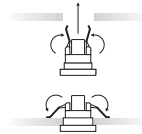
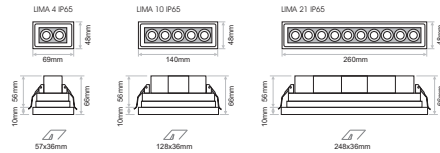
Ordering Code Example: LIMA 10 44RC-30C-80-FX-30-WW-ND-00



LIMA IP65



- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR < 16 /black mask, UGR < 19 /white mask).
- Constant current
- Ingress Protection: IP65 (face only)



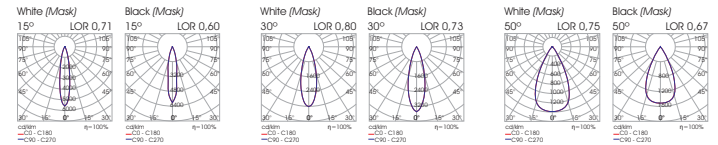
LIMA IP65

CREE LEDs IP65

Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80)	90 (90)					
LIMA 4W IP65 Recessed <small>(LIMA 4 65RC)</small>	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (00)	COVER Standard (03) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)		
	4000K (40C)	528lm	528lm		50° (50)	Black/Black (BB)		
	6500K (65C)	592lm	-			Black/White (BW)		
LIMA 10W IP65 Recessed <small>(LIMA 10 65RC)</small>	2700K (27C)	1320lm	1160lm					EXTRAS No Extras (10) Emergency Kit (11)
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
LIMA 21W IP65 Recessed <small>(LIMA 21 65RC)</small>	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

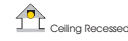
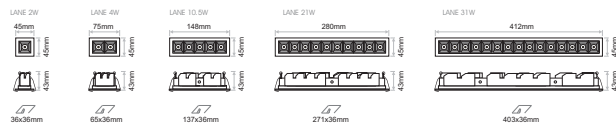
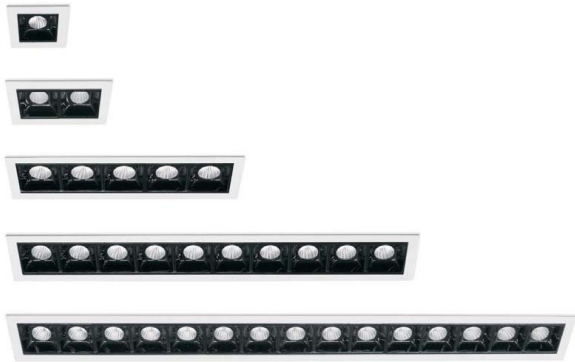
Ordering Code Example: LIMA 21 65RC-30C-80-FX-30-WW-ND-00



LANE RC



- Lane series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 5000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40



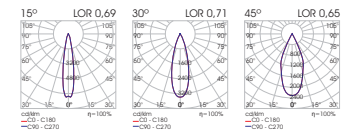
LANE RC



Model (LED Power)	CCT	CR80 LED Source	CR90 LED Source	Type	Beam Angle	Luminaire Colour: Tm	Dimming Option	Accessories
		80 (80)	90 (90)					
LANE 2W Recessed (LANE 2 RC)	2700K (27C)	264lm	232lm	Fixed (FX)	15° (15)	White (WH)	Without Driver (D0)	EXTRAS No Extras (E0) Emergency Kit (E1)
	3000K (30C)	264lm	247lm		30° (30)	Black (BL)	Non Dimmable (ND)	
	4000K (40C)	281lm	264lm		45° (45)	Analogue (1-10V) (A1)	DMX (DX)	
	6500K (65C)	296lm	-			DALI (DL)		
LANE 4W Recessed (LANE 4 RC)	2700K (27C)	528lm	454lm				Push Button (PB)	Wireless* (WL)
	3000K (30C)	528lm	494lm			Phase Cut (PC)		
	4000K (40C)	562lm	528lm					
	6500K (65C)	592lm	-					
LANE 10W Recessed (LANE 10 RC)	2700K (27C)	1320lm	1160lm					
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
LANE 21W Recessed (LANE 21 RC)	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					
LANE 31W Recessed (LANE 31 RC)	2700K (27C)	3960lm	3480lm					
	3000K (30C)	3960lm	3705lm					
	4000K (40C)	4215lm	3960lm					
	6500K (65C)	4440lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LANE 21 RC-30C-80-FX-30-WH-ND-00



LANE 21 RC ADJ



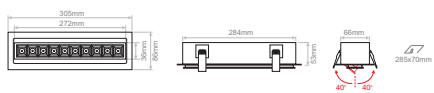
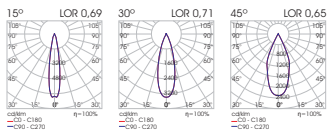
- Lane series is a complete series of die cast aluminium luminaires.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R.G.B.A.
- 3 SDCM
- L90B10 50000h
- Low UGR (UGR < 16 /black mask, UGR < 19 /white mask).
- Constant current
- Indoor use: IP40



Model	LED Power	CCT	CR80, CR90 LED Source	Beam Angle	Type	Luminaire Colour: Tem	Dimming Option	Accessories
			80 (80) 90 (90)					
LANE Recessed Adjustable (LANE RCA)	21W (21)	2700K (27C)	2640lm	2320lm	15° (15)	White (WH)	Without Driver (00)	EXTRAS No Extras (0) Emergency Kit (1)
		3000K (30C)	2640lm	2470lm	30° (30)	Black (BL)	Non Dimmable (ND)	
		4000K (40C)	2810lm	2640lm	45° (45)	Analogue (1-10V) (A1)	DAK (DA)	
		6500K (65C)	2960lm	-		DALI (DL)	Push Button (PB)	
							Phase Cut (PC)	
							Wireless*	

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LANE RCA-21-30C-80-30-AD-WH-ND-0

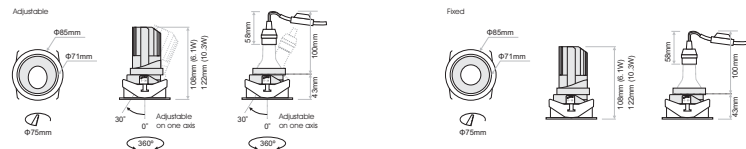


a12 Showroom, Athens, Greece
Architect: Nikos Giros

FOCUS RC



- Focus is a series of recessed downlights.
- Offered with IP44 (face only) LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Outer ring offered in white or black colour, inner ring available in white, black, gold or silver colour.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<10)



FOCUS RC



Name	Model (LED Power)	CCT*	CR80, CR90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 [30]	90 [90]					
FOCUS Recessed <i>(FOCUS RC)</i>	6.1W <i>(6)</i>	2700K (278)	812mm	677mm	18° (18)	Adjustable (AD)	Trim White (W) Black (B)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra Emergency Kit (E1)
		3000K (308)	845mm	705mm	24° (24)	Fixed (FX)			
		4000K (408)	879mm	733mm	32° (32) 48° (48)				
	10.3W <i>(10)</i>	2700K (278)	1379mm	1138mm			Inner White (W) Black (B) Gold (G) Silver (S)		
	3000K (308)	1435mm	1180mm						
	4000K (408)	1479mm	1265mm						
				95 (P5)					
	Warm Dimming 6.1W <i>(WD)</i>	1800K-3000K (18308)	518mm					Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)	

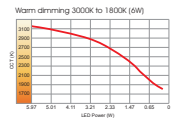
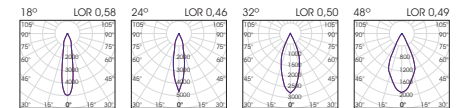
* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: FOCUS RC-6-308-90-32-AD-WB-00-00

Model	Type	Luminaire Colour	Lamp Holder
FOCUS Recessed LL <i>(FOCUS RC LL)</i>	Adjustable (AD) Fixed (FX)	Trim White (W) Black (B) Inner White (W) Black (B) Gold (G) Silver (S)	GU10 (max 7.5W) (G1)

Lamp Not included

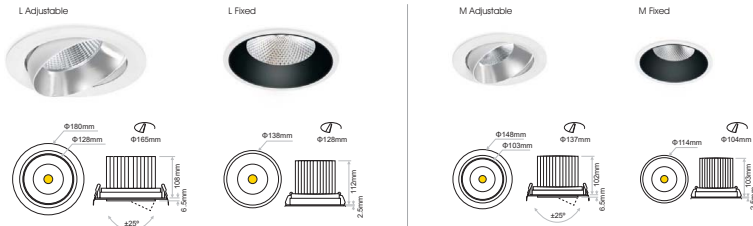
Ordering Code Example: FOCUS RC LL-FX-WH-BL-G1



ERIS



- ERIS series is a recessed downlight available either fixed or adjustable.
- It is offered in four different power consumptions and in a vast variety of beam angles.
- Outer case available in white or black colour. Inner case available in white, black, silver or gold colour.
- 3 SDCM
- L90/810 50.000h



ERIS



Model	LED Power	CCT*	CRI LED Source	Beam Angle**	Type	Luminaire Colour	Dimming Option	Accessories											
			80 (80) 90 (90)																
ERIS M <i>(ERIS M)</i>	17.2W (17)	2700K (27B)	2477lm	2044lm	24° (24)	Adjustable (AD) Fixed (FX)	Outer White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	Cover Standard Honeycomb**** (H)										
		3000K (30B)	2633lm	2138lm	32° (32)														
		4000K (40B)	2710lm	2261lm	40° (40)														
		5000K (50B)	2741lm	2370lm	52° (52)														
		Warm Dimmable		95 (95)															
	24.8W (25)	2700K (27B)	3375lm	2784lm	3000K (30B)	3586lm	2911lm	3000K (30B)	3586lm	2911lm	4000K (40B)	3691lm	3080lm	5000K (50B)	3734lm	3227lm	Warm Dimmable 1800K-3000K (WD)	Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)	Extras No Extras (00) Emergency (E)
	23.9W (24)	Warm Dimmable 1800K-3000K (WD)		95 (95)	2210lm														
	29.5W (30)	RGBW (RGBW)	2075lm		40° (40) 52° (52)														
<hr/>																			
ERIS L <i>(ERIS L)</i>	32.4W (32)	2700K (27B)	4339lm	3579lm	12° (12)	Adjustable (AD) Fixed (FX)	Outer White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	Cover Standard Honeycomb**** (H)										
		3000K (30B)	4610lm	3742lm	20° (20)														
		4000K (40B)	4745lm	3950lm	30° (30)														
		5000K (50B)	4800lm	4149lm	40° (40)														
		Warm Dimmable		95 (95)															
	38.5W (39)	2700K (27B)	5062lm	4175lm	3000K (30B)	5378lm	4365lm	4000K (40B)	5535lm	4620lm	5000K (50B)	5600lm	4840lm	Warm Dimmable 1800K-3000K (WD)	Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)	Extras No Extras (00) Emergency (E)			
	30.7W (31)	Warm Dimmable 1800K-3000K (WD)		95 (95)	2840lm														
	42W (42)	RGBW (RGBW)	2695lm		40° (40) 60° (60)														

* Models with CCTs of 3500K & 6500K are available upon request.

** ERIS M: 40°/52° & ERIS L: 40°/60° are offered with glass.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.

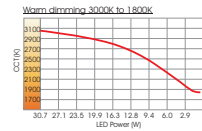
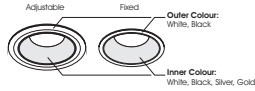
**** Honeycomb applicable only for ERIS M: 40°/52° & ERIS L: 40°/60°. Please refer to relevant polar curves for final luminaire output.

Ordering Code Example: ERIS L-32-30B-90-40-AD-WB-00-10



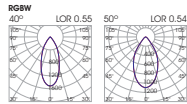
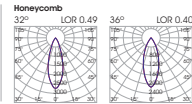
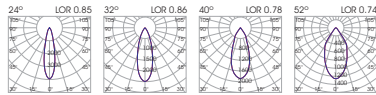
ERIS

Ceiling Recessed 



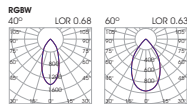
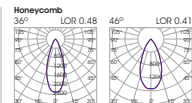
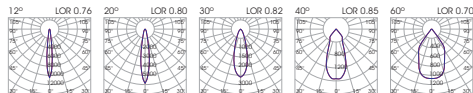
ERIS M

Inner Colour: WHITE



ERIS L

Inner Colour: WHITE



Ceiling Recessed 

MERLYN XL

- Merlyn series consists of adjustable downlights in round or square form.
- Available in 18 / 25 / 32 Watt.
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90/B10 50000h
- UGR < 10

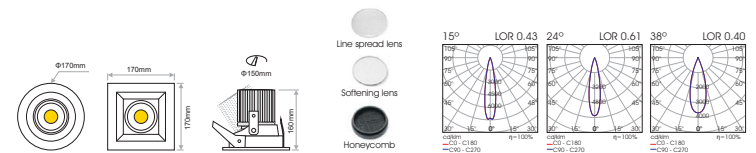


LIGHTSOURCE BY
LUMINUS (for 18W & 25W)
bridgelux (for 32W)

Model	LED Power*	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
CR95									
MERLYN XL Round <small>(MERLYN XLR)</small>	18W (18)	2700K (27L)	2000lm	Adjustable (AD)	95 (95)	24° (24)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless** (WL)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
		3000K (30L)	2145lm			38° (38)	Black (BL)		
MERLYN XL Square <small>(MERLYN XLS)</small>	25W (25)	2700K (27L)	2613lm	Adjustable (AD)	95 (95)	24° (24)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless** (WL)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
		3000K (30L)	2763lm			38° (38)	Black (BL)		
MERLYN XL Square <small>(MERLYN XLS)</small>	32W (32)	2700K (27L)	4485lm	Adjustable (AD)	95 (95)	24° (24)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless** (WL)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
		3000K (30L)	4766lm			38° (38)	Black (BL)		
CR80 CR90									
MERLYN XL Round <small>(MERLYN XLR)</small>	18W (18)	2700K (27L)	3701lm	Adjustable (AD)	95 (95)	24° (24)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless** (WL)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
		3000K (30L)	3868lm			38° (38)	Black (BL)		
MERLYN XL Square <small>(MERLYN XLS)</small>	25W (25)	2700K (27L)	4877lm	Adjustable (AD)	95 (95)	24° (24)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless** (WL)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
		3000K (30L)	4009lm			38° (38)	Black (BL)		
MERLYN XL Square <small>(MERLYN XLS)</small>	32W (32)	2700K (27L)	4926lm	Adjustable (AD)	95 (95)	24° (24)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless** (WL)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
		3000K (30L)	4289lm			38° (38)	Black (BL)		

*Lightsource by LUMINUS for 18W & 25W, and by BRIDGELUX for 32W
** The wireless dimming option includes driver and Bluetooth dimming accessory.

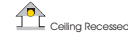
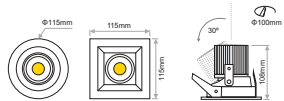
Ordering Code Example: MERLYN_XLR25-40L-AD-95-38-WH-ND-00



MERLYN



- Merlyn is a recessed adjustable downlight in round or square form.
- Available in 9/13 watt & 6/12 watt (WD).
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90/B10 50000h
- UGR<10
- IP40



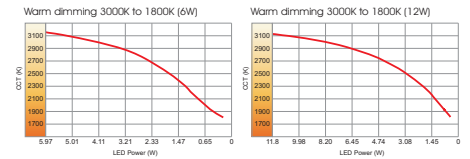
MERLYN



Model	LED Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
MERLYN Round <small>(MERLYN R)</small>	9W (09)	2700K (27L)	958lm	Adjustable (AD)	95 (95)	24° (24)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	COVER Standard (0/1) Honeycomb (1/1) Line spread (2/1) Softening lens (3/1) ↓ (XX) EXTRAS No Extras (1/0) Emergency (1/1)
		3000K (30L)	1020lm			38° (38)	Black (BL)		
		3500K (35L)	1051lm						
MERLYN Square <small>(MERLYN S)</small>	13W (13)	2700K (27L)	1252lm						
		3000K (30L)	1334lm						
		3500K (35L)	1375lm						
		4000K (40L)	1429lm						
		5000K (50L)	1443lm						
Warm Dimmable									
6W (WD6)	Warm Dimmable 1800K-3000K (18308)	518lm				20° (20) 38° (38)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless* (WL)	
		1045lm							
11.8W (WD12)	Warm Dimmable 1800K-3000K (18308)	1045lm							

* The wireless dimming option includes driver and Bluetooth dimming accessory.

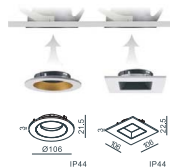
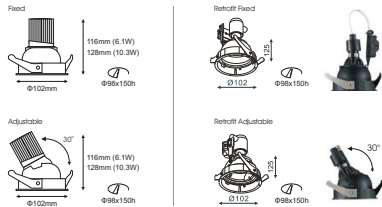
Ordering Code Example: MERLYN 509-30L-AD-95-24-WH-ND-00



MERLYN IP44



- Merlyn IP44 is a fixed downlight available with LED or with GU10 lamp holder for LED lamps.
- High antiglare rate due to its depth.
- Material : aluminium die cast.
- Variety of colour combinations.
- Variety of accessories: honeycomb/spread lens/soft lens/ line spread lens.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP44 (face only)



MERLYN IP44



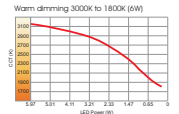
Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
			CR80 CR90						
MERLYN IP44 Round <small>(MERLYN 44R)</small>	6.1W <small>(P5)</small>	2700K (278)	812lm	477lm	Adjustable (A) Fixed (F)	14° (14)	White-White (WW) White-Black (WB) White-Gold (WG) Black-Black (BB) Black-Gold (BG)	Without Driver (OD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless *** (WL)	COVER Standard (01) Honeycomb (11) Line spread (21) Softening lens (31) Spread Lens (41)
		3000K (308)	845lm	705lm		25° (25)			
MERLYN IP44 Square <small>(MERLYN 44S)</small>	10.3W <small>(10)</small>	2700K (278)	1379lm	1138lm	Adjustable (A) Fixed (F)	14° (14)	White-White (WW) White-Black (WB) White-Gold (WG) Black-Black (BB) Black-Gold (BG)	Without Driver (OD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless *** (WL)	COVER Standard (01) Honeycomb (11) Line spread (21) Softening lens (31) Spread Lens (41)
		3000K (308)	1435lm	1180lm		25° (25)			
			CR95						
	6.1W <small>(10.3W)</small>	Warm Dimmable (18908)	1800K-3000K	518lm	95 (P5)			Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	EXTRAS No Extras (10) Emergency (11)

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
 ** Other RAL colours available upon request
 *** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MERLYN 44R10-308-FX-90-50-WW-ND-00

Model	Shape	Trim Colour	Type	Lamp Holder
MERLYN IP44 Retrofit <small>(MERLYN 44 RE)</small>	Round (RD)	White-White (WW) White-Black (WB) White-Gold (WG) Black-Black (BB) Black-Gold (BG)	Adjustable (AD) Fixed (FX)	GU10 (G1)

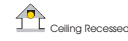
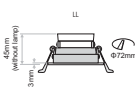
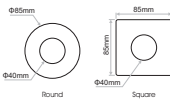
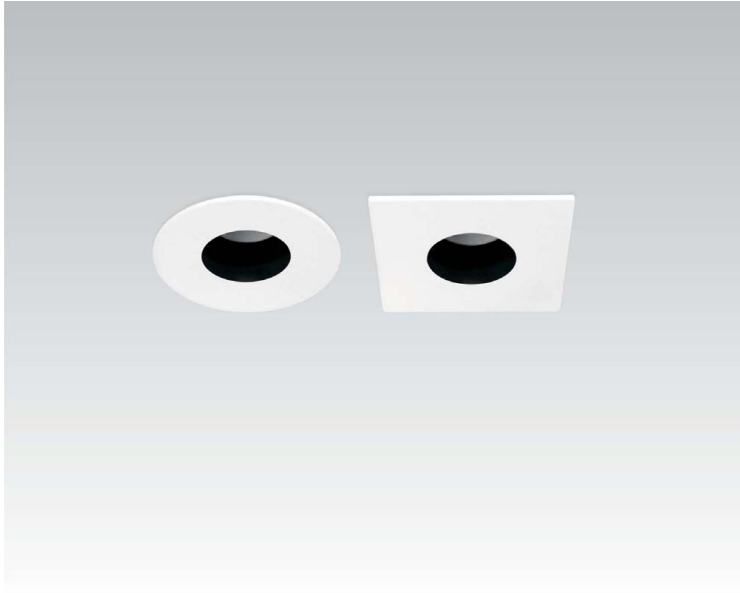
Ordering Code Example: MERLYN 44 RE-RD-BG-FX-G1



CASTALIA R



- Recessed spots for indoor use.
- Ideal for anti-glare installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM.
- L90/B10 50000h



CASTALIA R



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories	
CASTALIA R (CASTALIA R)	Round (R)	6.1W (0x)	2700K (27B)	C880 812lm	Fixed (FX)	80 (80)	14° (14)	White (WH)	Without Driver (D0)	No Extra Emergency Kit (E0)	
			3000K (30B)	C890 845lm			20° (20)				
	Square (S)	10.3W (10)	2700K (27B)	1379lm	90 (90)	30° (30)	Black (BL)	Non Dimmable (ND)	Analogue (1-10V) (A1)	DMX (DX)	
			3000K (30B)	1435lm		36° (36)					
	Square (S)	Warm Dimming 6.1W (W006)	1800K-3000K (1830B)	C895 518lm	95 (95)				Analogue (1-10V) (A1)	DALI (DL)	Phase Cut (PC)

* CCT: 3500K, 5000K, 6500K available upon request.
 ** Other RAL colours available upon request.
 *** The wireless dimming option includes driver and Bluetooth dimming accessory.

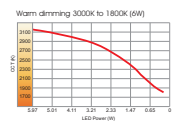
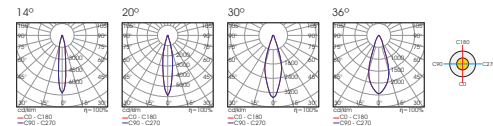
Ordering Code Example: CASTALIA R/R06-30B-FX-90-36-WH-DL-00

CASTALIA R LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA R LL (CASTALIA R LL)	Round (RD) Square (SQ)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)



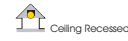
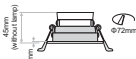
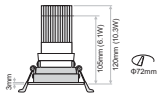
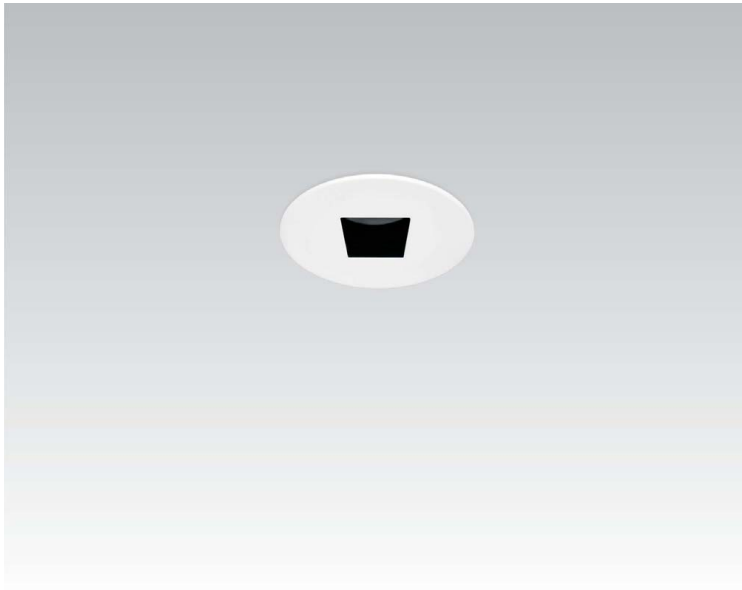
* Other RAL colours available upon request
 Ordering Code Example: CASTALIA R LL-RD-WH-FX-G1



CASTALIA S



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM.
- L90/B10 50000h



CASTALIA S



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
CASTALIA S (CASTALIA S)	Round (R)	6.1W (0x)	2700K (27B) 3000K (30B) 4000K (40B)	C880 812lm	C890 677lm	Fixed (FX)	80 (80) 90 (90)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra Emergency Kit (E1)
				845lm	705lm					
				879lm	733lm					
		10.3W (10)	2700K (27B) 3000K (30B) 4000K (40B)	1379lm	1138lm					
				1435lm	1180lm					
				1479lm	1265lm					
Warm Dimming 6.1W (WDD6)	1800K-3000K (1830B)	C895 518lm		95 (95)			Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)			

* CCT: 3500K, 5000K, 6500K available upon request.

** Other RAL colours available upon request.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.

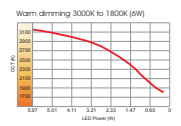
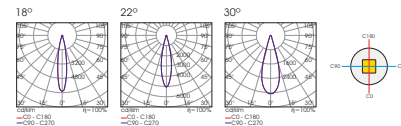
Ordering Code Example: CASTALIA SR06-30B-FX-90-22-WH-DL-00

CASTALIA S LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA S LL (CASTALIA S LL)	Round (RD)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)



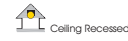
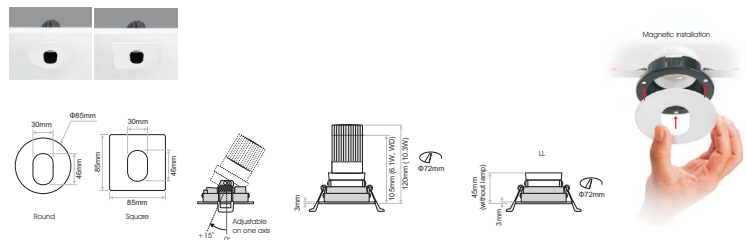
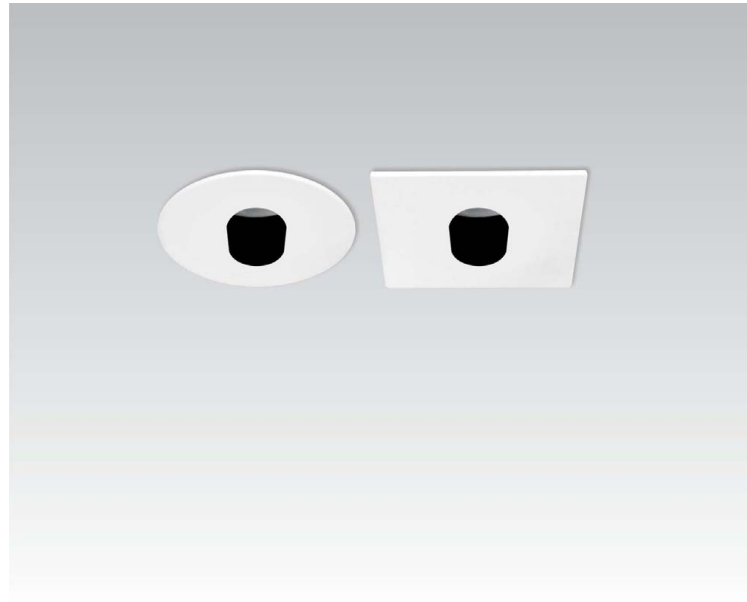
* Other RAL colours available upon request
Ordering Code Example: CASTALIA S LL-RD-WH-FX-G1



CASTALIA E



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM.
- L90/B10 50000h



CASTALIA E



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories	
CASTALIA E (CASTALIA E)	Round (R) Square (S)	6.1W (10x)	2700K (278)	C880 812mm	Adjustable (AD)	80 (80)	18°x22° (18)	White (WH)	Without Driver (D0)	No Extra (D0)	
			3000K (308)	C890 845mm			25°x20° (25)				Non Dimmable (ND)
	10.3W (10)	2700K (278)	C880 1379mm	Adjustable (AD)	90 (90)	34°x28° (34)	Black (BL)	Analogue (1-10V) (A1)	Emergency Kit (E1)		
		3000K (308)	C890 1435mm			50°x20° (50)				DMX (DX)	
	Warm Dimming 6.1W (WEX05)	Square (S)	1800K-3000K (18308)	C895 518mm	Adjustable (AD)	95 (95)			Analogue (1-10V) (A1)	Phase Cut (PC)	Wireless*** (WL)

* CCT: 3500K, 5000K, 6500K available upon request.
 ** Other RAL colours available upon request.
 *** The wireless dimming option includes driver and Bluetooth dimming accessory.

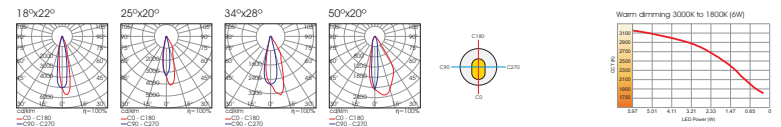
Ordering Code Example: CASTALIA ER10-30B-AD-90-34-WH-DL-00

CASTALIA E LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA E LL (CASTALIA E LL)	Round (RD) Square (SQ)	White (WH) Black (BL)	Adjustable (AD)	GU10 (max 7.5W) (G1)



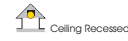
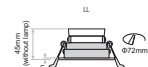
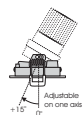
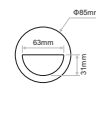
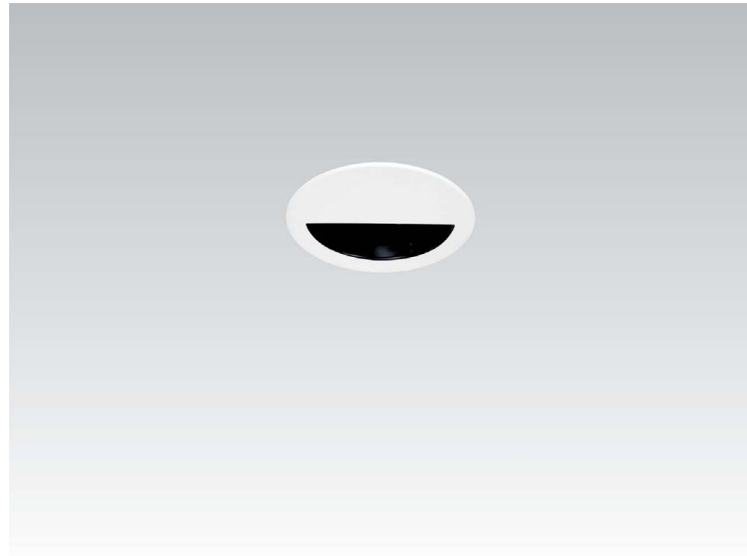
* Other RAL colours available upon request
 Ordering Code Example: CASTALIA E LL-RD-WH-AD-G1



CASTALIA H



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM.
- L90/B10 50000h



CASTALIA H



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories			
CASTALIA H (CASTALIA H)	Round (R)	6.1W (3x)	2700K (278) 3000K (308) 4000K (408)	C880	Adjustable (AD)	80 (80) 90 (90)	18°x22° (18) 25°x20° (25) 34°x28° (34) 30°x50° (30)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) DMX (DX) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra (E0) Emergency Kit (E1)			
				C890							2700K (278) 3000K (308) 4000K (408)	812mm 845mm 879mm	677mm 705mm 733mm
				C895							2700K (278) 3000K (308) 4000K (408)	1379mm 1435mm 1479mm	1138mm 1180mm 1265mm
		Warm Dimming 6.1W (WEX0)	1800K-3000K (18308)	518mm	C895	95 (95)				Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)			

* CCT: 3500K, 5000K, 6500K available upon request.

** Other RAL colours available upon request.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CASTALIA HR10-30B-AD-90-25-WH-DL-00

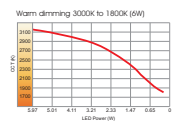
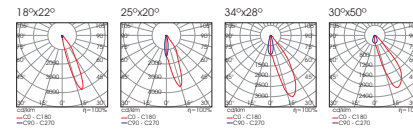
CASTALIA H LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA H LL (CASTALIA H LL)	Round (RD)	White (WH) Black (BL)	Adjustable (AD)	GU10 (max 7.5W) (G1)

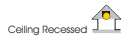


* Other RAL colours available upon request

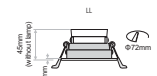
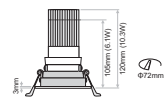
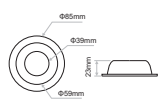
Ordering Code Example: CASTALIA H LL-RD-WH-AD-G1



CASTALIA A



- Recessed spots for indoor use.
- Ideal for anti glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM.
- L90/B10 50000h



CASTALIA A



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories		
CASTALIA A (CASTALIA A)	Round (R)	6.1W (0x)	2700K (27B) 3000K (30B) 4000K (40B)	C880 812lm	C890 677lm	Fixed (FX)	80 (80) 90 (90)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra Emergency Kit (E1)		
				10.3W (10)	2700K (27B) 3000K (30B) 4000K (40B)						1379lm 1435lm 1479lm	1138lm 1180lm 1265lm
				Warm Dimming 6.1W (WDD6)	1800K-3000K (1830B)						518lm	

* CCT: 3500K, 5000K, 6500K available upon request.
 ** Other RAL colours available upon request.
 *** The wireless dimming option includes driver and Bluetooth dimming accessory.

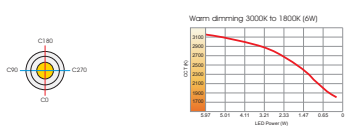
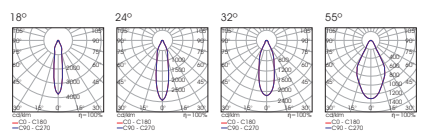
Ordering Code Example: CASTALIA A R06-30B-FX-80-55-WH-DL-00

CASTALIA A LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA A LL (CASTALIA A LL)	Round (RD)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)



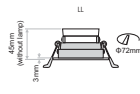
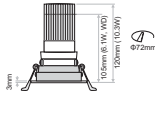
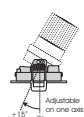
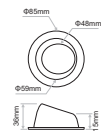
* Other RAL colours available upon request
 Ordering Code Example: CASTALIA A LL-RD-WH-FX-G1



CASTALIA W



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/810 50000h



CASTALIA W



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories	
CASTALIA W (CASTALIA W)	Round (R)	6.1W (D6)	2700K (278) 3000K (308) 4000K (408)	C880	812lm	677lm	Adjustable (AD)	22°x18° (22) 25°x20° (25) 34°x28° (34) 50°x45° (50)	White (WH) Black (BL)	Without Driver (D0)	No Extra (D0)
				C890	845lm	705lm				Non Dimmable (ND)	Emergency Kit (D1)
				C895	879lm	733lm				Analogue (1-10V) (A1)	
		10.3W (10)	2700K (278) 3000K (308) 4000K (408)	C880	1379lm	1138lm	Adjustable (AD)	22°x18° (22) 25°x20° (25) 34°x28° (34) 50°x45° (50)	White (WH) Black (BL)	DALI (DL)	
				C890	1435lm	1180lm				Push Button (PB)	
				C895	1479lm	1265lm				Phase Cut (PC)	
Warm Dimming (WEX0)	1800K-3000K (18308)	518lm	C895	518lm	95 (95)			Analogue (1-10V) (A1)			

* CCT: 3500K, 5000K, 6500K available upon request.
 ** Other RAL colours available upon request.
 *** The wireless dimming option includes driver and Bluetooth dimming accessory.

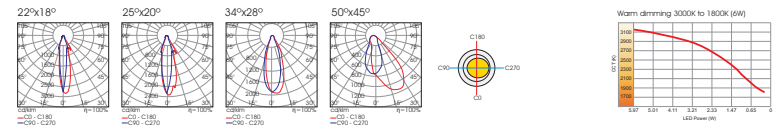
Ordering Code Example: CASTALIA W R10-30B-AD-90-25-WH-DL-00

CASTALIA W LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA W LL (CASTALIA W LL)	Round (RD)	White (WH) Black (BL)	Adjustable (AD)	GU10 (max 7.5W) (G1)

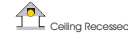
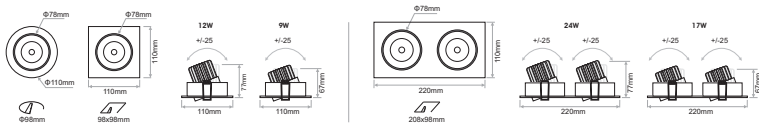


* Other RAL colours available upon request
 Ordering Code Example: CASTALIA W LL-RD-WH-AD-G1

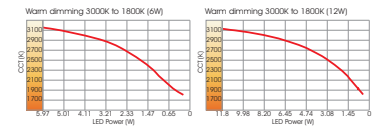




- BORRELY is an adjustable recessed downlight available single or double.
- High efficiency deep reflector with clear cover glass.
- Heat sink is of die-cast aluminium.
- 3 SDCM
- L90/B10 50.000h



Model	LED Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
BORRELY Round (BORRELY R)	8.9W (09)	2700K (278)	C880	C890	C897	Adjustable (AD)	80 (80)	38° (38)	White (W/5)	Without Driver (00)	COVER Standard Diffuser (01) [XX] ↑
		3000K (308)	1089lm	908lm	-					90 (90)	
		4000K (408)	1135lm	946lm	-					97 (97)	
BORRELY Square (BORRELY S)	12.2W (12)	2700K (278)	1575lm	1313lm	-	Adjustable (AD)	80 (80)	38° (38)	White (W/5)	Without Driver (00)	COVER Standard Diffuser (01) [XX] ↑
		3000K (308)	1657lm	1362lm	-					90 (90)	
		4000K (408)	1700lm	1460lm	-					97 (97)	
BORRELY Square (BORRELY S)	12.5W (13)	2700K (278)	-	-	1121lm	Adjustable (AD)	80 (80)	38° (38)	White (W/5)	Without Driver (00)	COVER Standard Diffuser (01) [XX] ↑
		3000K (308)	-	-	1196lm					90 (90)	
		4000K (408)	-	-	-					97 (97)	
Warm Dimmable											
BORRELY DOUBLE Square (BORRELY DS)	6W (MD06)	Warm Dimmable (18308)					95 (95)			Analogue (1-10V) (A1)	COVER Standard Diffuser (01) [XX] ↑
		1800K-3000K								DALI (DL)	
		1800K-3000K								Phase Cut (PC)	
BORRELY DOUBLE Square (BORRELY DS)	11.8W (MD12)	Warm Dimmable (18308)					95 (95)			Analogue (1-10V) (A1)	COVER Standard Diffuser (01) [XX] ↑
		1800K-3000K								DALI (DL)	
		1800K-3000K								Phase Cut (PC)	
Warm Dimmable											
BORRELY DOUBLE Square (BORRELY DS)	17.8W (18)	2700K (278)	C880	C890	C897	Adjustable (AD)	80 (80)			Without Driver (00)	COVER Standard Diffuser (01) [XX] ↑
		3000K (308)	2178lm	1816lm	-					90 (90)	
		4000K (408)	2270lm	1892lm	-					97 (97)	
BORRELY DOUBLE Square (BORRELY DS)	24.4W (24)	2700K (278)	3150lm	2626lm	-	Adjustable (AD)	80 (80)			Without Driver (00)	COVER Standard Diffuser (01) [XX] ↑
		3000K (308)	3314lm	2724lm	-					90 (90)	
		4000K (408)	3412lm	2920lm	-					97 (97)	
BORRELY DOUBLE Square (BORRELY DS)	25W (25)	2700K (278)	-	-	2242lm	Adjustable (AD)	80 (80)			Without Driver (00)	COVER Standard Diffuser (01) [XX] ↑
		3000K (308)	-	-	2392lm					90 (90)	
		4000K (408)	-	-	-					97 (97)	
Warm Dimmable											
BORRELY DOUBLE Square (BORRELY DS)	12W (MD12)	Warm Dimmable (18308)					95 (95)			Analogue (1-10V) (A1)	COVER Standard Diffuser (01) [XX] ↑
		1800K-3000K								DALI (DL)	
		1800K-3000K								Phase Cut (PC)	
BORRELY DOUBLE Square (BORRELY DS)	23.6W (MD24)	Warm Dimmable (18308)					95 (95)			Analogue (1-10V) (A1)	COVER Standard Diffuser (01) [XX] ↑
		1800K-3000K								DALI (DL)	
		1800K-3000K								Phase Cut (PC)	
Warm Dimmable											



VESTA



- VESTA is a small sized downlight available in round or square form.
- Increased efficiency.
- 3 SDCM
- L90/B10 50.000h

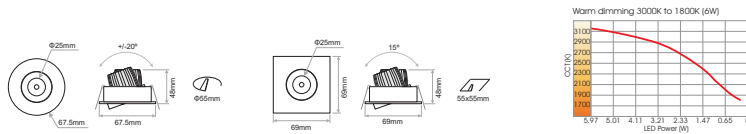


LIGHTSOURCE BY
bridgelux.

Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
VESTA Round <small>(VESTA R)</small>	6.1W (D6)	2700K (278) 3000K (308) 4000K (408)	C880	Adjustable (AD)	80 (80) 90 (90)	43° (43)	White (WH)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (D1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (D1) EXTRAS No Extras (E0) Emergency (E1)
			C890	785lm 654lm 817lm 681lm 850lm 730lm					
VESTA Square <small>(VESTA S)</small>	6W (WD06)	Warm Dimmable 1800K-3000K (18308)	C895		95 (95)	40° (40)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	
			C895	518lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: VESTA R06-40B-AD-80-43-WH-DL-00



ELISE

- ELISE is a square downlight available in white outer trim.
- High efficiency deep reflector.
- 3 SDCM
- L90/B10 50.000h

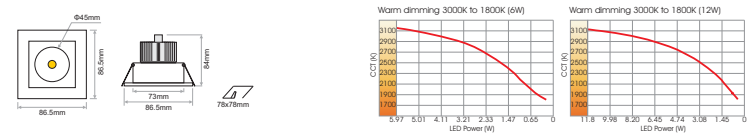


LIGHTSOURCE BY
bridgelux.

Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
ELISE <small>(ELISE)</small>	12.3W (12)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	C880	Fixed (F0)	80 (80) 90 (90) 97 (97)	18° (18) 40° (40) 45° (45)	White (WH)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (D1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (D1) EXTRAS No Extras (E0) Emergency (E1)
			C890	1662lm 1372lm 1766lm 1434lm 1818lm 1517lm					
			C897	1216lm 1299lm -					
	17.7W (18)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	C890	Fixed (F0)	90 (90) 97 (97)	18° (18) 40° (40) 45° (45)	White (WH)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (D1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (D1) EXTRAS No Extras (E0) Emergency (E1)
			C897	2302lm 1899lm 2445lm 1985lm 2518lm 2100lm					
			C895	1216lm 1299lm -					
	6W (WD06)	Warm Dimmable 1800K-3000K (18308)	C895		95 (95)			Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	
			C895	518lm 1045lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: ELISE 12-40B-FX-90-45-WH-DL-00




AVRA

Ceiling Recessed 

- AVRA is a downlight suitable for LED lamps available with clear or frosted glass.
- Luminaire: Die-cast aluminium.
- Ideal for lighting in bathrooms, spa, fitting rooms, etc.
- IP65 (face only).



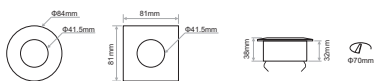
IP65
Face only

Code	Colour	Glass	Lamp	Maximum Consumption		Diameter	Type	IP Rate
ALE.032	NICKEL BRUSH	Frosted	MR16	35W	70mm	84mm	Fixed	IP65
ALE.033	WHITE	Frosted	MR16	35W	70mm	84mm	Fixed	IP65
ALE.056	NICKEL BRUSH	Clear	MR16	35W	70mm	84mm	Fixed	IP65
ALE.057	WHITE	Clear	MR16	35W	70mm	84mm	Fixed	IP65


Lamp & lamp holder
Not included



*Available in square upon request for MOQ.



TORN / TORN MINI



- TORN & TORN MINI miniaturized dimmable constant current LED spot.
- Ideal for decorative lighting.
- Luminaire body: aluminium.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI 226	TORN	1	3000K	1W / 350mA	Φ35x50mm	60°	White	Dimmable
ALI 227			5600K					
ALI 228	TORN MINI		3000K		Φ23x50mm	30°		
ALI 229			5600K					



*Other colours available upon request.

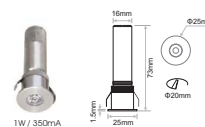
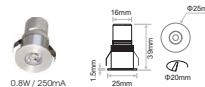
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.



BAROLO

- BAROLO is a small sized constant current downlight.
- Available in 30° & 60°.
- 3 SDCM
- L90/B10 50000h

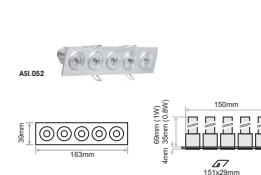
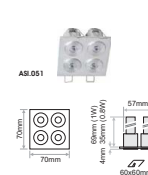
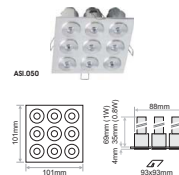
Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	No.LED	CCT*	Watt	Current**	Diameter	Beam Angle	
0.8W / 250mA							
LED 230	1	6000K	0.8W	250mA	25mm	30°	Dimmable
LED 231		4000K					
LED 232		3000K					
LED 233		6000K				60°	
LED 234		4000K					
LED 235		3000K					
1W / 350mA							
LED 227	1	6000K	1W	350mA	25mm	30°	Dimmable
LED 228		4000K					
LED 229		3000K					
LED 236		6000K				60°	
LED 237		4000K					
LED 238		3000K					

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Accessories (Barolo LEDs not included)



CUBIC / EYE / EYE SQUARE



- Decorative small sized downlights.
- Luminarie body: aluminium.
- 3 SDCM.
- L90/B10 50000h

Lighting management options:
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth

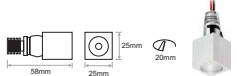


Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.216	CUBIC	1	3000K	1W / 350mA	25x25x58mm	30°	Aluminium MAT	Dimmable
ALI.217			5600K					
ALI.218	EYE		3000K		Φ23x36mm	120°	Nickel Mat	
ALI.219			5600K					
ALI.220	EYE SQUARE		3000K		23x23x36mm	120°	Nickel Mat	
ALI.221			5600K					



*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

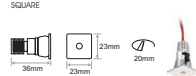
CUBIC



EYE



EYE SQUARE



FRAME / FRAME SQUARE



- Decorative small sized recessed downlights.
- Diffused light emission.
- Round and Square shape.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.222	FRAME	1	3000K	1W / 350mA	Φ40x46mm	Diffused	Frost Diffuser	Dimmable
ALI.223			5600K					
ALI.224	FRAME SQUARE		3000K		40x40x46mm			
ALI.225			5600K					

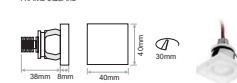


*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

FRAME



FRAME SQUARE



STARLIGHT SERIES

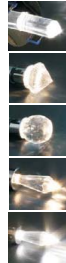


- Decorative small sized downlights.
- Dimmable Constant Current LED Spots 350mA.
- Available in different forms creating various lighting patterns.

Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	Model	No.LED	CCT*	Watt/Current**	Dimensions	Beam Angle	Finish	
ALI.206 ALI.207	CRYSTAL	1	3000K 5600K	1W / 350mA	Φ60x85mm	Diffused	Chromed Aluminium	Dimmable
ALI.208 ALI.209	RHOMB		3000K 5600K		Φ30x83mm			
ALI.210 ALI.211	BALL		3000K 5600K		Φ30x83mm			
ALI.212 ALI.213	DIAMOND		3000K 5600K		Φ23x95mm			
ALI.214 ALI.215	DIAMOND MINI		3000K 5600K	0.5W / 160mA	Φ12x67mm			

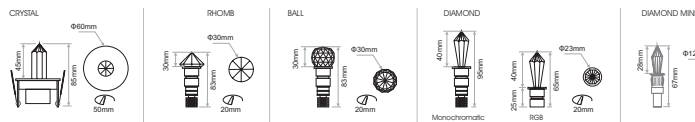


*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Model	No.LED	Colour	Watt	Voltage	Dimensions	Beam Angle	Finish	
DIAMOND RGB /CC*	1	RGB	0.25W	5VDC	Φ23x65mm	Diffused	Chromed Aluminium	Dimmable

*CC=Common Cathode



DECO-S / DECO-M

- Decorative small sized downlights.
- Low UGR for ensuring visual comfort.
- Ideal for decorative lighting and retail applications.
- High flexibility through adjustable movement.
- Made by pure aluminium, chromed aluminium finish.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.230 ALI.231	DECO-S	1	3000K 5600K	1W / 350mA	Φ26x31mm	40°	Chromed Aluminium	Dimmable
ALI.232 ALI.233	DECO-M		3000K 5600K		Φ26x42mm	20°		



*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.



PETITE SERIES



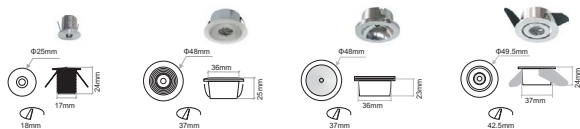
- PETITE series ideal for decorative lighting.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	Model	No.LED	Colour*	Watt	Current**	Diameter	Beam Angle	
ALI.101 ALI.102 ALI.104	ULTRA	1	5600K 3000K BLUE	1W	350mA	Φ25mm	120°	Dimmable
ALI.111 ALI.112 ALI.113 ALI.114 ALI.115	ACRYLIC		5600K 3000K BLUE RED GREEN			Φ48mm	DIFUSE	
ALI.107 ALI.108	ANTI-GLARE		5600K 3000K			Φ48mm	120°	
ALI.109 ALI.110	MOVABLE		5600K 3000K			Φ49.5mm	30°	

*Other colours available upon request.
**Adjustable intensity with ELECTION dimmable constant current LED drivers.



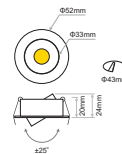
EVO I

- EVO I is a low depth downlight, suitable in applications with limited space.
- Adjustable : tilt +/-25°.
- Material: aluminium.
- Colour: anodized aluminium (silver).
- Indoor use only.

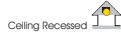
Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	Model	No.LED	CCT	Watt	Current	Beam Angle	IP Rate
ALI.134	EVO I	1	3000K	2W	700mA	25°	IP20



ZETA



- ZETA downlight.
- High efficiency deep reflector with clear cover glass.

- BRIDGELUX**
- 3 SDCM
 - L90/810 50.000h

- CREE (RGBW)**
- White CCT at 4000K. (Other CCTs are available upon request)
 - L80/810 50.000h



LIGHTSOURCE BY
bridgelux.
for Monochromatic

LIGHTSOURCE BY
CREE
LEDs
for RGBW

Model	Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
ZETA <small>(ZETA)</small>	12.3W <small>(12)</small>	2700K (27B)	C880 C890 C897	Fixed (FX)	80 (80)	14° (14)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
		3000K (30B)	1662lm 1372lm 1216lm		90 (90)	25° (25)		Without Driver (00)	
		4000K (40B)	1766lm 1434lm 1299lm		97 (97)	39° (39)		DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	
	17.5W <small>(18)</small>	2700K (27B)	2482lm 2048lm 1815lm	Fixed (FX)	80 (80)	14° (14)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
		3000K (30B)	2637lm 2140lm 1939lm		90 (90)	25° (25)		Without Driver (00)	
		4000K (40B)	2714lm 2265lm -		97 (97)	39° (39)		DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	
	31.3W <small>(31)</small>	2700K (27B)	4510lm 3721lm 3298lm	Fixed (FX)	80 (80)	14° (14)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
		3000K (30B)	4792lm 3890lm 3524lm		90 (90)	25° (25)		Without Driver (00)	
		4000K (40B)	4933lm 4115lm -		97 (97)	39° (39)		DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	
	29.5W <small>(30)</small>	RGBW (RGBW)	2075lm	Fixed (FX)	25° (25)	39° (39)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Wireless*** (WL)
			2695lm		25° (25)			39° (39)	
	42.5W <small>(43)</small>	RGBW (RGBW)	2695lm	Fixed (FX)	25° (25)	39° (39)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Wireless*** (WL)

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: ZETA 31-30B-FX-90-39-BL-ND-00



ZETA MINI

- ZETA MINI downlight.
- High efficiency deep reflector with clear cover glass.

- BRIDGELUX**
- 3 SDCM
 - L90/810 50.000h

- CREE (RGBW)**
- White CCT at 4000K. (Other CCTs are available upon request)
 - L80/810 50.000h



LIGHTSOURCE BY
bridgelux.
for Monochromatic

LIGHTSOURCE BY
CREE
LEDs
for RGBW

Model	Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
ZETA MINI <small>(ZETA MINI)</small>	12.3W <small>(12)</small>	2700K (27B)	C880 C890 C897	Fixed (FX)	80 (80)	14° (14)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
		3000K (30B)	1662lm 1372lm 1216lm		90 (90)	25° (25)		Without Driver (00)	
		4000K (40B)	1766lm 1434lm 1299lm		97 (97)	39° (39)		DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	
	17.5W <small>(18)</small>	2700K (27B)	2482lm 2048lm 1815lm	Fixed (FX)	80 (80)	14° (14)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
		3000K (30B)	2637lm 2140lm 1939lm		90 (90)	25° (25)		Without Driver (00)	
		4000K (40B)	2714lm 2265lm -		97 (97)	39° (39)		DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	
	31.3W <small>(31)</small>	2700K (27B)	4510lm 3721lm 3298lm	Fixed (FX)	80 (80)	14° (14)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
		3000K (30B)	4792lm 3890lm 3524lm		90 (90)	25° (25)		Without Driver (00)	
		4000K (40B)	4933lm 4115lm -		97 (97)	39° (39)		DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	
	29.5W <small>(30)</small>	RGBW (RGBW)	2075lm	Fixed (FX)	25° (25)	39° (39)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Wireless*** (WL)
			2695lm		25° (25)			39° (39)	
	42.5W <small>(43)</small>	RGBW (RGBW)	2695lm	Fixed (FX)	25° (25)	39° (39)	White (WH) Black (BL)	Without Driver (00)	COVER Standard (01) DMX (DX) (1-10V) (A1) DALI (DL) (1-10V) (A1) Wireless*** (WL)

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: ZETA MINI 31-30B-FX-90-39-BL-ND-00



KRONOS

- KRONOS downlight.
- High efficiency deep reflector with clear cover glass.

BRIDGELUX

- 3 SDCM
- L90/810 50.000h

CREE (RGBW)

- White CCT at 4000K. (Other CCTs are available upon request)
- L80/810 50.000h



Ceiling Recessed 

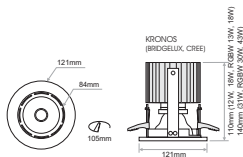
LIGHTSOURCE BY
bridgelux
for Monochromatic

LIGHTSOURCE BY
CREE LEDs
for RGBW

Model	Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories			
KRONOS <i>(KRONOS)</i>	12.3W <i>(12)</i>	CRI80 CRI90 CRI97			Fixed <i>(FX)</i>	80 <i>(80)</i>	16° <i>(16)</i>	White <i>(WH)</i>	Without Driver <i>(00)</i>	COVER Standard <i>(01)</i> Diffuser <i>(11)</i> Honeycomb <i>(21)</i>		
		3000K <i>(30B)</i>	1662lm	1372lm		1216lm	90 <i>(90)</i>	26° <i>(26)</i>	Black <i>(BL)</i>		Non Dimmable <i>(ND)</i>	
		4000K <i>(40B)</i>	1766lm	1434lm		1299lm	97 <i>(97)</i>	38° <i>(38)</i>	Grey <i>(GR)</i>		Analogue (1-10V) <i>(A1)</i>	
	17.5W <i>(18)</i>	5700K <i>(57B)</i>	1766lm	-		-	Nickel Satin <i>(NS)</i>	DMX <i>(DX)</i>	Push Button <i>(PB)</i>		EXTRAS No Extras <i>(10)</i> Emergency <i>(11)</i>	
		2700K <i>(27B)</i>	2482lm	2048lm		1815lm	Gold <i>(GL)</i>	DALI <i>(DL)</i>	Phase Cut <i>(PC)</i>			
		3000K <i>(30B)</i>	2637lm	2140lm		1939lm			Wireless*** <i>(WL)</i>			
	31.3W <i>(31)</i>	4000K <i>(40B)</i>	2714lm	2265lm		-						
		5700K <i>(57B)</i>	2637lm	-		-						
		2700K <i>(27B)</i>	4510lm	3721lm		3298lm						
	12.5W <i>(13)</i>	3000K <i>(30B)</i>	4792lm	3890lm		3524lm		26° <i>(26)</i>				COVER Standard <i>(01)</i>
		4000K <i>(40B)</i>	4933lm	4115lm		-		38° <i>(38)</i>				
		5700K <i>(57B)</i>	4792lm	-		-						
18W <i>(19)</i>	RGBW <i>(RGBW)</i>								EXTRAS No Extras <i>(10)</i>			
	960lm											
	1245lm											
29.5W <i>(30)</i>	2075lm											
	2695lm											

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: KRONOS 31-30B-FX-90-38-BL-ND-00



Ceiling Recessed 

ALTRA

- ALTRA downlight.
- High efficiency deep reflector with clear cover glass.
- 3 SDCM
- L90/810 50.000h



Model	Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories			
ALTRA <i>(ALTRA)</i>	12.3W <i>(12)</i>	CRI80 CRI90 CRI97			Adjustable <i>(AD)</i>	80 <i>(80)</i>	21° <i>(21)</i>	White <i>(WH)</i>	Without Driver <i>(00)</i>	COVER Standard <i>(01)</i> Diffuser <i>(11)</i> Honeycomb <i>(21)</i>		
		3000K <i>(30B)</i>	1662lm	1372lm		1216lm	90 <i>(90)</i>	43° <i>(43)</i>	Black <i>(BL)</i>		Non Dimmable <i>(ND)</i>	
		4000K <i>(40B)</i>	1766lm	1434lm		1299lm	97 <i>(97)</i>	59° <i>(59)</i>	Grey <i>(GR)</i>		Analogue (1-10V) <i>(A1)</i>	
	17.5W <i>(18)</i>	5700K <i>(57B)</i>	1766lm	-		-	Nickel Satin <i>(NS)</i>	DMX <i>(DX)</i>	Push Button <i>(PB)</i>		EXTRAS No Extras <i>(10)</i> Emergency <i>(11)</i>	
		2700K <i>(27B)</i>	2482lm	2048lm		1815lm	Gold <i>(GL)</i>	DALI <i>(DL)</i>	Phase Cut <i>(PC)</i>			
		3000K <i>(30B)</i>	2637lm	2140lm		1939lm			Wireless*** <i>(WL)</i>			
	31.3W <i>(31)</i>	4000K <i>(40B)</i>	2714lm	2265lm		-						
		5700K <i>(57B)</i>	2637lm	-		-						
		2700K <i>(27B)</i>	4510lm	3721lm		3298lm						
	18W <i>(19)</i>	RGBW <i>(RGBW)</i>										EXTRAS No Extras <i>(10)</i>
		960lm										
		1245lm										
29.5W <i>(30)</i>	2075lm											
	2695lm											

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: ALTRA 18-30B-AD-90-59-BL-ND-00



TALUS RC



TALUS RC

- TALUS Recessed downlight available in white or black colour.

Monochromatic, TW

- 3 SDCM
- L90/B10 50.000h

WD

- Dimmable options.
- 3 SDCM
- L90/B10 50.000h

RGBW

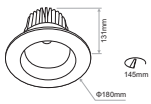
- White CCT at 4000K. (Other CCTs are available upon request).



Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories		
TALUS RC (TALUS RC)	23.9W (24)	2700K (2/78)	C880 3621lm	C890 2987lm	C897 2647lm	Fixed (FX)	80 (8/0) 90 (9/0) 97 (9/7)	20° (2/0) 35° (3/5) 60° (6/0)	White (WH) Black (BL)	Without Driver (0/0)	White Matt (1/1)
		3000K (3/08)	3847lm	3123lm	2829lm					Non Dimmable (ND)	Black Matt (2/2)
		4000K (4/08)	3960lm	3304lm	-					Analogue (1-10V) (A1)	DMX (DX)
		5700K (5/78)	3847lm	-	-	DALI (DL)	Phase Cut (PC)	EXTRAS No Extras (1/0)	XXX ↑		
	31.3W (31)	2700K (2/78)	4510lm	3721lm	3298lm	90 (9/0)	20° (2/0) 35° (3/5) 60° (6/0)	White (WH) Black (BL)	Without Driver (0/0)	White Matt (1/1)	
		3000K (3/08)	4792lm	3890lm	3524lm				Non Dimmable (ND)	Black Matt (2/2)	
		4000K (4/08)	4933lm	4115lm	-				Analogue (1-10V) (A1)	DMX (DX)	
		5700K (5/78)	4792lm	-	-	DALI (DL)	Phase Cut (PC)	EXTRAS No Extras (1/0)	XXX ↑		
	37.1W (37)	2700K (2/78)	5199lm	4289lm	3802lm	90 (9/0)	20° (2/0) 35° (3/5) 60° (6/0)	White (WH) Black (BL)	Without Driver (0/0)	White Matt (1/1)	
		3000K (3/08)	5524lm	4484lm	4062lm				Non Dimmable (ND)	Black Matt (2/2)	
		4000K (4/08)	5687lm	4744lm	-				Analogue (1-10V) (A1)	DMX (DX)	
		5700K (5/78)	5524lm	-	-	DALI (DL)	Phase Cut (PC)	EXTRAS No Extras (1/0)	XXX ↑		
Tunable White			C890								
23.9W (24)	Tunable White (TWB) 2700K-5700K	2252lm (both CCTs driven)			90 (9/0)			Without Driver (0/0) DMX (DX) DALI (DL)			
34.8W (35)		3188lm (both CCTs driven)									
Warm Dimmable			C895								
30.7W (M031)	Warm Dimmable (18,308) 1800K-3000K	2840lm			95 (9/5)			Without Driver (0/0) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC)			
RGBW** (RGBW)			2075lm					Without Driver (0/0) DMX (DX) DALI (DL) Wireless*** (WL)			
29.5W (30)							20° (2/0) 38° (3/8)				
42.5W (43)											

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
 ** Other colour combinations available upon request.
 *** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: TALUS RC31-308-FX-90-60-BL-00-20



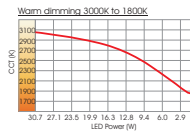
Anti-glare Shield Accessories



Monochromatic



RGBW



TALUS ADJ RC



TALUS ADJ RC

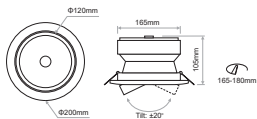
- TALUS adjustable recessed downlight available in white or black colour.

Monochromatic, TW, WD

- 3 SDCM
- L90/B10.50.000h

RGBW

- White CCT at 4000K. (Other CCTs are available upon request).



Model	LED Power	CCT*	CRI80, CRI90, CRI97			Type	Beam Angle	Colour	Dimming Option	Accessories
			LED Source	80 (80)	90 (90)					
TALUS ADJ RC <i>(TALUS A RC)</i>	23.9W <i>(24)</i>	2700K (278)	3621lm	2987lm	2647lm	Adjustable <i>(AD)</i>	20° (20) 38° (38) 60° (60) 110°*** (110)	White (WH) Black (BL)	Without Driver (00)	Clear (01)
		3000K (308)	3847lm	3123lm	2829lm				Non Dimmable (ND)	Center Frost (11)
		4000K (408)	3960lm	3304lm	-				Analogue (1-10V) (A1)	Diffused (2)
		5700K (578)	3847lm	-	-				DMX (DX)	↓ (XX)
	31.3W <i>(31)</i>	2700K (278)	4510lm	3721lm	3298lm				DALI (DL)	EXTRAS (10)
		3000K (308)	4792lm	3890lm	3524lm				Push Button (PB)	
		4000K (408)	4933lm	4115lm	-				Phase Cut (PC)	
		5700K (578)	4792lm	-	-					
	37.1W <i>(37)</i>	2700K (278)	5199lm	4289lm	3802lm					
3000K (308)		5524lm	4484lm	4062lm						
4000K (408)		5687lm	4744lm	-						
5700K (578)		5524lm	-	-						
Tunable White			90 (90)							
23.9W <i>(24)</i>	Tunable White (TW8)	2252lm	(Both CCTs driven)		15°** (15) 35°** (35) 55°** (55) 110°*** (110)					Without Driver (00) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC)
	2700K-5700K	3188lm	(Both CCTs driven)							
34.8W <i>(35)</i>										
Warm Dimmable			95 (95)							
30.7W <i>(30.7)</i>	Warm Dimmable (18308)	2962lm	1800K-3000K							
RGBW**** (RGBW)			2075lm			35° (35) 55° (55)		Without Driver (00) DMX (DX) DALI (DL) Wireless***** (W)		
29.5W <i>(30)</i>										
42.5W <i>(43)</i>			2695lm							

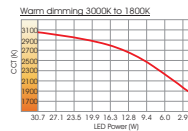
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

** Beam angle values are only valid for clear cover.

*** 110° only for diffused cover.

**** Other colour combinations available upon request.

***** The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example: TALUS A RC31-308-80-AD-38-BL-00-00

RODITA



- RODITA downlight with a tilt of 60°.

Monochromatic:

- High efficiency deep reflector.
- Luminaire body: aluminum.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

RGBW:

- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h



Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			C880 C890 C897						
RODITA (RODITA)	12.3W (12)	2700K (27B)	1662lm 1372lm 1214lm	Adjustable (AD)	80 (80)	40° (40)	White (WH)	Without Driver (00)	COVER Standard (00)
		3000K (30B)	1766lm 1434lm 1299lm		90 (90)	No Dimmable (ND)			
		4000K (40B)	1818lm 1517lm -		97 (97)			Analogue (1-10V) (A1)	
	5700K (57B)	1766lm - -		DMX (DX)	EXTRAS No Extras (00)				
	31.3W (31)	2700K (27B)	4510lm 3721lm 3298lm	Adjustable (AD)	80 (80)	40° (40)	White (WH)	Push Button (PB)	Emergency*** (11)
		3000K (30B)	4792lm 3890lm 3524lm		90 (90)	No Dimmable (ND)			
4000K (40B)		4933lm 4115lm -	97 (97)		DMX (DX)			EXTRAS No Extras (00)	
5700K (57B)	4792lm - -		DALI (DL)	Emergency*** (11)					
			R G B W						
12.5W (13)	RGBW (RGBW)	960lm					Without Driver (00)		
							DMX (DX)		
							DALI (DL)		
							Wireless*** (WL)		

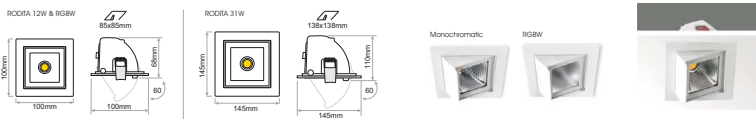
* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.

* CREE RGBW: Other colour combinations available upon request.

** The wireless dimming option includes driver and Bluetooth dimming accessory.

*** Emergency only for monochromatic versions.

Ordering Code Example: RODITA 12-40B-AD-80-40-WH-DL-00



SORENA



- SORENA downlight with a tilt of 60° and rotation of 360°.

Monochromatic:

- High purity aluminum.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

RGBW:

- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h



Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			C880 C890 C897						
SORENA (SORENA)	17.5W (16)	2700K (27B)	2482lm 2048lm 1815lm	Adjustable (AD)	80 (80)	38° (38)	White (WH)	Without Driver (00)	COVER Standard (00)
		3000K (30B)	2637lm 2140lm 1939lm		90 (90)	Non Dimmable (ND)			
		4000K (40B)	2714lm 2265lm -		97 (97)			Analogue (1-10V) (A1)	
	5700K (57B)	2637lm - -		DMX (DX)	EXTRAS No Extras (00)				
	31.3W (31)	2700K (27B)	4510lm 3721lm 3298lm	Adjustable (AD)	80 (80)	20° (20)	White (WH)	Push Button (PB)	Emergency*** (11)
		3000K (30B)	4792lm 3890lm 3524lm		90 (90)	Non Dimmable (ND)			
4000K (40B)		4933lm 4115lm -	97 (97)		DMX (DX)			EXTRAS No Extras (00)	
5700K (57B)	4792lm - -		DALI (DL)	Emergency*** (11)					
			R G B W						
12.5W (13)	RGBW (RGBW)	960lm				24° (24)	Without Driver (00)		
18W (18)			960lm				DMX (DX)		
29.5W (30)			1245lm				DALI (DL)		
			2075lm				Wireless*** (WL)		

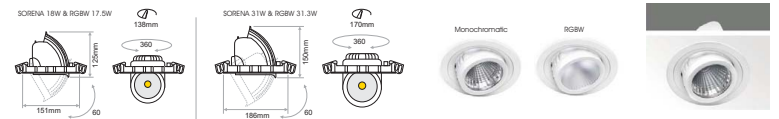
* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.

* CREE RGBW: Other colour combinations available upon request.

** The wireless dimming option includes driver and Bluetooth dimming accessory.

*** Emergency only for monochromatic versions.

Ordering Code Example: SORENA 31-30B-AD-90-20-WH-DL-00



RONELO



- RONELO adjustable downlight with consumption of up to 62 watt.
- High efficiency deep reflector with clear cover glass.
- Ideal easy replacement in existing theater houselighting.
- Dimmable options.
- Increased efficiency.

Monochromatic:

- 3 SDCM
- L90/810 50.000h

RGBW:

- White CCT at 4000K (Other CCTs are available upon request).
- L80/810 50.000h

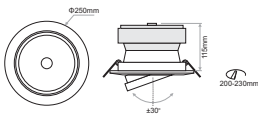


Model	LED Power	CCT*	CR80, CR90** LED Source	Type	Beam Angle	Colour	Dimming Option	Accessories	
			80 (80) 90 (90)						
RONELO (RCHZUC)	45.2W (45)	2700K (278)	7001lm 5776lm	Adjustable (AD)	18° (18)	White (WH)	Without Driver (00)	Cover Standard (0-1)	
		3000K (308)	7438lm 6038lm		38° (38)	Black (BL)	Non Dimmable (ND)	Diffuser (F-1)	
		4000K (408)	7657lm 6388lm		66° (66)		Analogue (1-10V) (A1)	Frosted Center (Z1)	
		5700K (578)	7438m -		110° (110)		DMX*** (DX)		
								DALI (DL)	
								Push Button (PB)	
	53.3W (53)	2700K (278)	8058lm 6656lm	Adjustable (AD)	20° (20)	White (WH)	Without Driver (00)	Cover Standard (0-1)	
		3000K (308)	8572lm 6958lm		45° (45)	Black (BL)	DMX (DX)		
		4000K (408)	8824lm 7362lm		65° (65)		DALI (DL)		
		5700K (578)	8572m -				Wireless**** (WL)		
							Wireless**** (WL)		
							Phase Cut***** (PC)		
61.5W (62)	2700K (278)	9112lm 7518lm	Adjustable (AD)	20° (20)	White (WH)	Without Driver (00)	Cover Standard (0-1)		
	3000K (308)	9682lm 7859lm		45° (45)	Black (BL)	DMX (DX)			
	4000K (408)	9967lm 8315lm		65° (65)		DALI (DL)			
	5700K (578)	9682m -				Wireless**** (WL)			
						Wireless**** (WL)			
						Phase Cut***** (PC)			
29.5W (30)	RGBW (RGBW)	2075lm	Adjustable (AD)	20° (20)	White (WH)	Without Driver (00)	Cover Standard (0-1)		
				45° (45)	Black (BL)	DMX (DX)			
42.5W (43)	RGBW (RGBW)	2695lm	Adjustable (AD)	20° (20)	White (WH)	Without Driver (00)	Cover Standard (0-1)		
				45° (45)	Black (BL)	DMX (DX)			
				65° (65)		DALI (DL)	EXTRAS No Extras (1-0)		
						Wireless**** (WL)			



- * BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
- * CREE RGBW: Other colour combinations available upon request.
- **CR190 Available up to 5000K, CR197 Available upon request.
- *** DMX is only available at 43W.
- **** The wireless dimming option includes driver and Bluetooth dimming accessory.
- ***** Only for 47W or lower.

Ordering Code Example: RONELO 53-40B-80-AD-66-WH-ND-00



PELO

- PELO downlight module suitable for direct installation in ceilings (PL replacement).
- Module with integrated electronics.

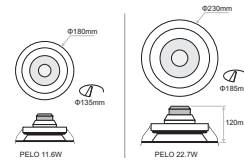


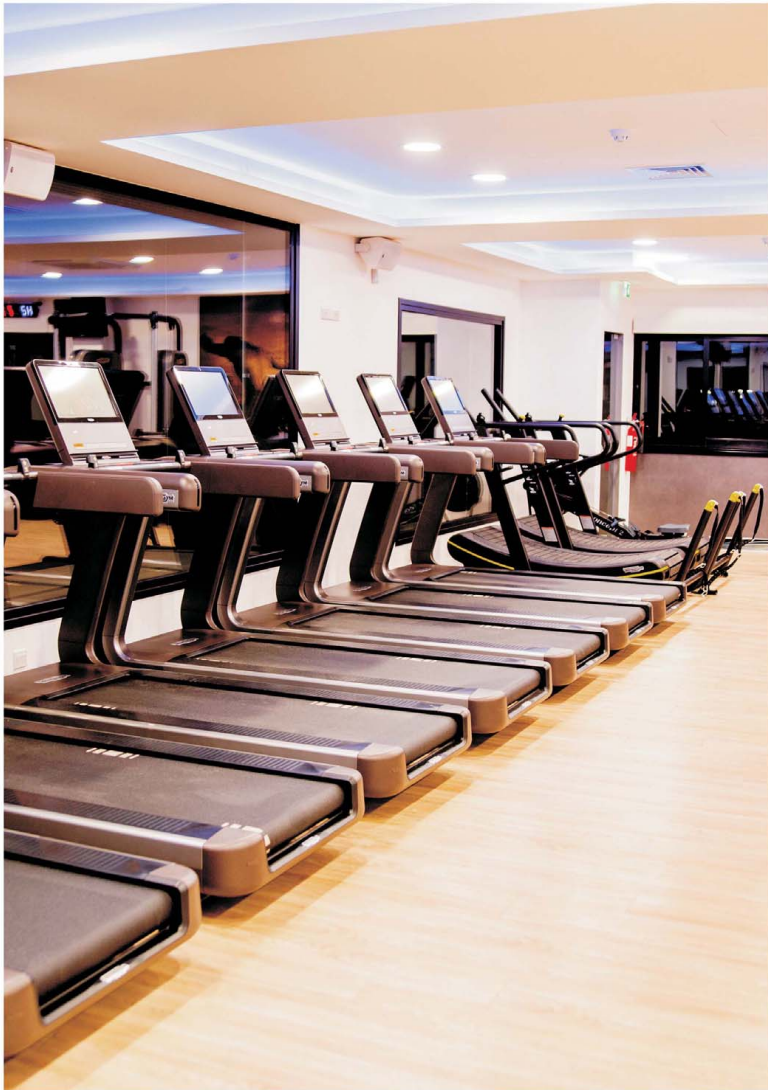
Luminous Efficacy

PELO 11.6W: 88lm/W (3000K), 92lm/W (4000K), 92lm/W (6500K)
PELO 22.7W: 90lm/W (3000K), 94lm/W (4000K), 96lm/W (6500K)

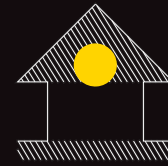
Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
			CR80					
PELO (PELCC)	11.6W (12)	3000K (30T)	1020lm	Fixed (FX)	80 (80)	60° (60)	White (WH)	Non Dimmable 230VAC (ND)
		4000K (40T)	1070lm			90° (90)		
		6500K (65T)	1070lm					
	22.7W (23)	3000K (30T)	2040lm					
		4000K (40T)	2140lm					
		6500K (65T)	2160lm					

Ordering Code Example: PELO 23-40T-FX-80-90-WH-ND





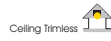
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



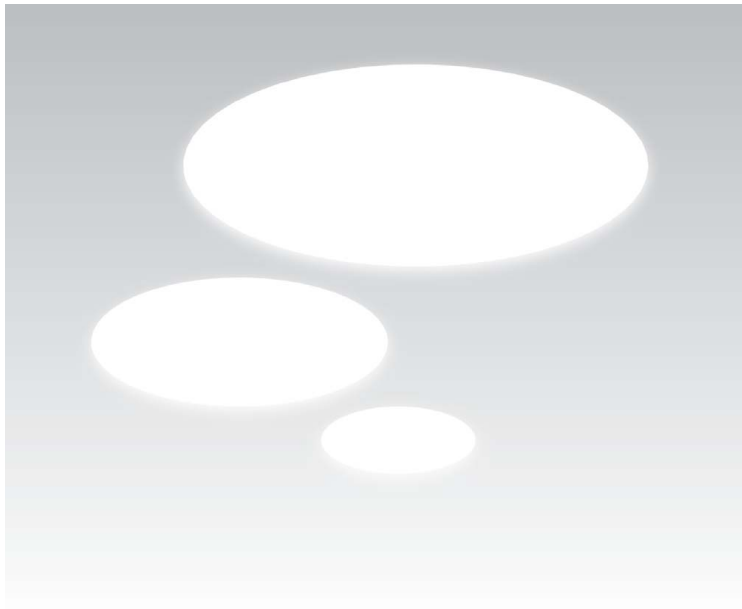
**CEILING
IRIVILESS**



DISC TR (Trimless)



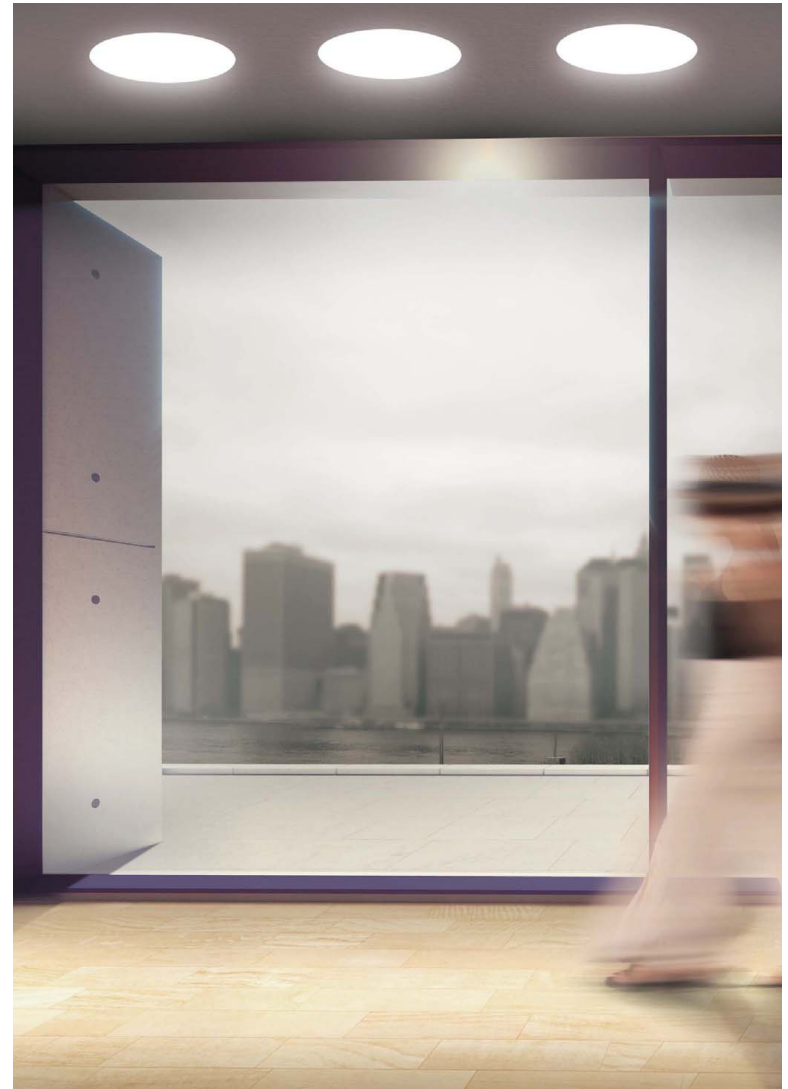
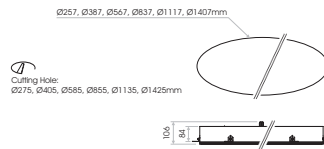
- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22*) as an option in the High Power model.
- It is offered with a Low Glare (UGR < 19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

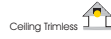


LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

- Available upon request:
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H. Reflection factors: 70/50/20

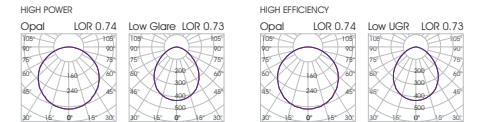
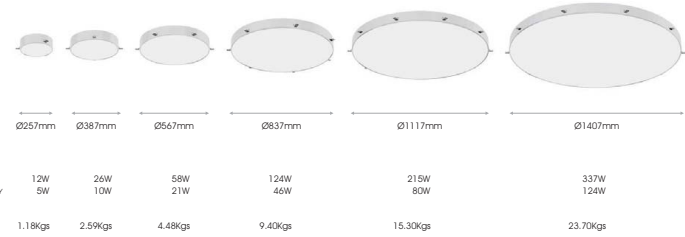




Model	Luminaire Colour	CCT	Watt / Diameter	CRI* LED Source	CRI* LED Source	Type	Voltage	Dimming Option	Extras						
DISC Trimless High Power <i>(DISC TR HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER	> 80 (80)	> 80 (80)	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(0)</i>						
				3000K	4000K					Low Glare <i>(LG)**</i>	Analogue <i>(1-10V)</i>	Emergency <i>(1)</i>			
				4000K <i>(40)</i>									DALI <i>(DL)</i>	Wireless <i>(WL)</i>	
				11.9W / 27cm <i>(12W027)</i>	1910lm										2070lm
				26.2W / 40cm <i>(26W040)</i>	3970lm										4170lm
				57.4W / 58cm <i>(58W058)</i>	8670lm										9110lm
				123.8W / 85cm <i>(124W085)</i>	17980lm										18900lm
				214.8W / 113cm <i>(215W113)</i>	31060lm										32650lm
				336.6W / 142cm <i>(337W142)</i>	49550lm										52200lm
				DISC Trimless High Efficiency <i>(DISC TR HE)</i>	White <i>(WH)</i>										3000K <i>(30)</i>
3000K	4000K	Low UGR <i>(UW)**</i>	Emergency <i>(1)</i>												
4000K <i>(40)</i>						DALI <i>(DL)</i>	Wireless <i>(WL)</i>								
4.5W / 27cm <i>(05W027)</i>	810lm							880lm							
9.8W / 40cm <i>(10W040)</i>	1680lm							1770lm							
21.2W / 58cm <i>(21W058)</i>	3640lm							3830lm							
45.7W / 85cm <i>(46W085)</i>	7430lm							7810lm							
79.4W / 113cm <i>(80W113)</i>	12830lm							13490lm							
124.4W / 142cm <i>(124W142)</i>	20590lm							21700lm							

- * Available in CRI90 upon request.
- ** Low Glare (UGR<22), Low UGR (UGR<19)

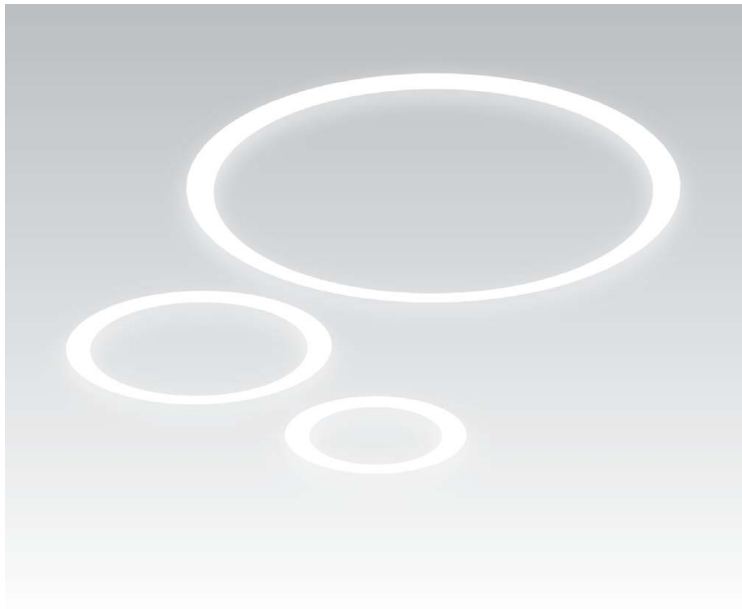
Ordering Code Example: DISC TR HP-WH-30-58W058-80-LG-230-ND-0



ECLIPSE TR (Trimless)



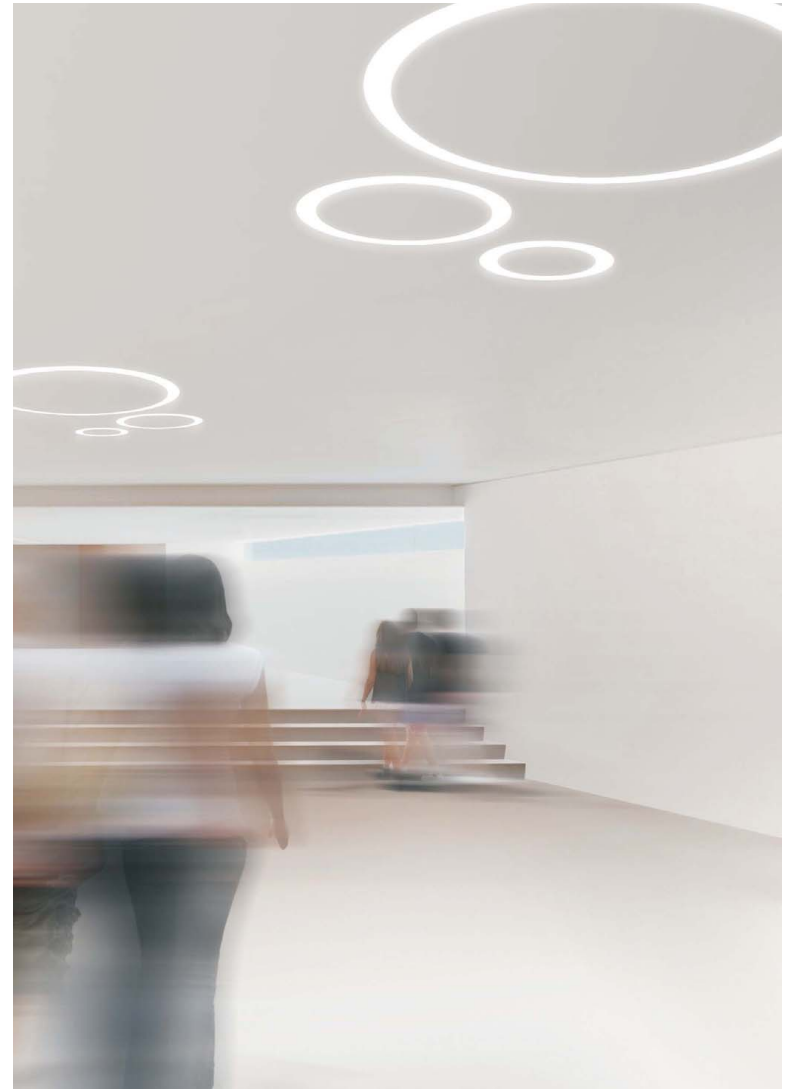
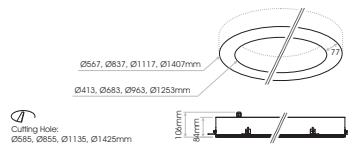
- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:
✓ Custom luminaire colours
✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20





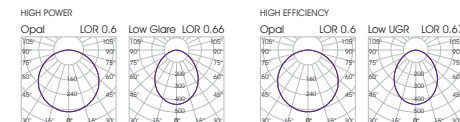
Model	Luminaire Colour	CCT	Watt / Diameter	CB1* LED Source	CB1* LED Source	Type	Voltage	Dimming Option	Extras	
ECLIPSE Trimless High Power <i>(ECLIPSE TR HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER		> 80 (80) 3000K	> 80 (80) 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard Emergency <i>(E)</i>
			46.2W / 58cm <i>(46W/058)</i>	6910lm	7310lm	Low Glare <i>(LG)**</i>	Analogue <i>(A1)</i>			
			75W / 85cm <i>(75W/085)</i>	11070lm	11740lm		DALI <i>(DL)</i>			
			104.5W / 113cm <i>(105W/113)</i>	15490lm	16390lm		Wireless <i>(WL)</i>			
ECLIPSE Trimless High Efficiency <i>(ECLIPSE TR HE)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH EFFICIENCY		> 80 (80) 3000K	> 80 (80) 4000K	Opal <i>(OP)</i>			
			17.6W / 58cm <i>(18W/058)</i>	2940lm	3110lm	Low UGR <i>(LU)**</i>				
			26.7W / 85cm <i>(27W/085)</i>	4450lm	4720lm					
			37.2W / 113cm <i>(37W/113)</i>	6230lm	6590lm					
47.8W / 142cm <i>(48W/142)</i>	8020lm	8480lm								

- * Available in CR190 upon request.
- ** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

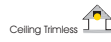
Ordering Code Example: *ECLIPSE TR HE-WH-30-48W/142-80-LU-230-ND-0*



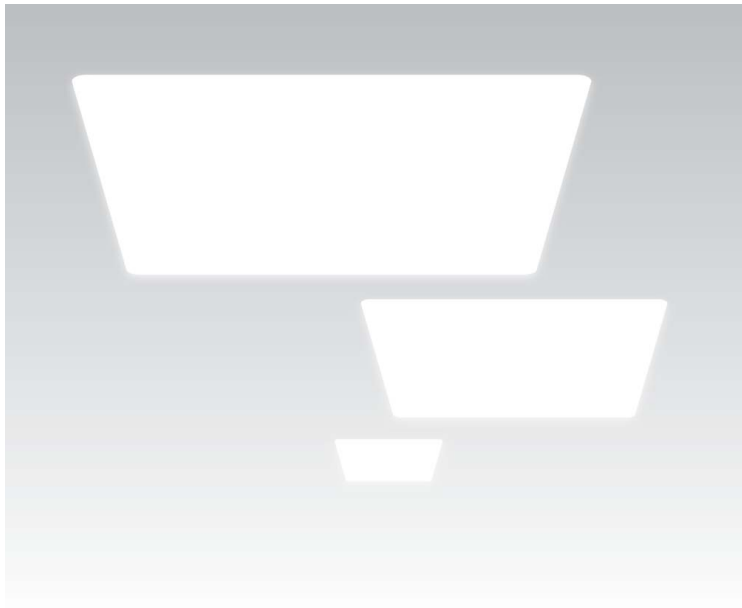
	Ø567mm	Ø637mm	Ø1117mm	Ø1407mm
ECLIPSE Trimless				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs



LOOP TR (Trimless)



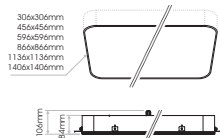
- LOOP is a complete series of square with rounded corners luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18,6*) as an option in the High Efficiency model.
- Luminaires material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

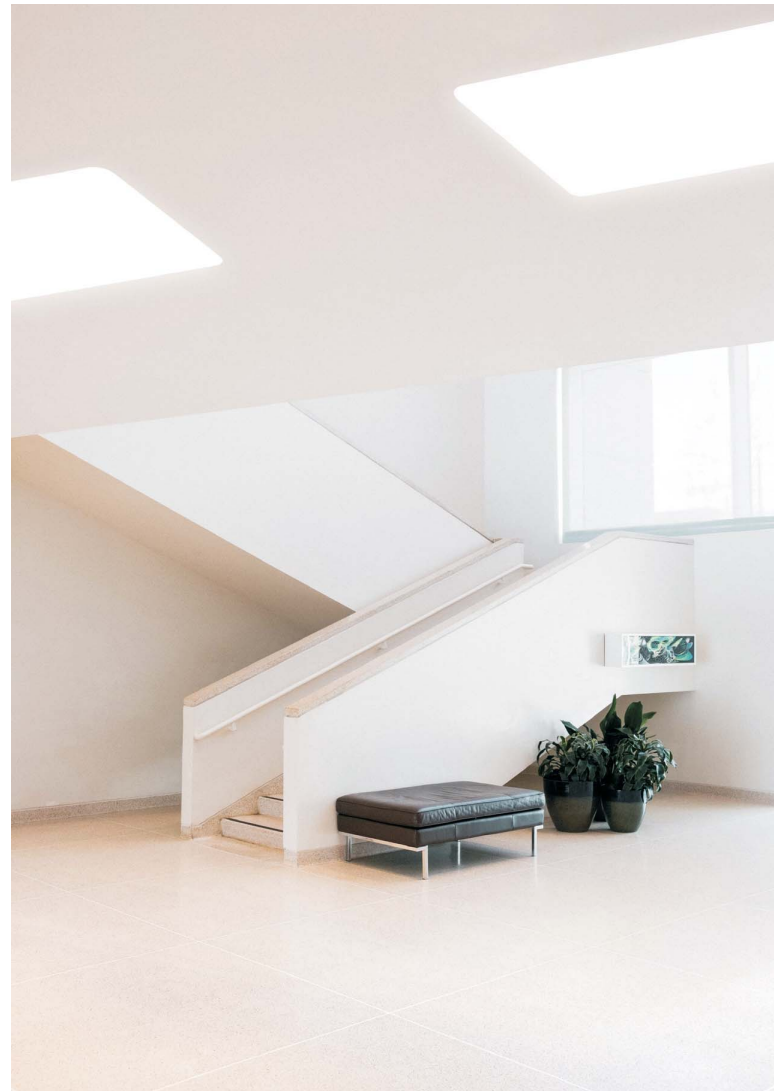
Available upon request:
✓ Custom luminaire colours
✓ Emergency version

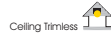
*Glare Evaluation: X=4H / Y=8H, S=0.25H. Reflection factors: 70/50/20



Cutting Hole:

307x307mm
457x457mm
597x597mm
867x867mm
1137x1137mm
1407x1407mm

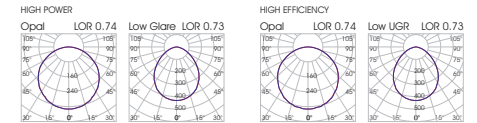




Model	Luminaire Colour	CCT	Watt / Diameter	CRI* LED Source	CRI* LED Source	Type	Voltage	Dimming Option	Extras				
LOOP Trimless High Power <i>(LOOP TR HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Fuction Standard <i>(0)</i> Emergency <i>(1)</i>				
		4000K <i>(40)</i>	17.6W / 30x30cm <i>(18W3030)</i> 39.5W / 45x45cm <i>(40W4545)</i> 75W / 59x59cm <i>(75W5959)</i> 153.5W / 86x86cm <i>(154W8686)</i> 272.8W / 113x113cm <i>(273W113113)</i> 426.3W / 140x140cm <i>(426W140140)</i>	2660lm 5860lm 10720lm 22150lm 39380lm 61540lm	2780lm 6160lm 11270lm 23290lm 41400lm 64700lm	Low Glare <i>(LG)**</i>							
	LOOP Trimless High Efficiency <i>(LOOP TR HE)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH EFFICIENCY	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K				Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Fuction Standard <i>(0)</i> Emergency <i>(1)</i>
			4000K <i>(40)</i>	6.6W / 30x30cm <i>(07W3030)</i> 13.4W / 45x45cm <i>(13W4545)</i> 25.9W / 59x59cm <i>(26W5959)</i> 58.3W / 86x86cm <i>(58W8686)</i> 103.7W / 113x113cm <i>(104W113113)</i> 162W / 140x140cm <i>(162W140140)</i>	1130lm 2250lm 4200lm 9450lm 16790lm 26230lm	1180lm 2370lm 4410lm 9930lm 17650lm 27580lm				Low UGR <i>(LU)**</i>			

* Available in CRI90 upon request.
** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: LOOP TR HP-WH-30-154W/8686-80-LG-230-ND-0



ORBIT TR (Trimless)



- ORBIT is a complete series of square with rounded corners luminaires available in surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



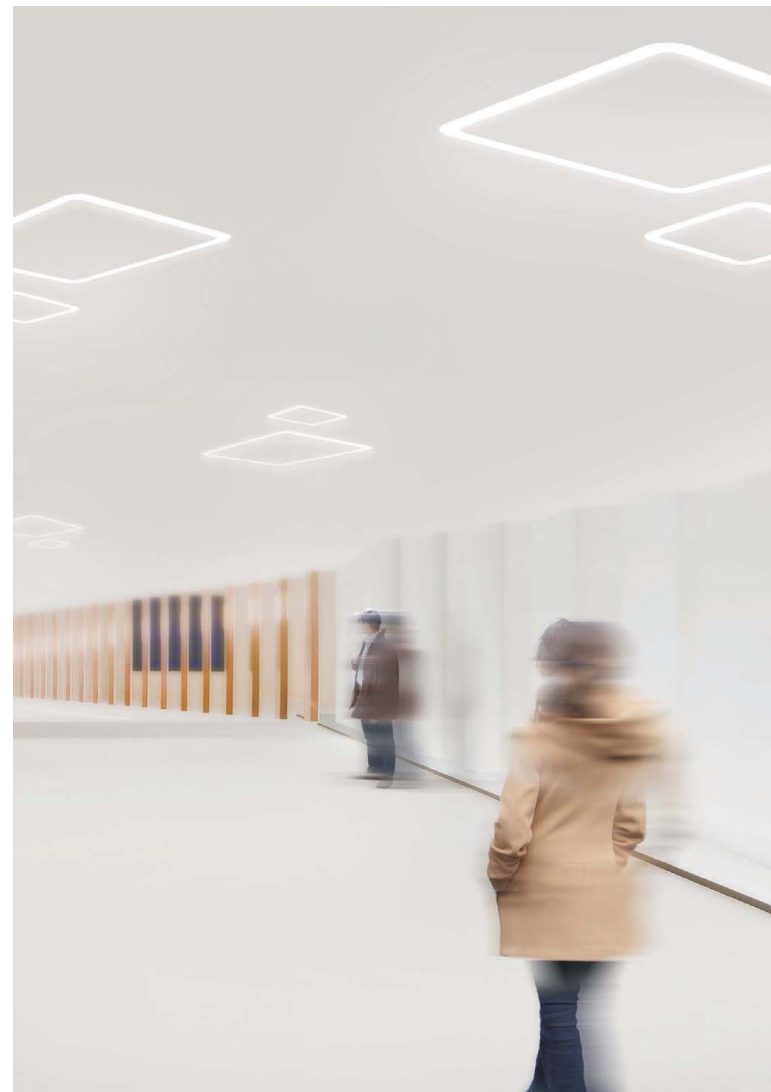
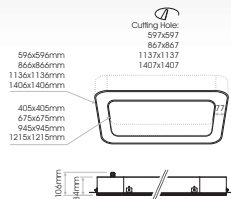
LED source efficacy up to 197lm/W (4000K)

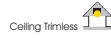
Luminaire efficacy up to 120lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

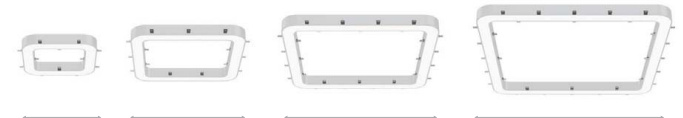




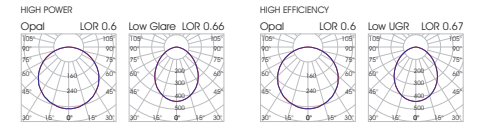
Model	Luminaire Colour	CCT	Watt / Diameter	CRI* LED Source	CRI* LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Trimless High Power (ORBIT TR HP)	White (WH)	3000K (30)	HIGH POWER	> 80 (80) 3000k	> 80 (80) 4000k	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard Emergency (1)
		4000K (40)	61.6W / 59x59cm (52W/5959)	9240lm	9750lm	Low Glare (LG)**	Analogue (1-10V) (A1)		
			93.6W / 86x86cm (94W/8686)	14050lm	14880lm		DALI (DL)		
			128.7W / 113x113cm (129W/113113)	19320lm	20430lm		Wireless (WL)		
			163.9W / 140x140cm (164W/140140)	24590lm	26000lm				
ORBIT Trimless High Efficiency (ORBIT TR HE)	White (WH)	3000K (30)	HIGH EFFICIENCY	> 80 (80) 3000k	> 80 (80) 4000k	Opal (OP)			
		4000K (40)	23.4W / 59x59cm (23W/5959)	3920lm	4150lm	Low UGR (LU)**			
			32.8W / 86x86cm (33W/8686)	5500lm	5880lm				
			45.1W / 113x113cm (45W/113113)	7650lm	8090lm				
			57.4W / 140x140cm (57W/140140)	9730lm	10290lm				

- * Available in CR190 upon request.
- ** Low Glare (UGR<20.8), Low UGR (UGR<18)

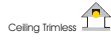
Ordering Code Example: ORBIT TR HP-WH-30-94W/8686-80-LG-230-ND-0



	59x59mm	86x86mm	113x113mm	140x140mm
ORBIT Trimless				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

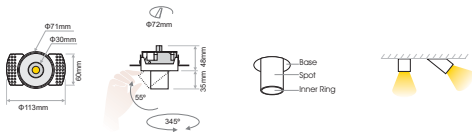


REFORM 30 TR



REFORM 30 TR

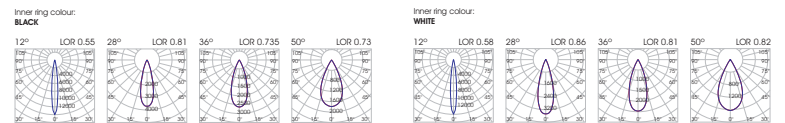
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



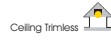
Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 30 Trimless (REFORM 30 TR)	3W (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	Base White (W) (V) (B) Black (B)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (D4) Push Button (PB) Phase Cut (PC) Wireless ** (W4)	Standard Honeycomb (H) Extras No Extras (E) Emergency (E1)
		3000K (30C)	310lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm	28° (28)		Spot White (W) (V) (B) Black (B)		
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
	3W (3)	2700K (27C)	396lm	320lm	36° (36)		Inner Ring White (W) (V) (B) Black (B)		
		3000K (30C)	396lm	342lm					
		4000K (40C)	428lm	369lm					
	6.3W (6)	2700K (27C)	669lm	540lm	50° (50)				
		3000K (30C)	669lm	577lm					
4000K (40C)		722lm	623lm						
			5000K (50C)	722lm	669lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
 ** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 TR-3-40C-80-36-AD-WWB-00-00

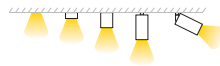
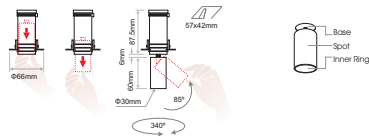


REFORM 30 IN-OUT TR



REFORM 30 IN-OUT TR

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3 watt and 6 watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the trimless luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 14 / black inner ring).
- Constant current 350mA @3W / 700mA @ 6.3W.



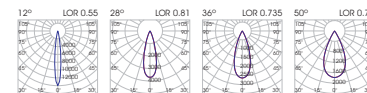
Model	LED Power	CCT*	CR880, CR890 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 30 IN-OUT Trimless <small>(REFORM 30 IO TR)</small>	3W (3)	2700K (27C)	340lm	250lm	12° (12)	Adjustable (AD)	Base White (W) Black (B)	Without Driver (00)	Standard Honeycomb (0) Extras No Extras (0) Emergency (1)
		3000K (30C)	340lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm			Spot White (W) Black (B)		
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)		Inner Ring White (W) Black (B)		
		3000K (30C)	396lm	342lm					
		4000K (40C)	428lm	369lm	36° (36)				
		5000K (50C)	428lm	396lm	50° (50)				
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

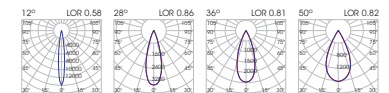
Ordering Code Example: REFORM 30 IO TR-3-40C-80-36-AD-WWB-00-10



Inner ring colour:
BLACK



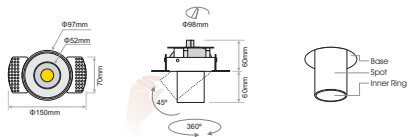
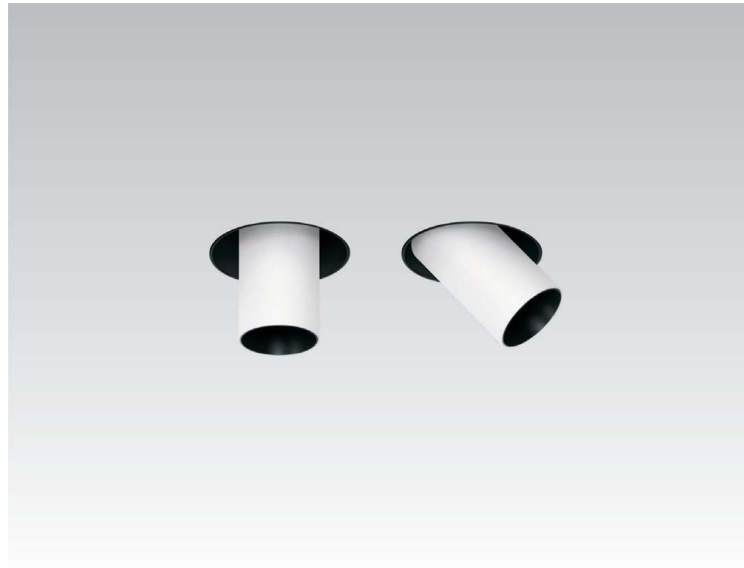
Inner ring colour:
WHITE



REFORM 52 TR



- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



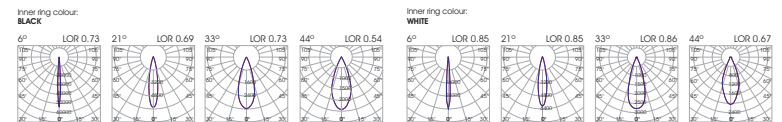
REFORM 52 TR



Model	LED Power	CCT*	CR80, CR90 LED source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 52 Trimless <i>(REFORM 52 TR)</i>	8.2W (8)	2700K (27C)	779mm	628mm	6° (06)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00)	Standard (01)
		3000K (30C)	779mm	673mm				Non Dimmable (ND)	Honeycomb (1)
4000K (40C)		841mm	726mm	Analogue (1-10V) (A1)				Line spread lens (2)	
5000K (50C)		903mm	779mm	DMX (DX)				Softening lens (3)	
	12W (12)	2700K (27C)	1590mm	1380mm	21° (21)			DAU (D4)	↓ (XX)
3000K (30C)		1710mm	1485mm	Push Button (PB)				EXTRAS	
4000K (40C)		1830mm	1590mm	Phase Cut (PC)				No Extras (10)	
5000K (50C)		1710mm	1590mm	Wireless ** (W)				Emergency (11)	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
 ** The wireless dimming option includes driver and Bluetooth dimming accessory.

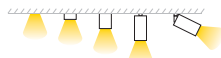
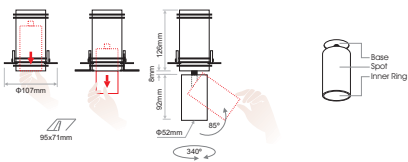
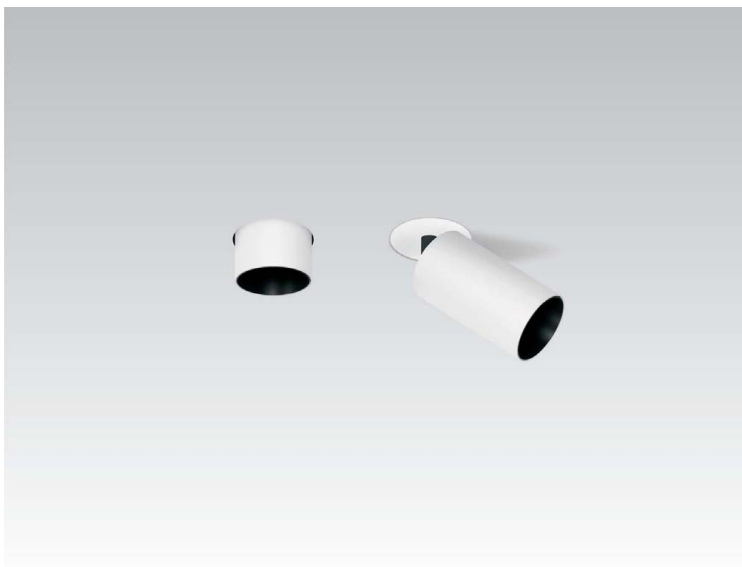
Ordering Code Example:
 REFORM 52 TR-12-40C-80-33-AD-WWB-00-01



REFORM 52 IN-OUT TR



- Reform 52 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 8.2 watt and 12 watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, PC parts.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Trimless luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).
- Constant current 350mA @8.2W / 700mA @ 12W.



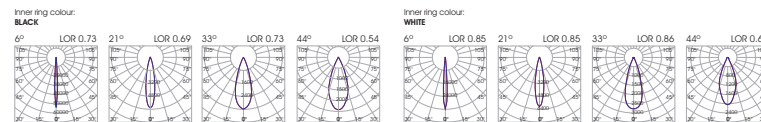
REFORM 52 IN-OUT TR



Model	LED Power	CCT*	CRI80, CRI90 LED source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80	90	(50)				
REFORM 52 IN-OUT Trimless <i>(REFORM 52 IO TR)</i>	8.2W (8)	2700K (27C)	779lm	628lm	6° (D4)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3) EXTRAS No Extras (0) Emergency (1)
		3000K (30C)	779lm	673lm					
		4000K (40C)	841lm	726lm					
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)				
3000K (30C)		1710lm	1485lm						
4000K (40C)		1830lm	1590lm						
			5000K (50C)	903lm	779lm				
			5000K (50C)	1710lm	1590lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example:
REFORM 52 IO TR-12-40C-80-33-AD-WWB-00-01



HIDE TR Series



- HIDE is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is offered in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- HIDE DEEP version is also available GU10 for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



HIDE TR Series

HIDE

TR Round



TR Square



TR Square Double



DEEP TR Round



DEEP TR Square



DEEP TR Square Double



HIDE MINI

TR Round



TR Square



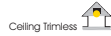
DEEP TR Round



DEEP TR Square



HIDE TR Series



HIDE



Name	Shape	Model Watt per LED	CCT	CR180, CR190 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
80 (80) 90 (90)								
HIDE TR <i>(HIDE TR)</i>	Round <i>(RD)</i>	Low Depth 7W <i>(LD7)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930lm 960lm 1020lm 1020lm	762lm 792lm 840lm 840lm	30° (30) DEEP* 27° (27)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
HIDE TR DEEP <i>(HIDE TR DEEP)</i>	Square <i>(SQ)</i>	Standard 6.2W <i>(ST6)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 713lm 760lm 736lm	568lm 608lm 650lm 704lm	19° (19) 35° (35) 50° (50) DEEP* 17° (17) 30° (30) 37° (37)		IP RATE IP20 (I1) IP54 (I1')
	Square Double <i>(SQD)</i>	Standard 12.2W <i>(ST12)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590lm 1710lm 1830lm 1710lm	1380lm 1485lm 1590lm 1590lm			EXTRAS No Extras (E1) Emergency Kit (E1')
		Standard 18W <i>(ST18)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067lm 2223lm 2379lm 2223lm	1794lm 1931lm 2067lm 2067lm			
		Narrow Beam 6W <i>(NB6)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616lm 616lm 665lm 714lm	497lm 532lm 574lm 616lm	9° (9)		
		Narrow Beam 8W <i>(NB8)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792lm 792lm 855lm 918lm	639lm 684lm 738lm 792lm			
		Zoom 6.4W <i>(ZM6)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 713lm 760lm 736lm	568lm 608lm 650lm 704lm	22°-50° <i>(2250)</i>		
		Zoom 13W <i>(ZM13)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306lm 1360lm 1435lm 1453lm	1098lm 1150lm 1236lm 1236lm			
		Warm Dimming 0.2-6W <i>(WD)</i>	1800K-3000K <i>(1830B)</i>	636lm 518lm	518lm	19° (19) 35° (35) 50° (50) DEEP* 17° (17) 30° (30) 37° (37)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	

*Beam angle only for DEEP version.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
HIDE TR-RD-ST18-30C-80-35-WWW-DL-100



HIDE TR Series

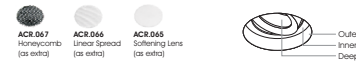
HIDE MINI



Name	Shape	Model	CCT	CR180, CR190 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
80 (80) 90 (90)								
HIDE MINI TR <i>(HIDE MINI TR)</i>	Round <i>(RD)</i>	Standard 3W <i>(ST3)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	396lm 396lm 428lm 428lm	320lm 342lm 369lm 396lm	27° (27) 35° (35) 47° (47)	Without Driver Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
HIDE MINI TR DEEP <i>(HIDE MINI TR DEEP)</i>	Square <i>(SQ)</i>	Standard 4.3W <i>(ST4)</i>	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	528lm 528lm 570lm 570lm	426lm 456lm 492lm 528lm	DEEP* 25° (25) 30° (30) 38° (38)		IP RATE IP20 (I1) IP54 (I1')
								EXTRAS No Extras (E1) Emergency Kit (E1')

*Beam angle only for DEEP version.
** Inner Case applicable only for DEEP versions.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
HIDE MINI TR DEEP-RD-ST4-30C-80-38-WWW-DL-100



HIDE DEEP LL

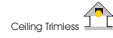


Model	Shape	Luminaire Colour	Lamp Holder	Accessories
HIDE TR DEEP LL <i>(HIDE TR DEEP LL)</i>	Round (RD) Square (SQ) Square Double (SQD)	OUTER White (W) Black (B)	GU10 (max 7.5W) (G1)	INNER White (W) Black (B)
		DEEP White (W) Black (B)		COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
				IP RATE IP20 (I1) IP54 (I1')

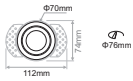
Ordering Code Example:
HIDE TR DEEP LL-RD-WWW-G1-10



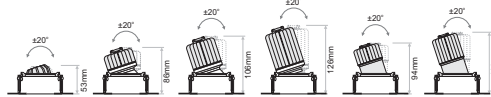
HIDE Series



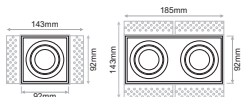
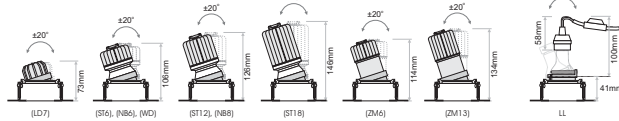
HIDE



HIDE TR Round



HIDE DEEP TR Round



94x94mm

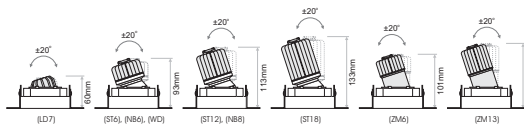
1185x94mm



HIDE TR Square



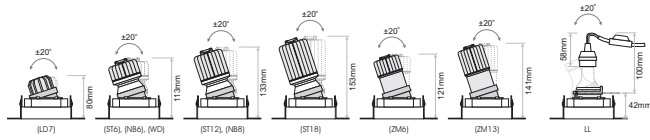
HIDE TR Square Double



HIDE DEEP TR Square

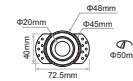


HIDE DEEP TR Square Double

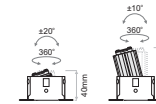


HIDE Series

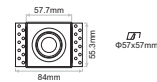
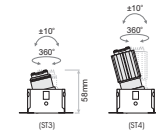
HIDE MINI



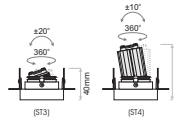
HIDE MINI TR Round



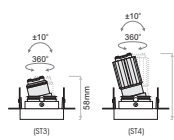
HIDE MII DEEP TR Round



HIDE MINI TR Square



HIDE MII DEEP TR Square

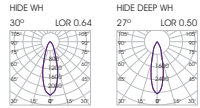


HIDE TR Series

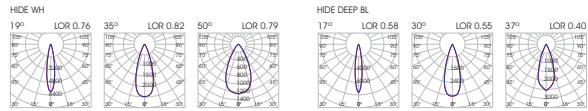


HIDE

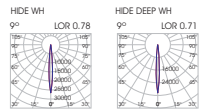
LD7



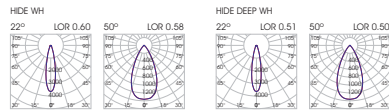
ST6/ ST12/ ST18/ WD



NB6/ NB8

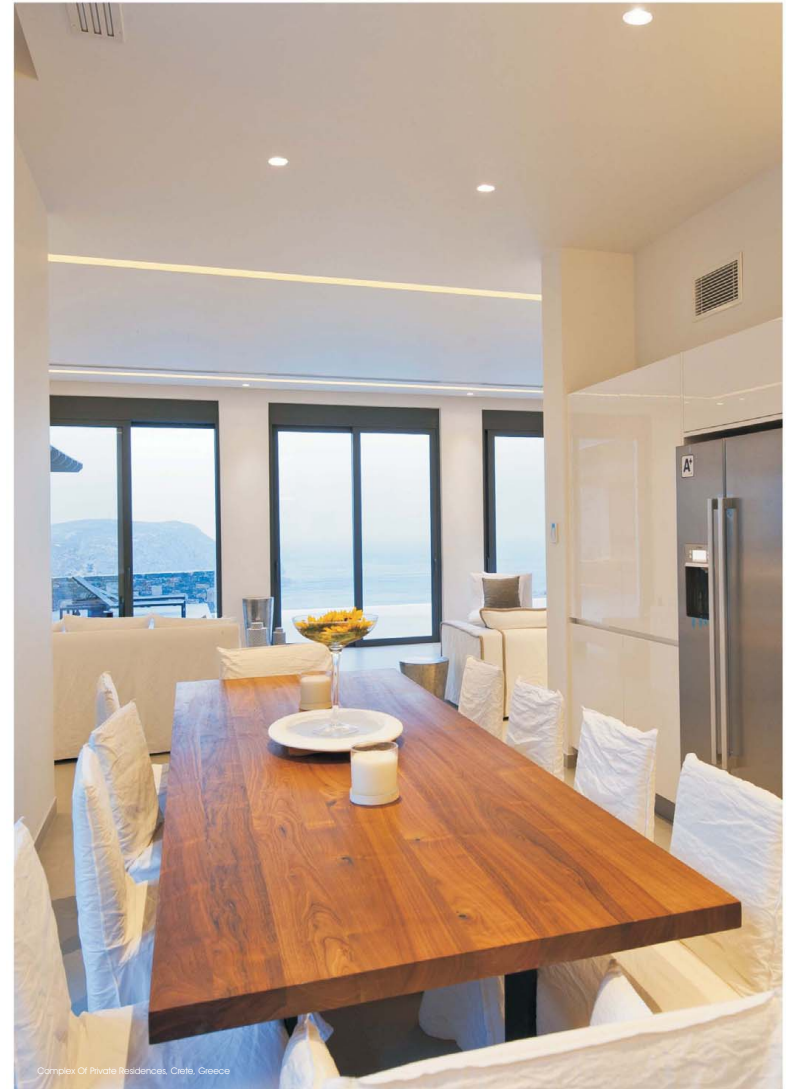
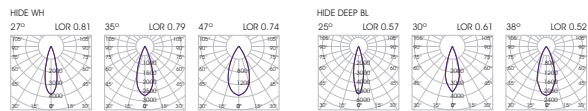


ZM6/ ZM13



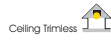
HIDE MINI

ST3 / ST4



Complex Of Private Residences, Crete, Greece

WHISPER TR Series



- Whisper is a high aesthetically downlight.
- It is offered either recessed or timeless.
- It is available either round or square.
- WHISPER DEEP version is also available for GU10 LED lamps.
- Luminaire outer trim material: aluminium.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15).
- Selection of IP protection: either IP20 or IP54 (face only).



WHISPER TR Series



Name	Shape*	Model	CCT		CR180, CR190 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories		
WHISPER TR <i>(WHISPER TR)</i>	Round <i>(RD)</i>	Low Depth 7W <i>(LD7)</i>	80 <i>(80)</i> 90 <i>(90)</i>		2700K <i>(27C)</i>	930lm	762lm	White <i>(WH)</i> Black <i>(BK)</i>	Without Driver <i>(DD)</i> Non Dimmable <i>(ND)</i> Analogue (1-10V) <i>(A1)</i> DMX <i>(DX)</i> DALI <i>(DL)</i> Push Button <i>(PB)</i> Phase Cut <i>(PC)</i> Wireless** <i>(WL)</i>	COVER <i>(XXX)</i> Standard <i>(SD)</i> Honeycomb <i>(HO)</i> Linear Spread <i>(LS)</i> Softening Lens <i>(SL)</i>	
			3000K <i>(30C)</i>		960lm	792lm					
			4000K <i>(40C)</i>		1020lm	840lm					
		5000K <i>(50C)</i>		1020lm	840lm						
		2700K <i>(27C)</i>		704lm	568lm	18° <i>(18)</i> 37° <i>(37)</i> 52° <i>(52)</i>	18° <i>(18)</i> 37° <i>(37)</i> 52° <i>(52)</i>				
		3000K <i>(30C)</i>		713lm	608lm						
		4000K <i>(40C)</i>		760lm	656lm						
		5000K <i>(50C)</i>		736lm	704lm						
		2700K <i>(27C)</i>		1590lm	1380lm						
		3000K <i>(30C)</i>		1710lm	1485lm						
		4000K <i>(40C)</i>		1830lm	1590lm						
		5000K <i>(50C)</i>		1710lm	1590lm						
	2700K <i>(27C)</i>		2067lm	1794lm							
	3000K <i>(30C)</i>		2223lm	1931lm							
	4000K <i>(40C)</i>		2379lm	2067lm							
	5000K <i>(50C)</i>		2223lm	2067lm							
	2700K <i>(27C)</i>		616lm	497lm	90° <i>(90)</i>						
	3000K <i>(30C)</i>		616lm	532lm							
	4000K <i>(40C)</i>		665lm	574lm							
	5000K <i>(50C)</i>		714lm	616lm							
	2700K <i>(27C)</i>		792lm	639lm							
	3000K <i>(30C)</i>		792lm	684lm							
	4000K <i>(40C)</i>		855lm	738lm							
	5000K <i>(50C)</i>		918lm	792lm							
2700K <i>(27C)</i>		704lm	568lm	22°-50° <i>(2250)</i>							
3000K <i>(30C)</i>		713lm	608lm								
4000K <i>(40C)</i>		760lm	656lm								
5000K <i>(50C)</i>		736lm	704lm								
2700K <i>(27C)</i>		1306lm	1098lm								
3000K <i>(30C)</i>		1360lm	1150lm								
4000K <i>(40C)</i>		1435lm	1236lm								
5000K <i>(50C)</i>		1453lm	1236lm								
90 <i>(90)</i> 95 <i>(95)</i>		1800K-3000K <i>(18308)</i>		636lm	518lm	18° <i>(18)</i> 37° <i>(37)</i> 52° <i>(52)</i>		Analogue (1-10V) <i>(A1)</i> DALI <i>(DL)</i> Phase Cut <i>(PC)</i> Wireless*** <i>(WL)</i>	IP RATE IP20 <i>(I20)</i> IP54 <i>(I54)</i>		
Warm Dimming 0.2-6W <i>(WD)</i>		1800K-3000K <i>(18308)</i>		636lm	518lm						
		1800K-3000K <i>(18308)</i>		636lm	518lm						

* WHISPER ADJ only available in round shape
** The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example:
WHISPER TR-RD-ST18-30C-80-37-WH-DL-100





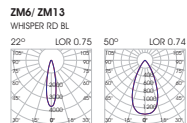
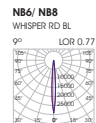
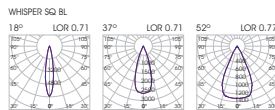
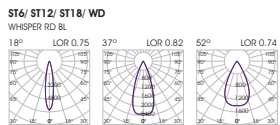
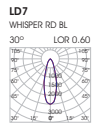
WHISPER DEEP LL



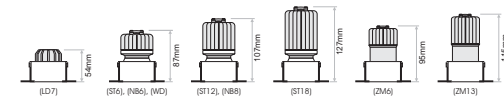
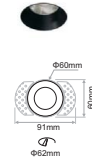
Model	Shape	Luminaire Colour:	Lamp Holder	Accessories
WHISPER TR DEEP LL <i>(WHISPER TR DEEP LL)</i>	Round (RD) Square (SQ)	White (Wh) Black (Bl)	GU10 (max 7.5W) (G1)	(XX) COVER Standard (S) Honeycomb (H) Linear Spread (L) Softening Lens (SO) # SAFE IP20 (I2) IP54 (I4)



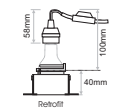
Ordering Code Example:
WHISPER TR DEEP LL-RD-WW-G1-10



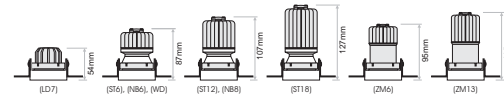
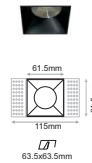
WHISPER TR Round



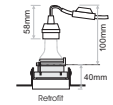
WHISPER TR DEEP Round



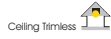
WHISPER TR Square



WHISPER TR DEEP Square



CRUSH TR Series



- Crush is a downlight available either recessed or trimless.
- It is available in square form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for GU10 LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15).
- Selection of IP protection: either IP20 or IP54 (face only).



TR



TR Double



CRUSH TR Series



CRUSH

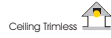
Name	Model	Watt per LED	CCT	CR180, CR190 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (80) 90 (90)				
CRUSH TR (CRUSH TR)	Low Depth 7W (LD7)	2700K (27C)	930m	762m	30° (30)	White (WH)	Without Driver (00)	COVER Standard (010) Honeycomb (100) Linear Spread (200) Softening Lens (300) IP RATE IP20 (103) IP54 (114) EXTRAS No Extras (000) Emergency Kit (001)
		3000K (30C)	960m	792m		Black (BL)	Non Dimmable (ND)	
		4000K (40C)	1020m	840m		Analogue (1-10V) (A1)		
CRUSH TR Double (CRUSH TR DB)	Standard 6.2W (ST6)	2700K (27C)	704m	568m	19° (19) 35° (35) 50° (50)		DMX (D0) DALI (D1) Push Button (PB) Phase Cut (PC) Wireless* (WL)	
		3000K (30C)	713m	608m				
		4000K (40C)	760m	656m				
Standard 12.2W (ST12)	2700K (27C)	1590m	1380m					
	3000K (30C)	1710m	1485m					
	4000K (40C)	1830m	1590m					
Standard 18W (ST18)	2700K (27C)	2067m	1794m					
	3000K (30C)	2223m	1931m					
	4000K (40C)	2379m	2067m					
Narrow Beam 6W (NB6)	2700K (27C)	616m	497m	9° (09)				
	3000K (30C)	616m	532m					
	4000K (40C)	665m	574m					
Narrow Beam 8W (NB8)	2700K (27C)	792m	639m					
	3000K (30C)	792m	684m					
	4000K (40C)	855m	738m					
Zoom 6.4W (ZM6)	2700K (27C)	704m	568m	22°-50° (2250)				
	3000K (30C)	713m	608m					
	4000K (40C)	760m	656m					
Zoom 13W (ZM13)	2700K (27C)	1305m	1098m					
	3000K (30C)	1360m	1150m					
	4000K (40C)	1435m	1236m					
Warm Dimming 0.2-6W (WD)				90 (90) 95 (95)	19° (19) 35° (35) 50° (50)		Analogue (1-10V) (A1) DALI (D1) Phase Cut (PC) Wireless* (WL)	
	1800K-3000K (18308)	636m	518m					

* The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example:
CRUSH TR-ST18-30C-80-50-WH-DL-100





CRUSH LL



Model	Luminaire Colour:	Lamp Holder	Accessories
CRUSH TR LL <i>(CRUSH TR LL)</i>	White/White (WW) White/Black (WB)	GU10 (max 7.5W) (G1)	COVER Standard [01] Honeycomb [11] Linear Spread [21] Softening Lens [31]
CRUSH TR Double LL <i>(CRUSH TR DB LL)</i>	Black/Black (BB) Black/White (BW)		
			# SAFE IP20 [13] IP54 [14]



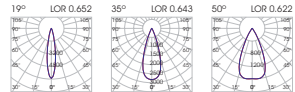
Ordering Code Example:
CRUSH TR LL-WW-G1-10



LD7



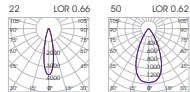
ST6/ ST12/ ST18/ WD



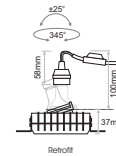
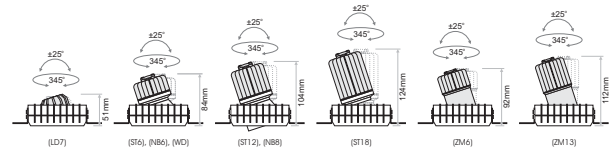
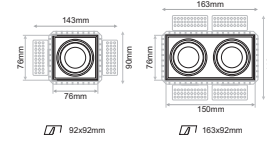
NB6/ NB8




ZM6/ ZM13



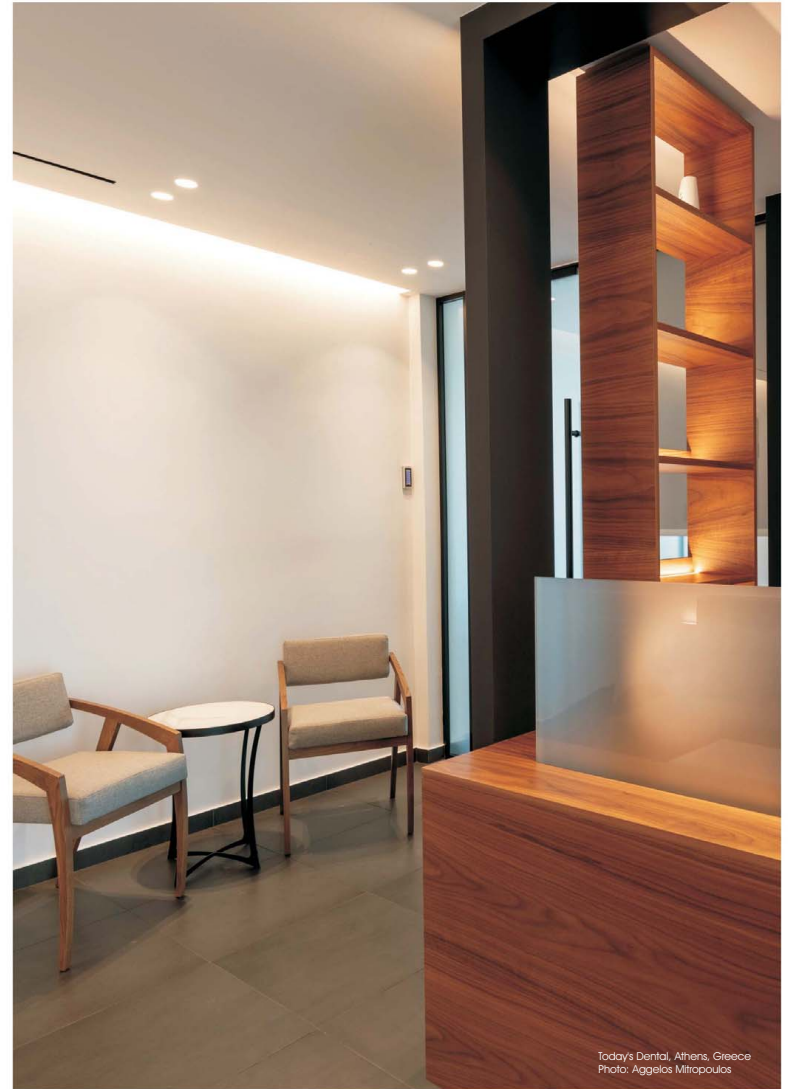
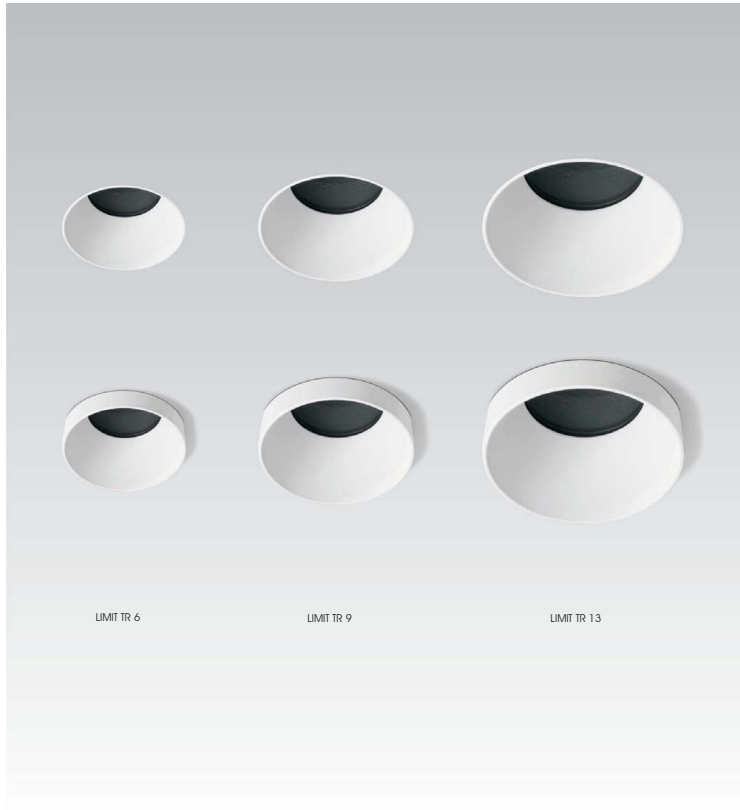
CRUSH TR
CRUSH TR Double



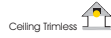
LIMIT TR

Ceiling Timless 

- Limit TR is an elegant waterproof timeless downlight available in 3 different sizes.
- Limit TR may also be 9/12mm lowered from the ceiling offering a special note to any space.
- It has a low UGR ensuring visual comfort.
- Available in either black or white colour.
- It offers a selection of dimming options.
- 3 SDCM
- L90B10 50.000h
- IP Protection: IP67/IP66



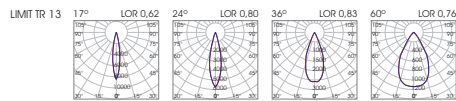
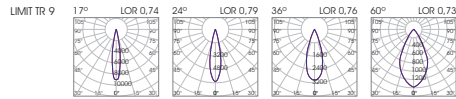
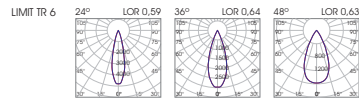
Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos



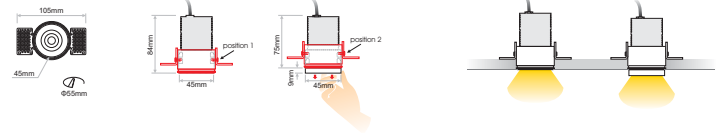
Model	LED Power	CCT*	CR180, CR90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
LIMIT TR <i>(LIMIT TR)</i>	6.4W (5)		80 (80) 90 (90)	24° (24) 36° (36) 48° (48)	Fixed (FX)	White (WH) Black (BK)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	No Extras (0) Emergency (1) Honeycomb (2)
			2700K (278) 793lm 655lm					
			3000K (308) 843lm 684lm					
			4000K (408) 867lm 724lm					
			5000K (508) 878lm 759lm					
	8.8W (9)		1204lm 993lm					
			3000K (308) 1279lm 1038lm					
			4000K (408) 1316lm 1098lm					
			5000K (508) 1331lm 1151lm					
			17° (17)					
			24° (24)					
12.8W (13)		1678lm 1384lm						
		3000K (308) 1783lm 1447lm						
		4000K (408) 1835lm 1531lm						
		5000K (508) 1857lm 1605lm						
		36° (36)						
		60° (60)						

* Models with CCTs of 3500K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

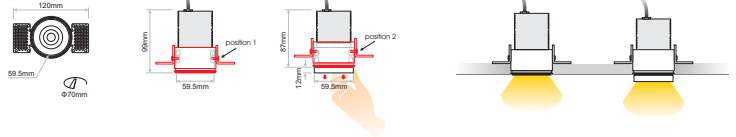
Ordering Code Example: LIMIT TR-9-408-90-36-FX-WH-DL-0



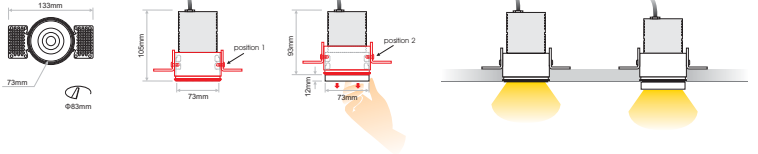
LIMIT TR 6



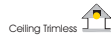
LIMIT TR 9



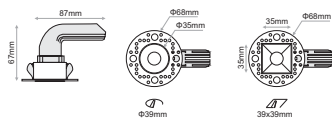
LIMIT TR 13



POLAR TR



- Polar is a miniaturized downlight available either trimless or recessed.
- It is ideal in spaces with low depth ceiling due to its special design.
- It has a low UGR ensuring visual comfort (UGR<1.6).
- It is available either round or square.
- Body material: aluminium.
- Trimless outer base: PC.
- Maximum driving current 700mA.
- System Consumption@ 700mA 10 Watt.
- 3 SDCM
- L90/B10 50.000h
- Selection of IP protection: either IP40 or IP44.

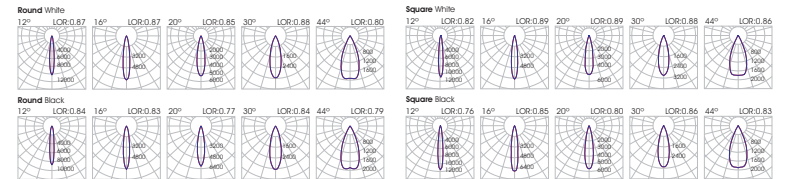


POLAR TR



Model	Type	LED Power	IP Protection	CCF	CR80, CR90 LED Source	Beam Angle	Type	Colour	Dimming Option	
					80 (80) 90 (90)					
POLAR Trimless <i>(POLAR TR)</i>	Round (R)	8.2W (8)	IP40 (40)	2700K (27C)	792lm	639lm	12° (N)	Fixed (FX)	White (WH)	Without Driver (OD)
	Square (S)		IP44 (44)	3000K (30C)	792lm	684lm	16° (NR)	Black (BL)	Non Dimmable (ND)	
				3500K (35C)	855lm	684lm	20° (MC)		Phase Cut Dimmable (PC)	
				4000K (40C)	855lm	738lm	30° (MC)			
				5000K (50C)	918lm	792lm	44° (MW)			

Ordering Code Example:
POLAR TR R8-44-30C-80-NR-FX-WH-00



FOCUS TR



FOCUS TR

- Focus is a series of trimless downlights.
- Offered with IP44 LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Inner part available in white, black, gold or silver colour.
- 3 SDCM
- L90/B10 50,000h
- Low UGR ensuring visual comfort (UGR < 10).



Name	Model (LED Power)	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
FOCUS Trimless <i>(FOCUS TR)</i>	6.1W <i>(6)</i>	2700K (27B)	812lm	677lm	18° (18)	Adjustable (AD)	White (W)	Without Driver (00)	No Extra (00)
		3000K (30B)	845lm	705lm	24° (24)	Fixed (FX)	Black (B)	Non Dimmable (ND)	Emergency Kit (01)
		4000K (40B)	879lm	733lm	32° (32)		Gold (G)	Analogue (1-10V) (A1)	
	10.3W <i>(10)</i>	2700K (27B)	1379lm	1138lm	48° (48)		Silver (S)	DMX (DX)	
		3000K (30B)	1435lm	1180lm				DAI (DA)	
		4000K (40B)	1479lm	1265lm				Push Button (PB)	
Warm Dimming 6.1W <i>(WD)</i>		1800K-3000K (1830B)	518lm				Phase Cut (PC)		
							Wireless*** (WL)		

* CCT: 3500K, 5000K, 6500K available upon request.

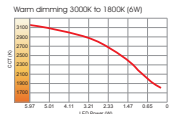
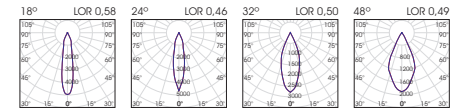
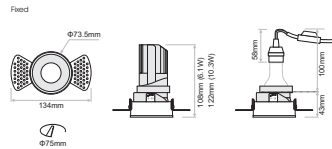
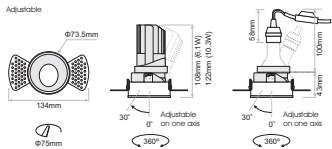
** Other RAL colours available upon request.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: FOCUS TR-6-30B-90-32-AD-B-00-00

Model	Type	Colour	Lamp Holder	Lamp
FOCUS Trimless LL <i>(FOCUS TR LL)</i>	Adjustable (AD) Fixed (FX)	White (WH) Black (BL) Gold (GL) Silver (SL)	GU10 (max 7.5W) (G1)	Lamp Not included

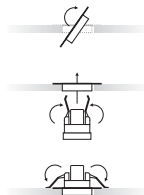
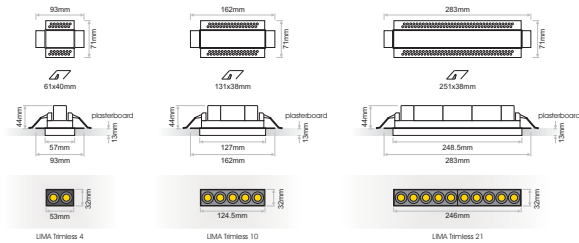
Ordering Code Example: FOCUS TR LL-FX-WH-BL-G1



LIMA TR



- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model)
- In tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50,000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40



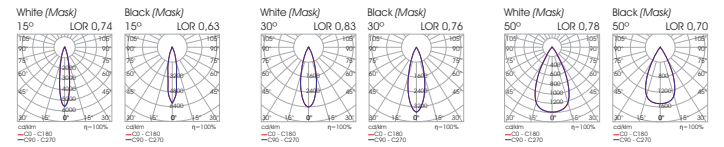
LIMA TR

CREE LED IP40

Model (LED Power)	CCT	C8180, C8190 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80)	90 (90)					
LIMA 4W Trimless <i>(LIMA 4 TR)</i>	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White (WH)	Without Driver (00)	COVER Standard (01)
	3000K (30C)	528lm	494lm		30° (30)	Black (BL)	Non Dimmable (ND)	
	4000K (40C)	562lm	528lm		50° (50)		Analogue (1-10V) (A1)	
	6500K (65C)	592lm	-				DMX (DX)	
LIMA 10W Trimless <i>(LIMA 10 TR)</i>	2700K (27C)	1320lm	1160lm				Push Button (PB)	EXTRAS No Extras (10) Emergency Kit (11)
	3000K (30C)	1320lm	1235lm				DALI (DL)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA 21W Trimless <i>(LIMA 21 TR)</i>	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LIMA 10 TR-30C-80-FX-50-WH-ND-00

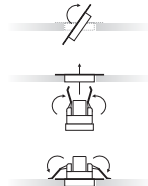
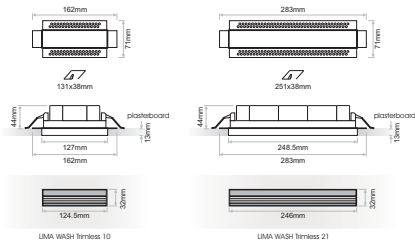
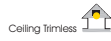


Luminaire Colour: Mask



LIMA WASH TR

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50,00h
- Constant current
- Indoor use: IP40



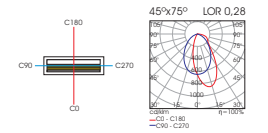
LIMA WASH TR



Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
		80 (80)	90 (90)					
LIMA WASH 10W Trimless <i>(LIMA W10 TR)</i>	2700K (27C)	1320lm	1160lm	Fixed (FX)	45°x75° (45)	Black (BL)	Without Driver (00)	COVER Standard (ND) Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
LIMA WASH 21W Trimless <i>(LIMA W21 TR)</i>	2700K (27C)	2640lm	2320lm	Fixed (FX)	45°x75° (45)	Black (BL)	Without Driver (00)	COVER Standard (ND) Non Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LIMA W21 TR-30C-80-FX-45-BL-ND-00



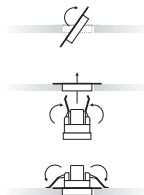
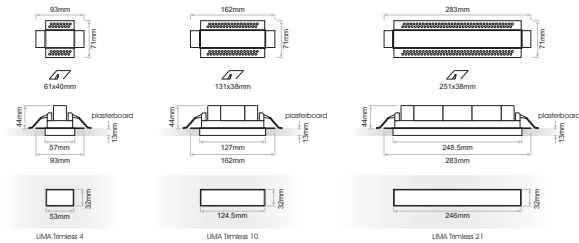
Luminaire Colour:



LIMA DIFFUSED TR



- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or timeless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50,000h
- Constant current
- Indoor use: IP40



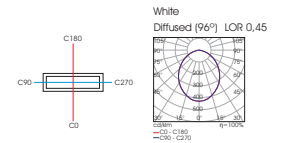
LIMA DIFFUSED TR



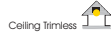
Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
LIMA Diffused 4W Timless <i>(LIMA DF 4 TR)</i>	2700K (27C)	528lm	454lm	Fixed (FX)	Diffused (DF)	White (Wh) Black (Bl)	Without Driver (0D) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (0') EXTRAS No Extras (1') Emergency Kit (1')
	3000K (30C)	528lm	494lm					
	4000K (40C) 6500K (65C)	522lm 592lm	528lm -					
LIMA Diffused 10W Timless <i>(LIMA DF 10 TR)</i>	2700K (27C)	1320lm	1160lm					
	3000K (30C)	1320lm	1235lm					
	4000K (40C) 6500K (65C)	1405lm 1480lm	1320lm -					
LIMA Diffused 21W Timless <i>(LIMA DF 21 TR)</i>	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C) 6500K (65C)	2810lm 2960lm	2640lm -					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LIMA DF 10 TR-30C-80-FX-DF-WH-ND-00



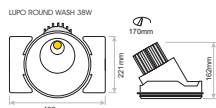
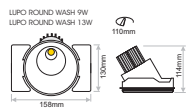
LUPO ROUND WASH



Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Round Wash (LUPO RW)	9W (9)	2700K (27L)	950lm	Fixed (FX)	95 (95)	15° (15) 38° (38) 60° (60)	White (WH) Black (BL)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (2X) DALI (2L) Wireless* (1A)	cover Standard (01) ↓ (X) ↑ (X) EXTRAS No Extras (00) Emergency (1)
		3000K (30L)	1010lm						
		3500K (35L)	1040lm						
		4000K (40L)	1080lm						
		5000K (50L)	1090lm						
	13W (13)	2700K (27L)	1240lm						
		3000K (30L)	1325lm						
		3500K (35L)	1365lm						
		4000K (40L)	1420lm						
		5000K (50L)	1430lm						
	38W (38)	2700K (27L)	4180lm			15° (15) 24° (24)			
		3000K (30L)	4425lm						
3500K (35L)		4570lm							
4000K (40L)		4712lm							
5000K (50L)		4800lm							

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO RW38-30L-FX-95-24-WH-ND-00



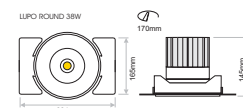
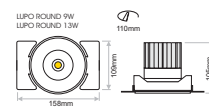
LUPO ROUND




Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Round (LUPO R)	9W (9)	2700K (27L)	950lm	Fixed (FX)	95 (95)	15° (15) 38° (38) 60° (60)	White (WH) Black (BL)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (2X) DALI (2L) Wireless* (1A)	cover Standard (01) ↓ (X) ↑ (X) EXTRAS No Extras (00) Emergency (1)
		3000K (30L)	1010lm						
		3500K (35L)	1040lm						
		4000K (40L)	1080lm						
		5000K (50L)	1090lm						
	13W (13)	2700K (27L)	1240lm						
		3000K (30L)	1325lm						
		3500K (35L)	1365lm						
		4000K (40L)	1420lm						
		5000K (50L)	1430lm						
	38W (38)	2700K (27L)	4180lm			15° (15) 24° (24)			
		3000K (30L)	4425lm						
3500K (35L)		4570lm							
4000K (40L)		4712lm							
5000K (50L)		4800lm							

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO R38-30L-FX-95-24-WH-ND-00



LUPO SQUARE WASH

Ceiling Timless 

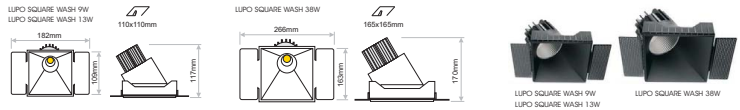


LIGHTSOURCE BY
LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
LUPO Square Wash <i>(LUPO SW)</i>	9W (9)	2700K (27L)	950lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	cover Standard (01) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency (14)	
		3000K (30L)	1010lm			38° (38)	Black (BL)			
		3500K (35L)	1040lm			60° (60)				
		4000K (40L)	1080lm							
		5000K (50L)	1090lm							
	13W (13)	2700K (27L)	1240lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	cover Standard (01) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency (14)	
		3000K (30L)	1325lm			38° (38)				Black (BL)
		3500K (35L)	1365lm			60° (60)				
		4000K (40L)	1420lm							
		5000K (50L)	1430lm							
	38W (38)	2700K (27L)	4180lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	cover Standard (01) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency (14)	
		3000K (30L)	4425lm			38° (38)				Black (BL)
		3500K (35L)	4570lm			60° (60)				
		4000K (40L)	4712lm							
		5000K (50L)	4800lm							

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO SW38-30L-FX-95-24-WH-ND-00



Ceiling Timless 

LUPO SQUARE

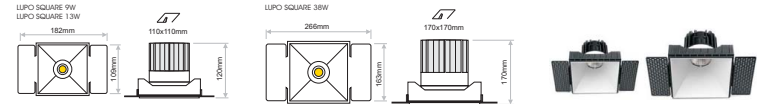


LIGHTSOURCE BY
LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
LUPO Square <i>(LUPO S)</i>	9W (9)	2700K (27L)	950lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	cover Standard (01) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency (14)	
		3000K (30L)	1010lm			38° (38)	Black (BL)			
		3500K (35L)	1040lm			60° (60)				
		4000K (40L)	1080lm							
		5000K (50L)	1090lm							
	13W (13)	2700K (27L)	1240lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	cover Standard (01) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency (14)	
		3000K (30L)	1325lm			38° (38)				Black (BL)
		3500K (35L)	1365lm			60° (60)				
		4000K (40L)	1420lm							
		5000K (50L)	1430lm							
	38W (38)	2700K (27L)	4180lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (00) Non-Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	cover Standard (01) ↓ (XX) ↑ EXTRAS No Extras (10) Emergency (14)	
		3000K (30L)	4425lm			38° (38)				Black (BL)
		3500K (35L)	4570lm			60° (60)				
		4000K (40L)	4712lm							
		5000K (50L)	4800lm							

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO S38-30L-FX-95-24-WH-ND-00



HELIO

- HELIO is a firmless adjustable plaster luminaire.
- 3 SDCM
- L90/810 50.000h

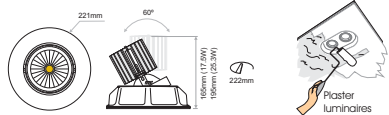


LIGHTSOURCE BY
bridgelux.

Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CR80	CR90	CR97						
HELIO (HELIO)	17.5W (18)	2700K (278)	2482lm	2048lm	1815lm	Adjustable (AC)	80 (80)	45° (45)	White (WH)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (01) ↓ (XX) ↑ EXTRAS (02) ↑ No Extras (03) Emergency (14)
		3000K (308)	2637lm	2140lm	1939lm		90 (90)				
		4000K (408)	2714lm	2265lm	-		97 (97)				
	25.3W (25)	2700K (278)	3384lm	2792lm	2475lm	Adjustable (AC)	80 (80)	34° (34)	White (WH)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (01) ↓ (XX) ↑ EXTRAS (02) ↑ No Extras (03) Emergency (14)
		3000K (308)	3595lm	2919lm	2644lm		90 (90)				
		4000K (408)	3701lm	3088lm	-		97 (97)				
	5700K (578)	3595lm	-	-							

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HELIO-25-308-AD-90-45-WH-ND-00



PANDORA

- PANDORA is a firmless adjustable plaster luminaire.
- 3 SDCM
- L90/810 50.000h

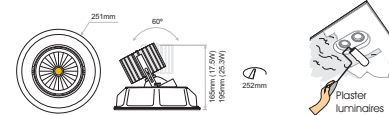


LIGHTSOURCE BY
bridgelux.

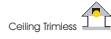
Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CR80	CR90	CR97						
PANDORA (PANDORA)	17.5W (18)	2700K (278)	2482lm	2048lm	1815lm	Adjustable (AC)	80 (80)	34° (34)	White (WH)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (01) ↓ (XX) ↑ EXTRAS (02) ↑ No Extras (03) Emergency (14)
		3000K (308)	2637lm	2140lm	1939lm		90 (90)				
		4000K (408)	2714lm	2265lm	-		97 (97)				
	25.3W (25)	2700K (278)	3384lm	2792lm	2475lm	Adjustable (AC)	80 (80)	34° (34)	White (WH)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (01) ↓ (XX) ↑ EXTRAS (02) ↑ No Extras (03) Emergency (14)
		3000K (308)	3595lm	2919lm	2644lm		90 (90)				
		4000K (408)	3701lm	3088lm	-		97 (97)				
	5700K (578)	3595lm	-	-							

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

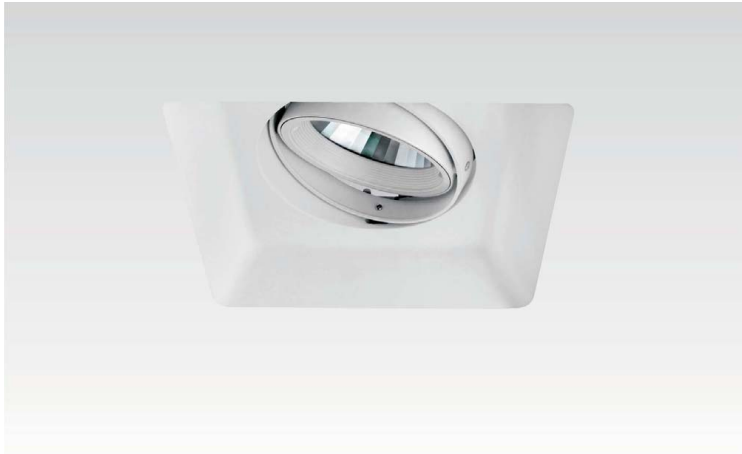
Ordering Code Example: PANDORA-25-308-AD-90-34-WH-ND-00



HEKTOR



- HEKTOR is a timeless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

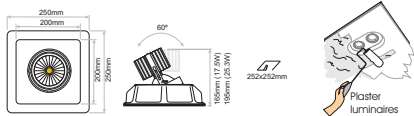


LIGHTSOURCE BY
bridgelux.

Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
			CR80	CR90	CR97							
HEKTOR (HEKTOR)	17.5W (18)	2700K (278)	2482lm	2048lm	1815lm	Adjustable (AC)	80 (80)	34° (34)	White (WH)	Without Driver (D)	COVER Standard (D)	
		3000K (308)	2637lm	2140lm	1939lm		90 (90)			No Dimmable (ND)		
		4000K (408)	2714lm	2265lm	-		97 (97)					Analogue (1-10V) (A1)
	25.3W (25)	5700K (578)	2637lm	-	-	Adjustable (AC)	80 (80)	34° (34)	White (WH)	DMX (D)	EXTRAS (E)	
		2700K (278)	3384lm	2792lm	2475lm					90 (90)		No Extras (N)
		3000K (308)	3595lm	2919lm	2644lm					97 (97)		
		4000K (408)	3701lm	3088lm	-					Phase Cut (PC)		Emergency (E)
		5700K (578)	3595lm	-	-					Wireless*** (W)		

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HEKTOR 25-30B-AD-90-34-WH-ND-00



GALINO



- GALINO is a timeless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

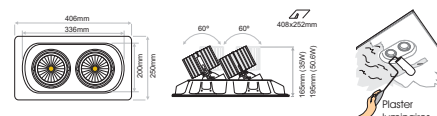


LIGHTSOURCE BY
bridgelux.

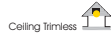
Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
			CR80	CR90	CR97							
GALINO (GALINO)	35W (35)	2700K (278)	4964lm	4096lm	3630lm	Adjustable (AC)	80 (80)	34° (34)	White (WH)	Without Driver (D)	COVER Standard (D)	
		3000K (308)	5274lm	4280lm	3878lm		90 (90)			No Dimmable (ND)		
		4000K (408)	5428lm	4530lm	-		97 (97)					Analogue (1-10V) (A1)
	50.6W (51)	5700K (578)	5274lm	-	-	Adjustable (AC)	80 (80)	34° (34)	White (WH)	DMX (D)	EXTRAS (E)	
		2700K (278)	6768lm	5584lm	4950lm					90 (90)		No Extras (N)
		3000K (308)	7190lm	5838lm	5288lm					97 (97)		
		4000K (408)	7402lm	6176lm	-					Phase Cut (PC)		Emergency (E)
		5700K (578)	7190lm	-	-					Wireless*** (W)		

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: GALINO 51-30B-AD-90-34-WH-ND-00



AMOS / AMOS XL



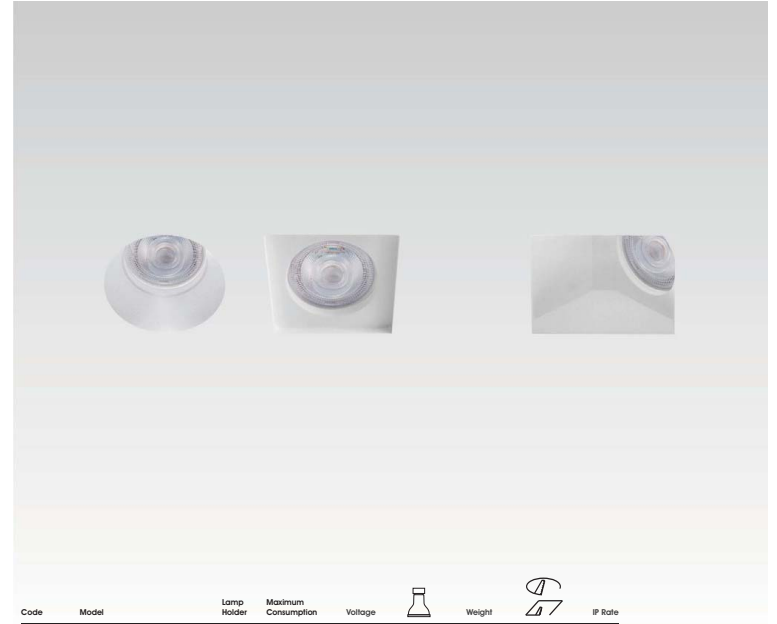
- AMOS & AMOS XL decorative timeless luminaires.
- 3 SDCM
- L90/B10 50.000h



Code	Model	Watt	Voltage	Beam Angle	Lamp	Weight		IP Rate
PCR.025	AMOS	9W	230VAC	30°	Included	1,72Kg	158x158mm	IP20
PCR.026	AMOS XL	9W	230VAC	30°	Included	1,83Kg	158x158mm	IP20

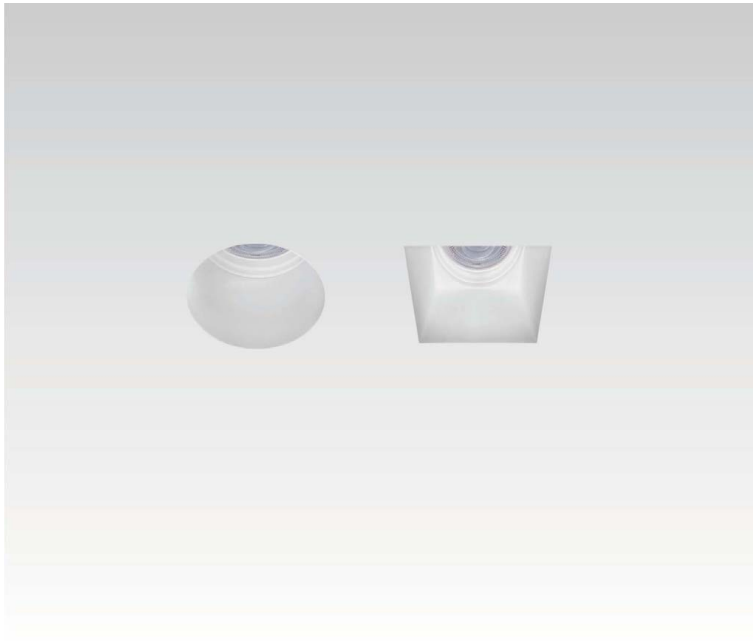




SEAMLESS RD / SQ SHORT / SQ WASH 45°



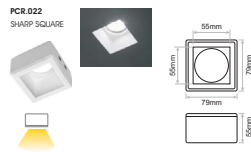
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.007	SEAMLESS ROUND	Gx5.3	35W	12VAC	Not included	0.34Kg	Φ 132mm	IP20
PCR.001	SEAMLESS SQUARE SHORT	Gx5.3	35W	12VAC	Not included	0.20Kg	102x102mm	IP20
*Suitable for plasterboard 12mm								
PCR.003	SEAMLESS SQUARE WASH 45°	Gx5.3	35W	12VAC	Not included	0.55Kg	122x122mm	IP20
*Suitable for plasterboard 9mm-15mm								







Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.023	SHARP ROUND	Gx5.3	35W	12VAC	Not included	0.42Kg	80x80mm	IP20
PCR.022	SHARP SQUARE	Gx5.3	35W	12VAC	Not included	0.36Kg	80x80mm	IP20

*Suitable for plasterboard 9-15mm

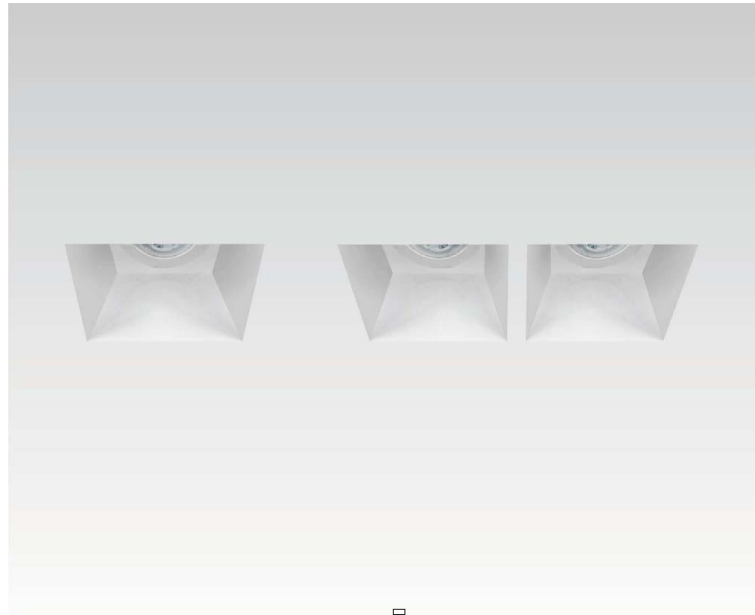
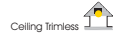


Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.027	VERTICO	Gx5.3	35W	12VAC	Not included	1.05Kg	146x146mm	IP20

*Suitable for plasterboard 9-15mm



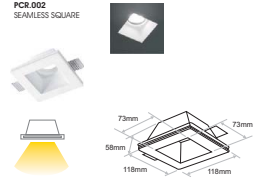
SEAMLESS SQ/SQx2



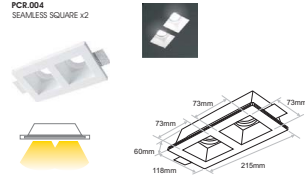
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.002	SEAMLESS SQUARE	Gx5.3	35W	12VAC	Not included	0.44Kg	120x120mm	IP20
PCR.004	SEAMLESS SQUARE x2	2xGx5.3	2x35W	12VAC	Not included	0.94Kg	120x217mm	IP20

*Suitable for plasterboard 12mm

PCR.002 SEAMLESS SQUARE



PCR.004 SEAMLESS SQUARE x2



Plaster



Suitable for plasterboard 12mm

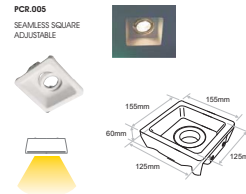
SEAMLESS SQ ADJ / ADJx2



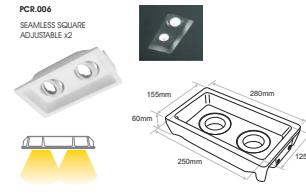
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.005	SEAMLESS SQUARE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.84Kg	157x157mm	IP20
PCR.006	SEAMLESS SQUARE ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.56Kg	157x282mm	IP20

*Suitable for plasterboard 9mm-15mm

PCR.005 SEAMLESS SQUARE ADJUSTABLE



PCR.006 SEAMLESS SQUARE ADJUSTABLE x2



Plaster



Suitable for plasterboard 9mm-15mm



ACC.206 Lamp Holder

SEAMLESS

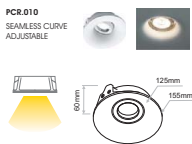
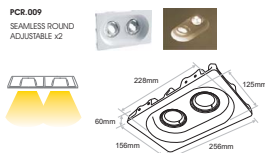
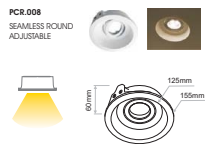
RD ADJ / RD ADJx2 / CURVE ADJ



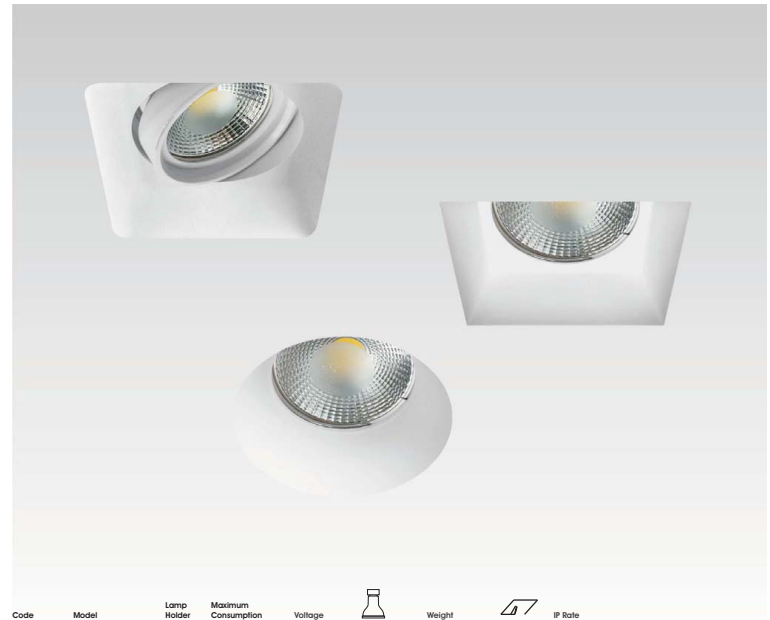
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Weight	IP Rate
PCR.008	SEAMLESS ROUND ADJUSTABLE	Gx5.3	35W	12VAC	0.72Kg	IP20
PCR.009	SEAMLESS ROUND ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	1.54Kg	IP20
PCR.010	SEAMLESS CURVE ADJUSTABLE	Gx5.3	35W	12VAC	0.68Kg	IP20



*Suitable for plasterboard 9mm-15mm



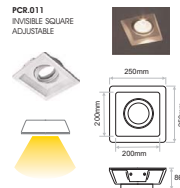
INVISIBLE SQ ADJ / SQ / RD



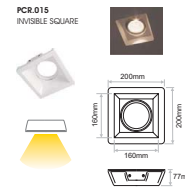
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Weight	IP Rate
PCR.011	INVISIBLE SQUARE ADJUSTABLE	AR111	50W	12VAC	2.14Kg	IP20
PCR.015	INVISIBLE SQUARE	AR111	50W	12VAC	1.53Kg	IP20
PCR.016	INVISIBLE ROUND	AR111	50W	12VAC	0.97Kg	IP20

*Suitable for plasterboard 9mm-15mm

PCR.011 INVISIBLE SQUARE ADJUSTABLE



PCR.015 INVISIBLE SQUARE

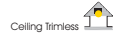


PCR.016 INVISIBLE ROUND



INVISIBLE

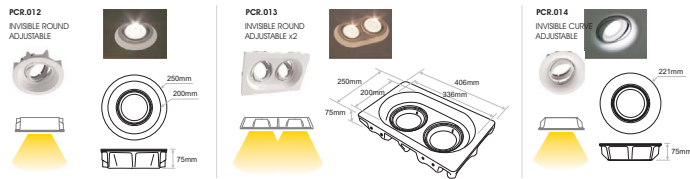
RD ADJ / RD ADJx2 / CURVE ADJ



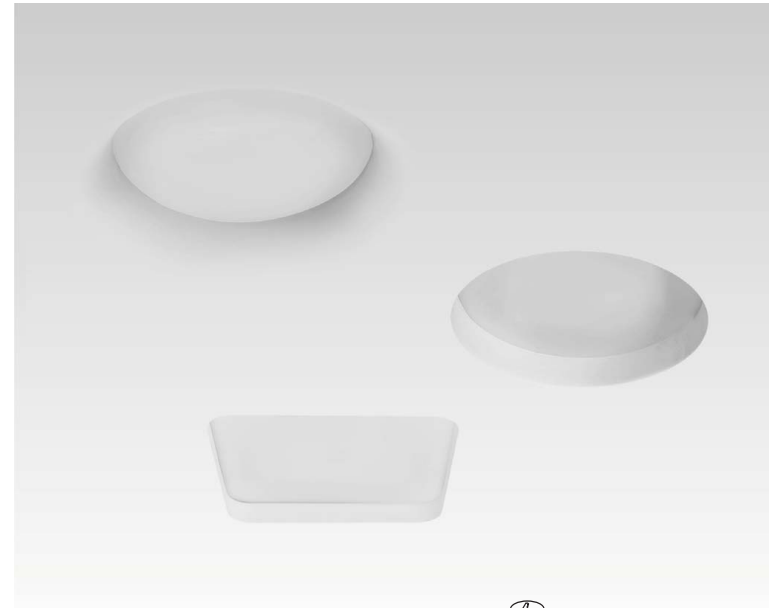
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Weight	IP Rate
PCR.012	INVISIBLE ROUND ADJUSTABLE	AR111	50W	12VAC	2.06Kg	IP20
PCR.013	INVISIBLE ROUND ADJUSTABLE x2	2xAR111	2x50W	12VAC	3.74Kg	IP20
PCR.014	INVISIBLE CURVE ADJUSTABLE	AR111	50W	12VAC	1.22Kg	IP20

Plaster
Suitable for plasterboard 9mm-15mm

*Suitable for plasterboard 9mm-15mm

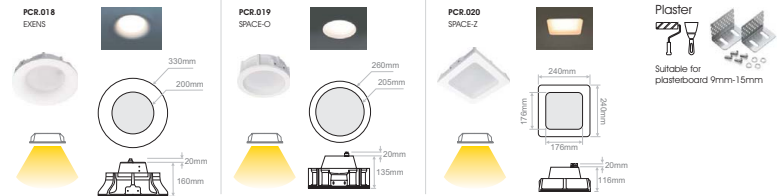


EXENS / SPACE-O / SPACE-Z





Code	Model	Lamp Holder	Maximum Consumption	Voltage	Weight	IP Rate
PCR.018	EXENS	2xE27	2x18W	220-240VAC	2.87Kg	IP20
PCR.019	SPACE-O	2xE27	2x18W	220-240VAC	4.82Kg	IP20
PCR.020	SPACE-Z	2xE27	2x18W	220-240VAC	2.5Kg	IP20

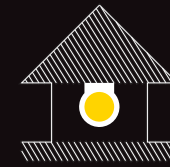
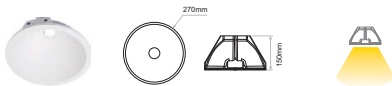
*Suitable for plasterboard 9mm-15mm






Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.017	ART-R	E27	40W	220-240VAC	Not included	2,3Kg	Φ 273mm	IP20

*Suitable for plasterboard 9-15mm

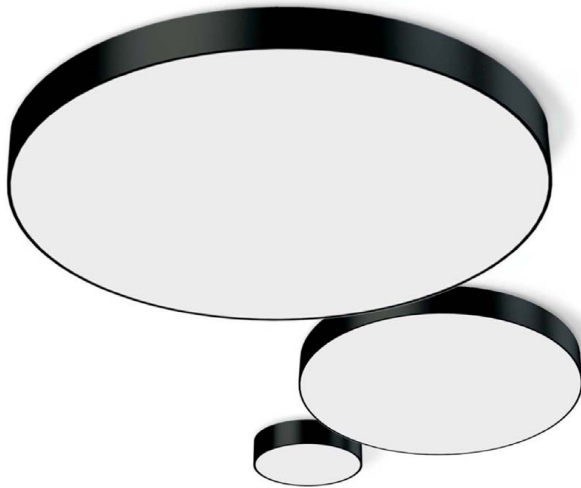


CEILING SURFACE

DISC SF (Surface)

Ceiling Surface 

- Disc is a complete series of round luminaires available for surface, pendant, recessed and trackless application.
- The surface version is offered either with Direct Illumination (DISC SF) or with Direct Illumination combined with a decorative Indirect lighting effect (DISC SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL 9005), White (RAL 9003), or Grey (RAL 7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 214lm/W (4000K)

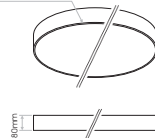
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H. Reflection factors: 70/50/20

Ø270, Ø400, Ø560, Ø850, Ø1130, Ø1420mm



DISC SF
(Surface)



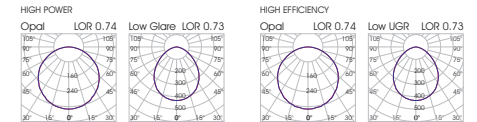
Model	Luminaire Colour*	CCT	Wall / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
DISC Surface High Power (DISC SF HP)	White (W1)	3000K (30)	HIGH POWER 11.9W / 27cm (12W027) 26.2W / 40cm (26W040) 57.4W / 58cm (58W058) 123.8W / 85cm (124W085) 214.8W / 113cm (215W113) 336.6W / 142cm (337W142)	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0)
	Black (BK)	4000K (40)		1910lm	2070lm	Low Glare (LG)***	Analogue (1-10V) (A1)	Emergency (1)	
	Grey (GR)	8670lm		9110lm	DALI (DL)				
		17980lm		18900lm	Wireless (WL)				
		31060lm		32650lm					
		49550lm		52200lm					
DISC Surface High Efficiency (DISC SF HE)			HIGH EFFICIENCY 4.5W / 27cm (05W027) 9.8W / 40cm (10W040) 21.2W / 58cm (21W058) 45.7W / 85cm (46W085) 79.4W / 113cm (80W113) 124.4W / 142cm (124W142)	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)			
		810lm		880lm	Low UGR (LU)***				
	1680lm	1770lm							
	3640lm	3830lm							
	7430lm	7810lm							
	12830lm	13490lm							

- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR<22), Low UGR (UGR<19)


Ordering Code Example: DISC SF HP-BL-30-58W058-80-LG-230-ND-0



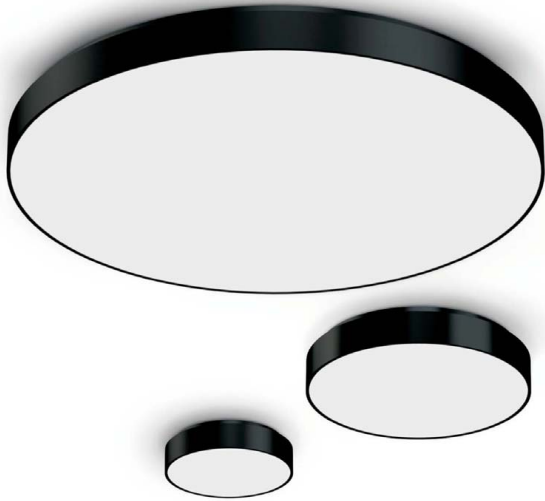
DISC SF
(Surface)



DISC SF DECO

Ceiling Surface 

- Disc is a complete series of round luminaires available for surface, pendant, recessed and timeless application.
- The surface version is offered either with Direct Illumination combined with a decorative indirect lighting effect (DISC SF DECO) or with only Direct Illumination (DISC SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

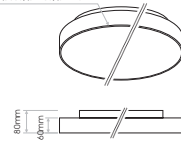


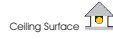
LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H. Reflection factors: 70/50/20

Ø270, Ø400, Ø560, Ø850, Ø1130, Ø1420mm

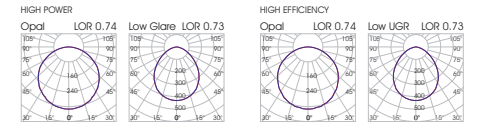
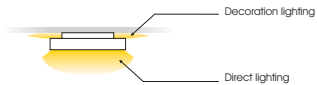




Model	Luminaire Colour*	CCT	Wall / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC SF DECO High Power <i>(DISC SF DECO HP)</i>	White (W1)	3000K (30)	HIGH POWER 11.9W / 27cm (12W027) 26.2W / 40cm (26W040) 57.4W / 58cm (58W058) 123.8W / 85cm (124W085) 214.8W / 113cm (215W113) 336.6W / 142cm (337W142)	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (S)
	Black (B1)	4000K (40)		1910lm	2070lm	Low Glare (LG)***	Analogue (A1)	Emergency (E)	
	Grey (GR)	8670lm		9110lm	DALI (DL)				
		17980lm		18900lm	Wireless (WL)				
		31060lm		32650lm					
		49550lm	52200lm						
DISC SF DECO High Efficiency <i>(DISC SF DECO HE)</i>			HIGH EFFICIENCY 4.5W / 27cm (05W027) 9.8W / 40cm (10W040) 21.2W / 58cm (21W058) 45.7W / 85cm (46W085) 79.4W / 113cm (80W113) 124.4W / 142cm (124W142)	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)			
				810lm	880lm	Low UGR (LU)***			
				1680lm	1770lm				
				3640lm	3830lm				
				7430lm	7810lm				
				12830lm	13490lm				
				20590lm	21700lm				

- * Custom luminaire colours available upon request.
- ** Available in CRI90 upon request.
- *** Low Glare (UGR<22), Low UGR (UGR<19)

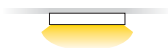
Ordering Code Example: DISC SF DECO HP-BL-30-58W058-80-LG-230-ND-0



ECLIPSE SF (Surface)

Ceiling Surface 

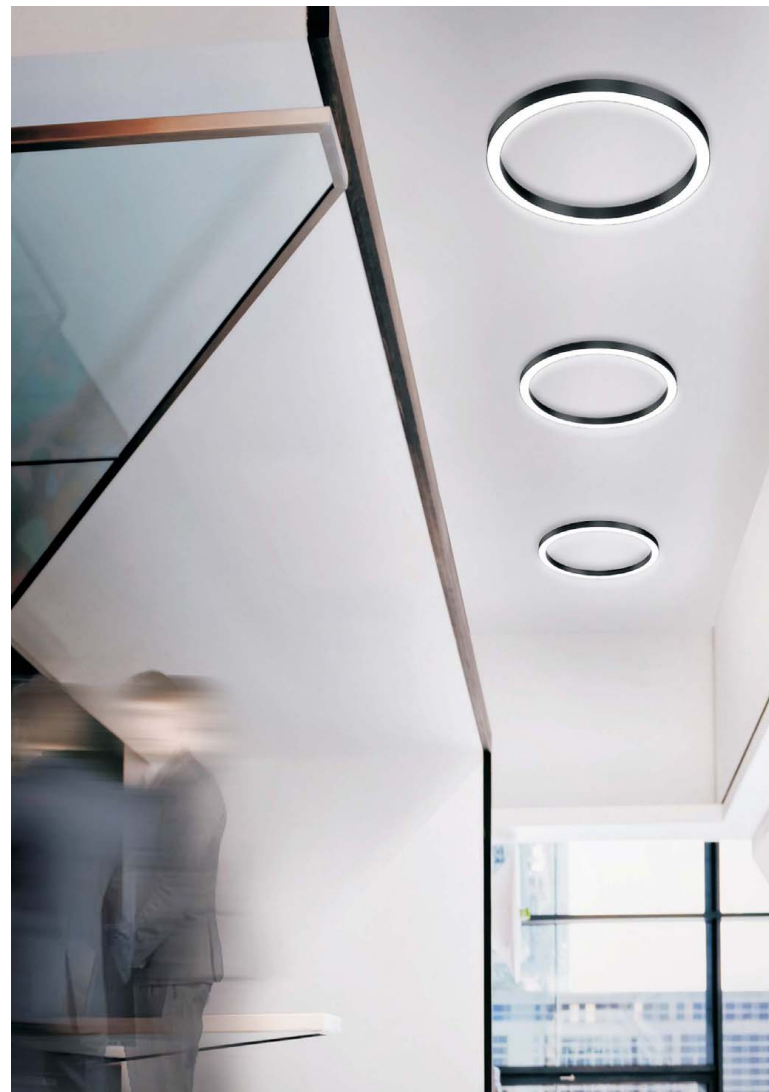
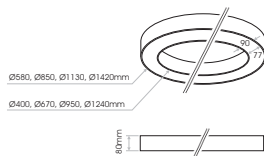
- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (ECLIPSE SF) or with Direct illumination combined with a decorative Indirect lighting effect (ECLIPSE SF-DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA.
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h.
- Emergency Function capability: (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:
✓ Custom luminaire colours
✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20



ECLIPSE SF
(Surface)



Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR2** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Surface High Power (ECLIPSE SF-HP)	White (WH)	3000K (30)	HIGH POWER 46.2W / 58cm (46W/058) 75W / 85cm (75W/085) 104.5W / 113cm (105W/113) 134.1W / 142cm (134W/142)	> 80 (80) 3000k	> 80 (80) 4000k	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard (S) Emergency (E)
	Black (BL)	4000K (40)		6910lm	7310lm	Low Glare (LG)***	Analogue (A1)		
	Grey (GR)			11070lm	11740lm		DALI (D4)		
				15490lm	16390lm		Wireless (W4)		
				19960lm	21100lm				
ECLIPSE Surface High Efficiency (ECLIPSE SF-HE)			HIGH EFFICIENCY 17.6W / 58cm (18W/058) 26.7W / 85cm (27W/085) 37.2W / 113cm (37W/113) 47.8W / 142cm (48W/142)	> 80 (80) 3000k	> 80 (80) 4000k	Opal (CP)			
				2940lm	3110lm	Low UGR (LU)***			
				4450lm	4720lm				
			6230lm	6590lm					
			8020lm	8480lm					

- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE SF-HP-BL-30-105W/113-80-LG-230-ND-0



ECLIPSE SF
(Surface)

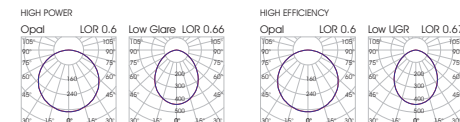


	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE Surface HIGH POWER HIGH EFFICIENCY	46W 18W	75W 27W	105W 37W	134W 48W
Weight	3.63kgs	5.48kgs	7.42kgs	10kgs

Optional accessories



- PRH.111 Metal drilling Template for ECLIPSE SF Ø58cm
- PRH.112 Metal drilling Template for ECLIPSE SF Ø85cm
- PRH.113 Metal drilling Template for ECLIPSE SF Ø113cm
- PRH.114 Metal drilling Template for ECLIPSE SF Ø142cm



ECLIPSE SF DECO



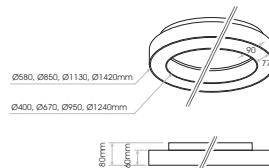
- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct Illumination combined with a decorative indirect lighting effect (ECLIPSE SF DECO) or with only Direct Illumination (ECLIPSE SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA.
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

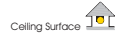


LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

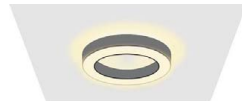
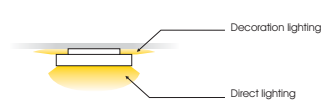




Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE SF DECO High Power <i>(ECLIPSE SF DECO HP)</i>	White (WH)	3000K (30)	HIGH POWER	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0)
	Black (BK)	4000K (40)	46.2W / 58cm (46W058)	6910lm	7310lm	Low Glare (LG)***		Analogue (1-10V) (A1)	Emergency (1)
	Grey (GR)		75W / 85cm (75W085)	11070lm	11740lm			DALI (DL)	
			104.5W / 113cm (105W113)	15490lm	16390lm			Wireless (WL)	
			134.1W / 142cm (134W142)	19960lm	21100lm				
ECLIPSE SF DECO High Efficiency <i>(ECLIPSE SF DECO HE)</i>			HIGH EFFICIENCY	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)			
			17.6W / 58cm (18W058)	2940lm	3110lm	Low UGR (LU)***			
			26.7W / 85cm (27W085)	4450lm	4720lm				
			37.2W / 113cm (37W113)	6230lm	6590lm				
			47.8W / 142cm (48W142)	8020lm	8480lm				

- * Custom luminaire colours available upon request.
- ** Available in CR90 upon request.
- *** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ECLIPSE SF DECO HP-BL-30-105W113-80-LG-230-ND-0

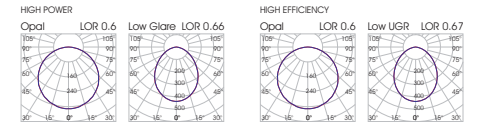


	0580mm	0850mm	01130mm	01420mm
ECLIPSE SF DECO HIGH POWER	46W 18W	75W 27W	105W 37W	134W 48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

Optional accessories



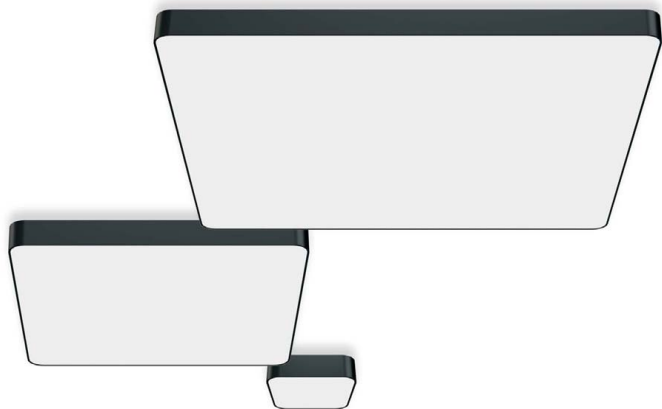
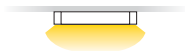
- PRH.111** Metal drilling Template for ECLIPSE SF DECO 058cm
- PRH.112** Metal drilling Template for ECLIPSE SF DECO 085cm
- PRH.113** Metal drilling Template for ECLIPSE SF DECO 0113cm
- PRH.114** Metal drilling Template for ECLIPSE SF DECO 0142cm



LOOP SF (Surface)



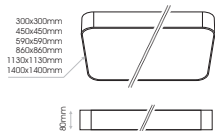
- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct Illumination (LOOP SF) or with Direct illumination combined with a decorative indirect lighting effect (LOOP SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 21,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18,6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA.
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor use: IP40



LED source efficacy up to 197lm/W (40000k)
Luminaire efficacy up to 132lm/W (40000k)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version



*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

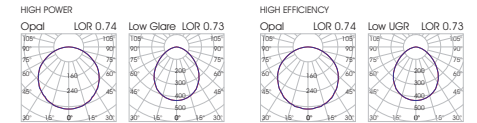





Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED SOURCE	CRI** LED SOURCE	Type	Voltage	Dimming Option	Extras		
LOOP Surface High Power (LOOP-SF-HP)	White (WH)	3000K	HIGH POWER 17.6W / 30x30cm (18W/3030) 39.5W / 45x45cm (40W/4545) 75W / 59x59cm (75W/5959) 153.5W / 86x86cm (154W/8686) 272.8W / 113x113cm (273W/113113) 426.3W / 140x140cm (426W/140140)	> 80 (80)	> 80 (80)	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0) Emergency (1)		
	Black (BL)	4000K		3000K	4000K	Low Glare (LG)***				Analogue (1-10V) (A1)	
	Grey (GR)									DALI (DL)	
										Wireless (WL)	
	LOOP Surface High Efficiency (LOOP-SF-HE)			HIGH EFFICIENCY 6.6W / 30x30cm (07W/3030) 13.4W / 45x45cm (13W/4545) 25.9W / 59x59cm (26W/5959) 58.3W / 86x86cm (58W/8686) 103.7W / 113x113cm (104W/113113) 162W / 140x140cm (162W/140140)	> 80 (80)	> 80 (80)	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0) Emergency (1)	
					3000K	4000K	Low UGR (LU)***				

- * Custom luminaire colours available upon request.
- ** Available in CR90 upon request.
- *** Low Glare (UGR < 21,8), Low UGR (UGR < 18,6)

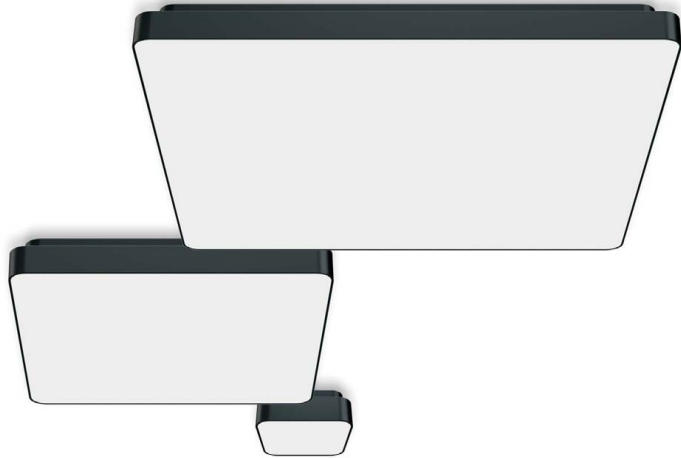
Ordering Code Example: LOOP-SF-HP-BL-30-154W/8686-80-LG-230-ND-0



LOOP SF DECO

Ceiling Surface 

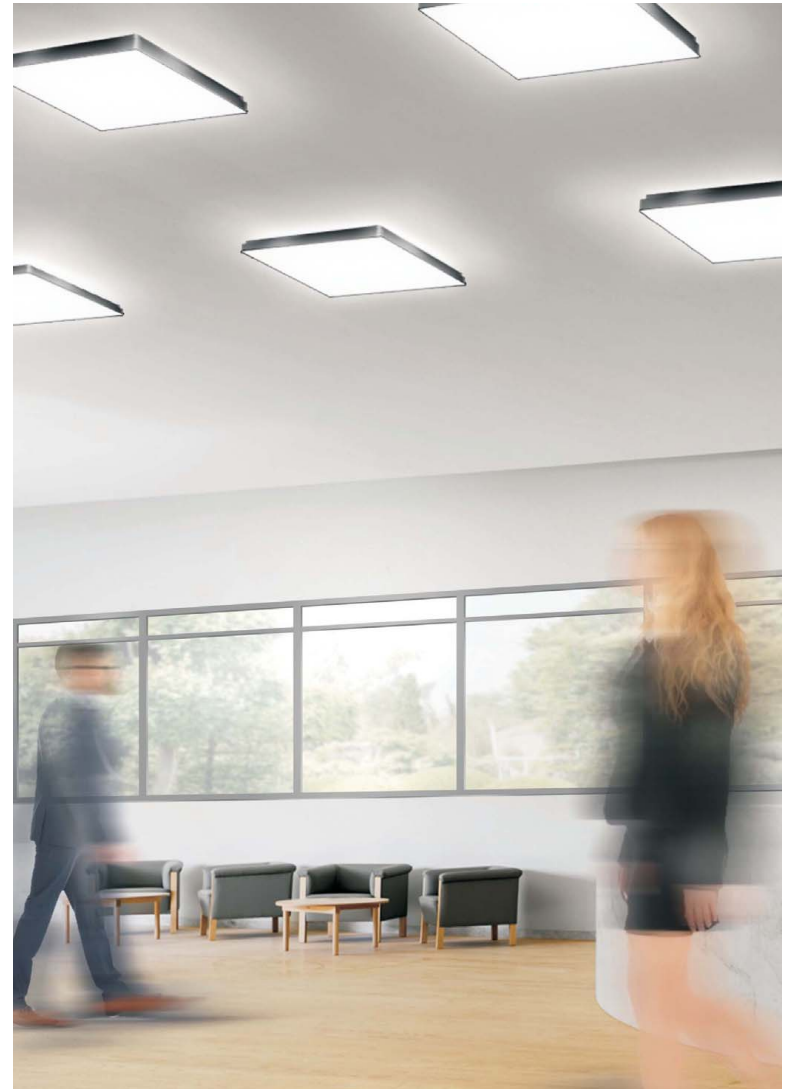
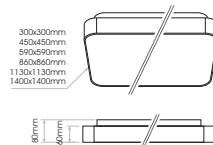
- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative indirect lighting effect (LOOP SF DECO) or with only Direct illumination (LOOP SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability: (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

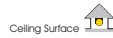


LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

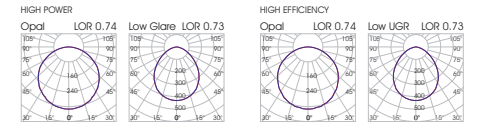
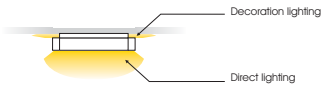




Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras	
LOOP SF DECO High Power <i>(LOOP SF DECO HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER	> 80 (80) 3000K	> 80 (80) 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(0)</i>	
	Black <i>(BL)</i>	4000K <i>(40)</i>	17.6W / 30x30cm <i>(18W/3030)</i>	2660lm	2780lm	Low Glare <i>(LG)***</i>		Analogue <i>(1-10V) (A1)</i>	Emergency <i>(1)</i>	
	Grey <i>(GR)</i>		39.5W / 45x45cm <i>(40W/4545)</i>	5860lm	6160lm			DALI <i>(DL)</i>		
			75W / 59x59cm <i>(75W/5959)</i>	10720lm	11270lm			Wireless <i>(WL)</i>		
			153.5W / 86x86cm <i>(154W/8686)</i>	22150lm	23290lm					
			272.8W / 113x113cm <i>(273W/113113)</i>	39380lm	41400lm					
			426.3W / 140x140cm <i>(426W/140140)</i>	61540lm	64700lm					
	LOOP SF DECO High Efficiency <i>(LOOP SF DECO HE)</i>			HIGH EFFICIENCY	> 80 (80) 3000K	> 80 (80) 4000K	Opal <i>(OP)</i>			
				6.6W / 30x30cm <i>(6.7W/3030)</i>	1130lm	1180lm	Low UGR <i>(LU)***</i>			
				13.4W / 45x45cm <i>(13.5W/4545)</i>	2250lm	2370lm				
				25.9W / 59x59cm <i>(26W/5959)</i>	4200lm	4410lm				
				58.3W / 86x86cm <i>(58W/8686)</i>	9450lm	9930lm				
			103.7W / 113x113cm <i>(104W/113113)</i>	16790lm	17650lm					
			162W / 140x140cm <i>(162W/140140)</i>	26230lm	27580lm					

- * Custom luminaire colours available upon request.
- ** Available in CR90 upon request.
- *** Low Glare (UGR < 21.8), Low UGR (UGR < 18.6)

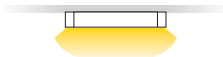
Ordering Code Example: LOOP SF DECO HP-BL-30-154W/8686-80-LG-230-ND-0



ORBIT SF (Surface)

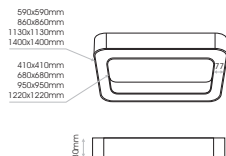


- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and timeless application.
- The surface version is offered either with Direct illumination (ORBIT SF) or with Direct illumination combined with a decorative Indirect lighting effect (ORBIT SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaires material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

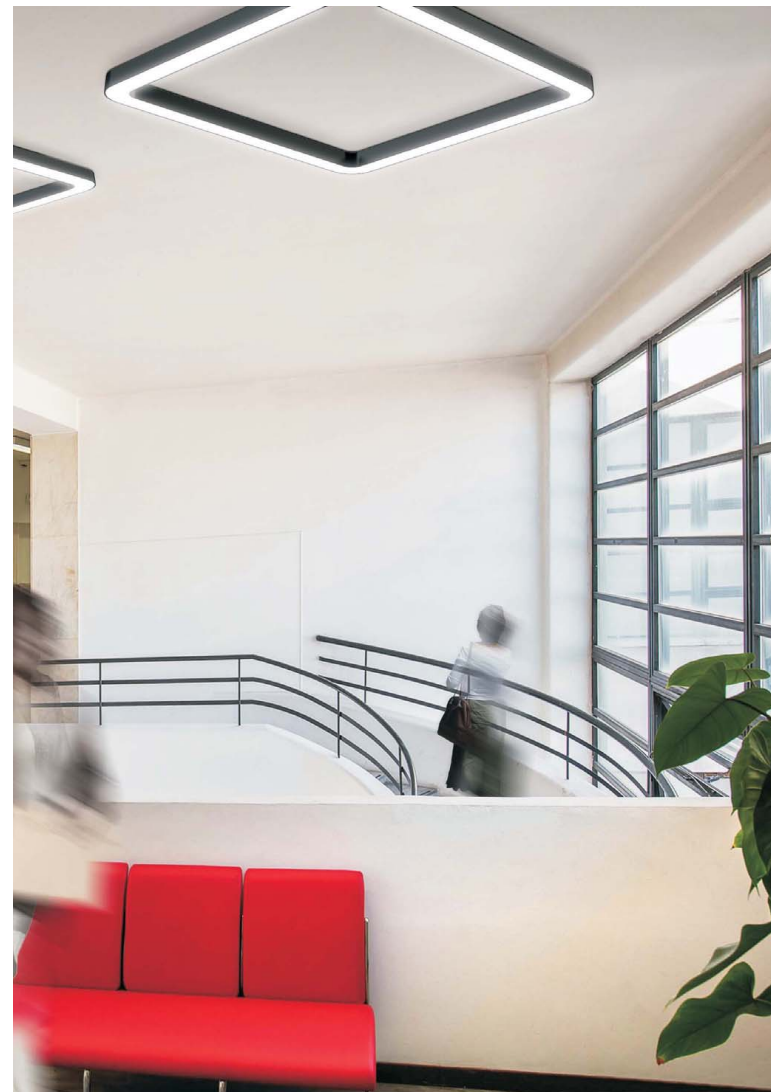


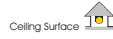
LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)

Available upon request:
✓ Custom luminaire colours
✓ Emergency version



*Glare Evaluation: X=4H / Y=8H, S=0.25H. Reflection factors: 70/50/20





Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Surface High Power <i>(ORBIT SF-HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER	> 80 (80) 3000K	> 80 (80) 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard Emergency <i>(E)</i>
	Black <i>(BL)</i>	4000K <i>(40)</i>	61.6W / 59x59cm <i>(62W/59/59)</i>	9240lm	9750lm	Low Glare <i>(LG)***</i>		Analogue [1-10V] <i>(A1)</i>	
	Grey <i>(GR)</i>		93.6W / 86x86cm <i>(94W/86/86)</i>	14050lm	14880lm			DALI <i>(DL)</i>	
			128.7W / 113x113cm <i>(129W/113/113)</i>	19320lm	20430lm			Wireless <i>(WL)</i>	
			163.9W / 140x140cm <i>(164W/140/140)</i>	24590lm	26000lm				
ORBIT Surface High Efficiency <i>(ORBIT SF-HE)</i>			HIGH EFFICIENCY	> 80 (80) 3000K	> 80 (80) 4000K	Opal <i>(OP)</i>			
			23.4W / 59x59cm <i>(23W/59/59)</i>	3920lm	4150lm	Low UGR <i>(LU)***</i>			
			32.8W / 86x86cm <i>(33W/86/86)</i>	5500lm	5880lm				
			45.1W / 113x113cm <i>(45W/113/113)</i>	7650lm	8090lm				
			57.4W / 140x140cm <i>(57W/140/140)</i>	9730lm	10290lm				

- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: *ORBIT SF-HP-WH-30-94W/86/86-80-LG-230-ND-0*

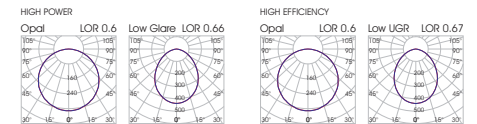


	59x59mm	86x86mm	113x113mm	140x140mm
ORBIT Surface HIGH POWER HIGH EFFICIENCY	62W 23W	94W 33W	129W 45W	164W 57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs


Optional accessories



- PRH.115** Metal drilling Template for ORBIT SF 59x59cm
- PRH.116** Metal drilling Template for ORBIT SF 86x86cm
- PRH.117** Metal drilling Template for ORBIT SF 113x113cm
- PRH.118** Metal drilling Template for ORBIT SF 140x140cm



ORBIT SF DECO

Ceiling Surface 

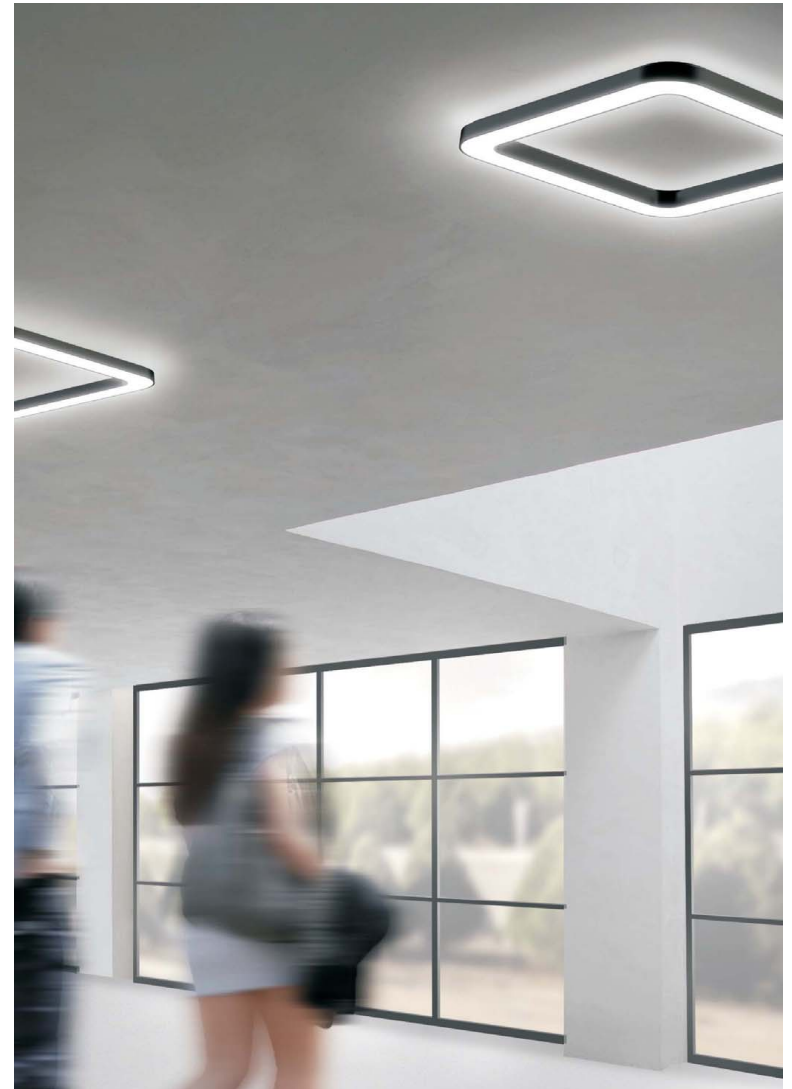
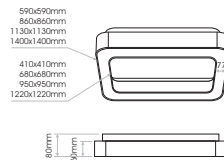
- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and timeless application.
- The surface version is offered either with Direct illumination combined with a decorative indirect lighting effect (ORBIT SF DECO) or with only Direct illumination (ORBIT SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaires material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

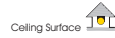


LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)

- Available upon request:
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20





Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT SF DECO High Power (ORBIT SF DECO HP)	White (WH)	3000K (30)	HIGH POWER 61.6W / 59x59cm (62W/5959) 93.6W / 86x86cm (94W/8686) 128.7W / 113x113cm (129W/113113) 163.9W / 140x140cm (164W/140140)	> 80 (80)	> 80 (80)	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0) Emergency (1)
	Black (BK)	4000K (40)		3000K	4000K	Low Glare (LG)***	Analogue (1-10V) (A1)		
	Grey (GR)						DALI (DL)		
						Wireless (WL)			
ORBIT SF DECO High Efficiency (ORBIT SF DECO HE)			HIGH EFFICIENCY 23.4W / 59x59cm (23W/5959) 32.8W / 86x86cm (33W/8686) 45.1W / 113x113cm (45W/113113) 57.4W / 140x140cm (57W/140140)	> 80 (80)	> 80 (80)	Opal (OP)			
				3000K	4000K	Low UGR (LU)***			

* Custom luminaire colours available upon request.
 ** Available in CR190 upon request.
 *** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ORBIT SF DECO HP-WH-30-94W/8686-80-LG-230-ND-0

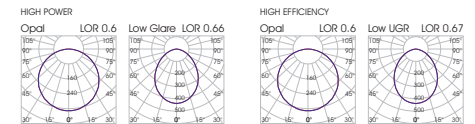


	59x59mm	86x86mm	113x113mm	140x140mm
ORBIT SF DECO HIGH POWER HIGH EFFICIENCY	62W 23W	94W 33W	129W 45W	164W 57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

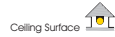
Optional accessories



- PRH.115 Metal drilling Template for ORBIT SF DECO 59x59cm
- PRH.116 Metal drilling Template for ORBIT SF DECO 86x86cm
- PRH.117 Metal drilling Template for ORBIT SF DECO 113x113cm
- PRH.118 Metal drilling Template for ORBIT SF DECO 140x140cm



REFORM 30 Surface Spot



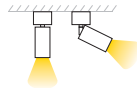
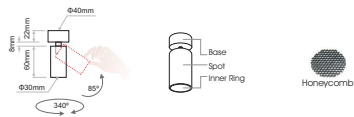
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 5.3watt.
- Beam angle varies from 28 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- External driver only.
- Emergency kit only for external use.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



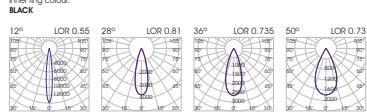
Model	LED Power	CCT*	CR80, CR90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories	
			80 (80)	90 (90)						
REFORM 30 Surface Spot <i>(REFORM 30 SFS)</i>	3W (3)	2700K (27C)	310m	250m	12° (12)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00)	Standard Honeycomb (H) Extras No Extras (E) Emergency** (1)	
		3000K (30C)	310m	265m						
		4000K (40C)	330m	290m						
		5000K (50C)	360m	310m						
		5.8W (6)	2700K (27C)	615m						500m
			3000K (30C)	615m						530m
	4000K (40C)		665m	575m						
	5000K (50C)		715m	615m						
	3W (3)		2700K (27C)	396m	320m	28° (28)				
			3000K (30C)	396m	342m	36° (36)				
		4000K (40C)	428m	369m	50° (50)					
		5000K (50C)	428m	396m						
6.3W (6)	2700K (27C)	669m	540m							
	3000K (30C)	669m	577m							
	4000K (40C)	722m	623m							
	5000K (50C)	722m	669m							

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** External.

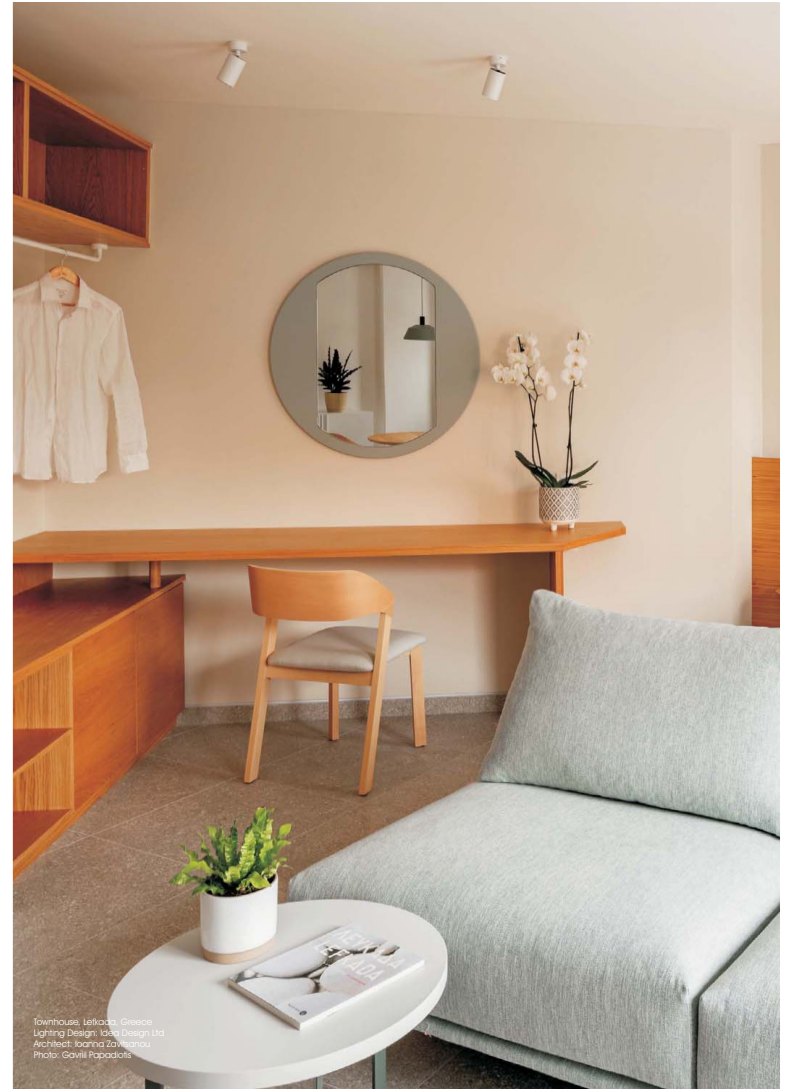
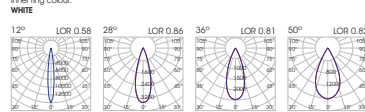
Ordering Code Example: REFORM 30 SFS3-40C-80-36-AD-WWB-00-00



Inner ring colour:



Inner ring colour:



Townhouse, Lefkada, Greece
Lighting Design: Idig Design Ltd
Architect: Ioanna Zaveriou
Photo: Gavril Papadakis

REFORM 52 Surface Spot



- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8,2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).

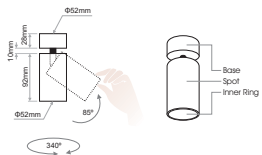


Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
REFORM 52 Surface Spot 8.2W <i>(REFORM 52 SFSP-8)</i>	2700K (27C)	779lm	628lm	6° (0x)	Adjustable (AD)	Base White (W) Black (B)	Without Driver (00) Non Dimmable (ND)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
	3000K (30C)	779lm	673lm					
	4000K (40C)	841lm	726lm					
REFORM 52 Surface Spot 12W <i>(REFORM 52 SFSP-12)</i>	2700K (27C)	1590lm	1380lm	21° (21)		Spot White (W) Black (B)	EXTRAS No Extras (10) Emergency** (11)	↓ (XX)
	3000K (30C)	1710lm	1485lm					
	4000K (40C)	1830lm	1590lm					
	5000K (50C)	1710lm	1590lm	44° (44)		Inner Ring White (W) Black (B)		

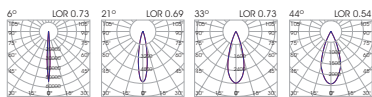
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** External.

Ordering Code Example:

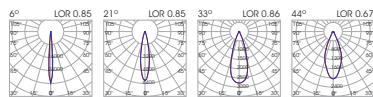
REFORM 52 SFSP12-40C-80-33-AD-WWB-00-10



Inner ring colour:
BLACK



Inner ring colour:
WHITE



REFORM 75 Surface Spot

- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).

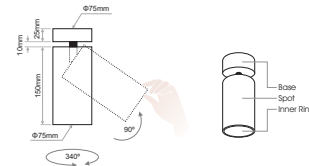


Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
REFORM 75 Surface Spot 18W <i>(REFORM 75 SFSP-18)</i>	2700K (27C)	2067lm	1794lm	17° (17) 27° (27) 50° (50)	Adjustable (AD)	Base White (W) Black (B)	Without Driver (00) Non Dimmable (ND)	Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31)
	3000K (30C)	2223lm	1931lm					
	4000K (40C)	2379lm	2067lm					
REFORM 75 Surface Spot 23.5W <i>(REFORM 75 SFSP-24)</i>	2700K (27C)	2919lm	2409lm			Spot White (W) Black (B)	EXTRAS No Extras (10) Emergency** (11)	↓ (XX)
	3000K (30C)	3102lm	2512lm					
	4000K (40C)	3192lm	2663lm					
	5000K (50C)	3230lm	2797lm			Inner Ring White (W) Black (B)		

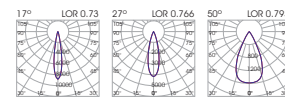
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** External.

Ordering Code Example:

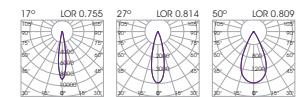
REFORM 75 SFSP18-40C-80-50-AD-WWB-00-10



Inner ring colour:
BLACK



Inner ring colour:
WHITE



LACERTA



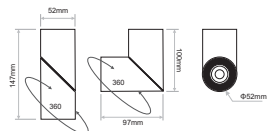
- LACERTA surface light has a slim and elegant design and is the perfect solution for highly demanding spaces.
- Phase Cut Dimmable / Leading Edge only.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort.



Model (LED Power)	CCT*	C8180, C8190 LED Source		Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)				
LACERTA 10W (LACERTA 10)	2700K (27C)	920lm	650lm	22° (22)	Adjustable (AD)	White/Black (WB)	230VAC Phase Cut Dimmable (230D) (Leading Edge)
	3000K (30C)	920lm	696lm	33° (33)			
	4000K (40C)	991lm	802lm	43° (43)			
	5700K (57C)	991lm	-	-			

* Available in other CCT upon request

Ordering Code Examples:
LACERTA 10- 40C-90-33-AD-WB-230D



ADORNO Surface Spotlight Retrofit

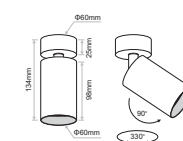
- Adorno series surface spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories : honeycomb, linear spread lens, softening lens, spread lens.



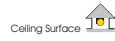
Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO Surface Spotlight Retrofit (ADORNO SFSR)	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Adjustable (AD)	GU10 (max 7.5W) (G-1)	Standard (0) Honeycomb (1) Linear Spread (2) Softening Lens (3) Spread Lens (4)



Ordering Code Example:
ADORNO SFSR-WB-AD-G-1-1



ADORNO SF Retrofit



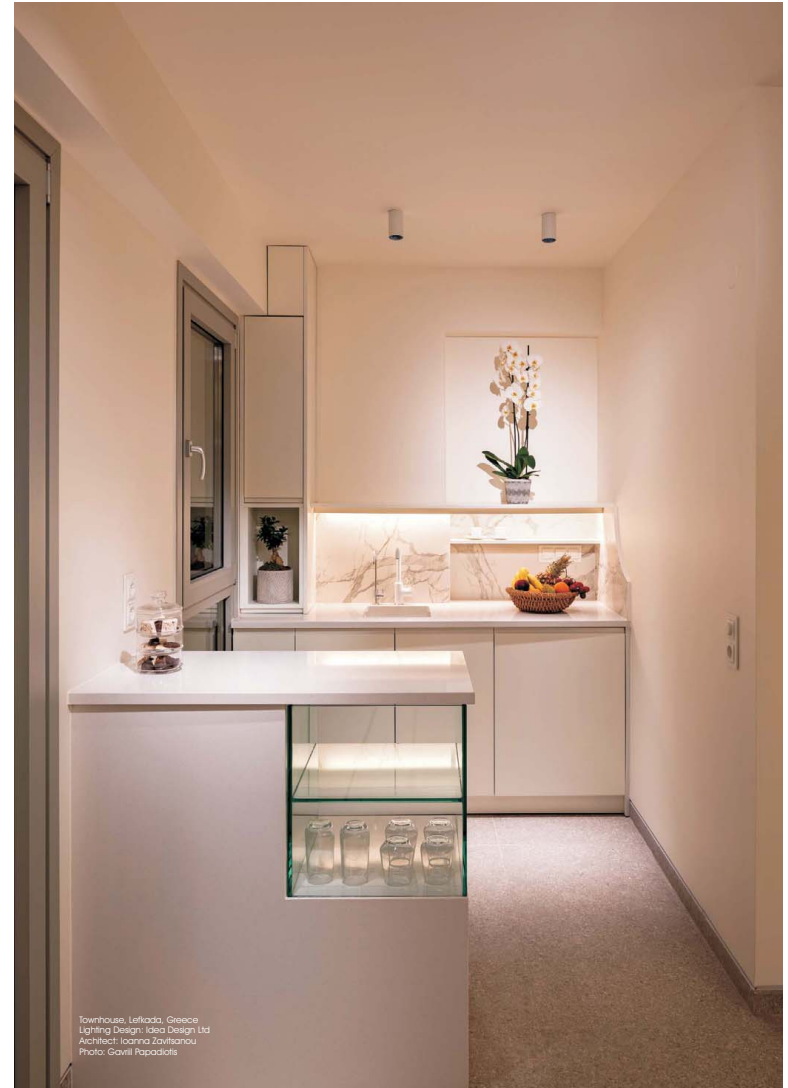
- Adorno series surface light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.



Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO SF Retrofit <i>(ADORNO SFR)</i>	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Fixed (FX)	GU10 (max 7.5W) (G1)	Standard (0) Honeycomb (1) Linear Spread (2) Softening Lens (3) Spread Lens (4)

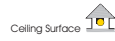


Ordering Code Example:
ADORNO SFR-WB-FX-G1-1

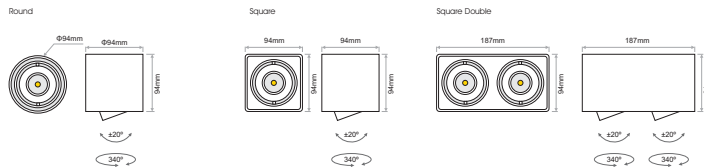


Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Ioanna Zafiriadou
Photo: Gavril Papadimitriou

MORETTO



- Moretto series of surface luminaires is available in single round or square and in double square form.
- It is available in white or black colour.
- It is supplied either with Bridgelux LED or with GU10 lamp holder (max 7.5W).
- 3SDCM
- L90/B10 50.000h



MORETTO



Model	Shape	LED Power per LED	CCT*	CRI80, CRI90		Beam Angle	Type	Colour	Dimming Option
				LED Source PWR LED	PWR LED				
				80 (80)	90 (90)				
MORETTO (MORETTO)	Round (R)	6.1W (06)	2700K (278)	765lm	654lm	30° (30)	Adjustable (AD)	White (WH)	230VAC Non-Dimmable (230ND)
	Square (S)		3000K (308)	817lm	681lm	46° (46)		Black (BL)	
	Square Double (SD)		4000K (408)	850lm	730lm			230VAC Phase Cut Dimmable (230D)	
		8.9W (09)	2700K (278)	1080lm	908lm				
			3000K (308)	1135lm	946lm				
			4000K (408)	1180lm	1014lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MORETTO R 09-408-90-46-AD-WH-230ND

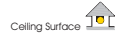
Model	Shape	Lamp Holder per Lamp	Type	Colour
MORETTO Retrofit (MORETTO R)	Round (R) Square (S) Square Double (SD)	GU10 (max 7.5W) (G1)	Adjustable (AD)	White (WH) Black (BL)



Ordering Code Example: MORETTO RR-G1-AD-BL

TALUS

- TALUS fixed downlight is available for surface and pendant installation.
- 3 SDCM
- L90/B10 50.000h



LIGHTSOURCE BY
bridgelux.

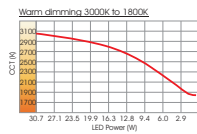
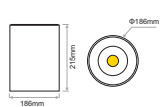
Model (LED Power*)	CCT**	CR80, CR90 LED Source	Type	Beam Angle	Colour	Dimming Option***	Accessories
		80 (80) 90 (90)					
TALUS Surface 23.9W (TALUS SF 24)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	3621lm 2987lm 3847lm 3123lm 3960lm 3304lm 3847lm -	Fixed (FX)	20° (20) 40° (40) 60° (60)	White (WH) Black (BL)	Without Driver (ND) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (trailing edge Dimmer) (PC)	White Matt (1X) Black Matt (2X) Gold Matt (3X) ANTI-GLARE SHIELD EXTRAS No Extras (10)
TALUS Surface 31.3W (TALUS SF 31)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	4510lm 3721lm 4792lm 3890lm 4933lm 4115lm 4792lm -					
TALUS Pendant 31.3W (TALUS PD 31)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	4510lm 3721lm 4792lm 3890lm 4933lm 4115lm 4792lm -					
Warm Dimmable		CR85 LED Source					
TALUS WD Surface 30.7W (TALUS WD SF 31)	Warm Dimmable 1800K-3000K (WD)	95 (95) 2840lm					
TALUS WD Pendant 30.7W (TALUS WD PD 31)	Warm Dimmable 1800K-3000K (WD)	95 (95) 2840lm					

* In 31W models the driver must be externally installed.

** Models with CCTs of 3500K, 5000K & 6500K are available upon request.

*** DMX drivers for Pendant (24W & 31W) and 31W Surface models must be externally installed.

Ordering Code Example: TALUS SF31-308-80-FX-60-BL-DL-20



Pendant model



LYRA

- LYRA is a surface projector available in 15 watt.
- 3 SDCM
- L90/B10 - 50.000h

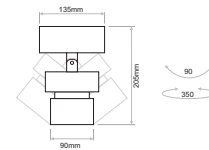


LIGHTSOURCE BY
bridgelux.

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
LYRA 14.7W (LYRA 15)	2700K (278) 3000K (308) 3500K (358) 4000K (408) 5000K (508) 5600K (568)	1230lm 1340lm 1420lm 1500lm 1680lm 1680lm	Adjustable (AD)	70* (70) 80 (80)	16° (16) 40° (40)	White (WH) Black (BL)	230VAC Non-Dimmable (ND)

* 5000K & 5600K only available in CR70.

Ordering Code Example: LYRA 15-308-AD-80-40-BL-ND



ARIES

Ceiling Surface 



Ceiling Surface 

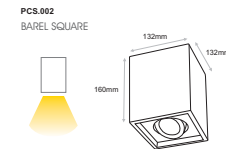
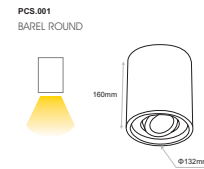
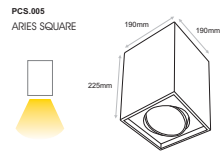
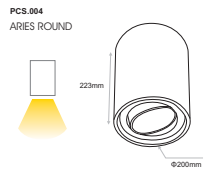
BAREL



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.004	ARIES ROUND	AR111	100W	12VAC	Not included	3.4Kg	IP20
PCS.005	ARIES SQUARE	AR111	100W	12VAC	Not included	4.5Kg	IP20



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.001	BAREL ROUND	Gx5.3	35W	12VAC	Not included	1.2Kg	IP20
PCS.002	BAREL SQUARE	Gx5.3	35W	12VAC	Not included	1.6Kg	IP20



ATLAS

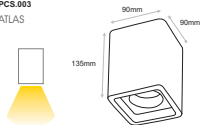
Ceiling Surface 



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.003	ATLAS	GU10	35W	220-240VAC	Not included	1.98Kg	IP20



PCS.003
ATLAS

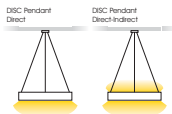


INTERIOR PENDANT

DISC PDD/PDDI (Pendant Direct/Pendant Direct-Indirect)

Interior Pendant 

- Disc is a complete series of round luminaires available for surface, pendant, recessed and timeless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 216lm/W (4000K)
Luminaire efficacy up to 148lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



DISC PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct

Model	Luminaire Colour** CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Pendant Direct High Power <i>(DISC PDD HP)</i>	White (WP) (30)	3000K	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard (0.0)
	Black (BK) (40)	4000K	3000K	4000K	Low Glare (LG)***		Analogue (A1) [1-10V]	Emergency (1X)
	Grey (GR)						DALI (DL)	Canopy - Wire Rope Length
							Wireless (WL)	No Canopy - 1.5m (100)
								3m (101)
								Cable SF - 1.5m (110)
								3m (111)
								Cable RC - 1.5m (120)
								3m (121)
								Cable TR - 1.5m (130)
							3m (131)	
							Hybrid SF - 1.5m (140)	
							3m (141)	
							Hybrid RC - 1.5m (150)	
							3m (151)	
							Hybrid TR - 1.5m (160)	
							3m (161)	
							Metal tube****1.2m (170) (without wire ropes)	
DISC Pendant Direct High Efficiency <i>(DISC PDD HE)</i>	White (WP) (30)	3000K	> 80 (80)	> 80 (80)	Opal (CP)			
	Black (BK) (40)	4000K	3000K	4000K	Low UGR (LU)***			
	Grey (GR)							

- * Custom luminaire colours available upon request.
- ** Available in CR90 upon request.
- *** Low Glare (UGR<22), Low UGR (UGR<19)
- **** Metal tube is not available for 27cm.

Ordering Code Example: DISC PDD HP-BL-30-58W058-80-LG-230-ND-011



DISC PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct-Indirect

Model	Luminaire Colour** CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Pendant Direct-Indirect High Power <i>(DISC PDDI HP)</i>	White (WP) (30/30)	3000K	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard (0.0)
	Black (BK) (30/40)	4000K	3000K	4000K	Low Glare (LG)***		Analogue (A1) [1-10V]	Emergency (1X)
	Grey (GR) (30/40)						DALI (DL)	Canopy - Wire Rope Length
							Wireless (WL)	No Canopy - 1.5m (100)
								3m (101)
								Cable SF - 1.5m (110)
								3m (111)
								Cable RC - 1.5m (120)
								3m (121)
								Cable TR - 1.5m (130)
							3m (131)	
							Hybrid SF - 1.5m (140)	
							3m (141)	
							Hybrid RC - 1.5m (150)	
							3m (151)	
							Hybrid TR - 1.5m (160)	
							3m (161)	
DISC Pendant Direct-Indirect High Efficiency <i>(DISC PDDI HE)</i>	White (WP) (30/30)	3000K	> 80 (80)	> 80 (80)	Opal (CP)			
	Black (BK) (30/40)	4000K	3000K	4000K	Low UGR (LU)***			
	Grey (GR) (30/40)							

- * Custom luminaire colours available upon request.
- ** Available in CR90 upon request.
- *** Low Glare (UGR<22), Low UGR (UGR<19)

Ordering Code Example: DISC PDDI HE-BL-30-32W058-80-LU-230-ND-011

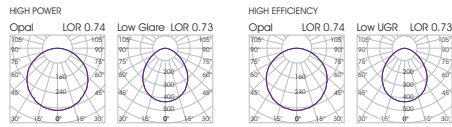


DISC PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

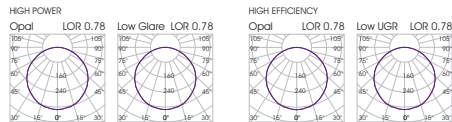


	Ø270mm	Ø400mm	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
DISC PDD						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	45W	80W	124W
DISC PDDI						
HIGH POWER	18W	40W	88W	188W	325W	504W
HIGH EFFICIENCY	7W	15W	32W	70W	119W	184W
Weight	1.18kgs	2.59kgs	4.48kgs	9.40kgs	15.30kgs	23.70kgs

Direct



Indirect



DISC PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Canopies & Suspension

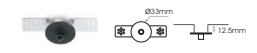
1. Cable SF (Surface)



2. Cable RC (Recessed)



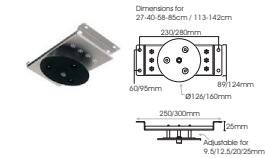
3. Cable TR (Trimless)



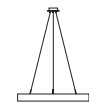
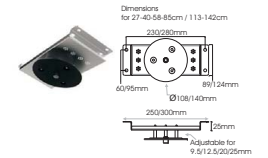
4. Hybrid SF (Surface)



5. Hybrid RC (Recessed)



6. Hybrid TR (Trimless)

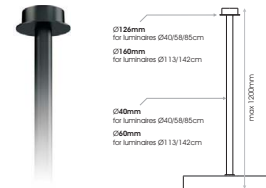


Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm for 85cm - 85cm
for 40cm - 40cm for 113cm - 110cm
for 58cm - 60cm for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

7. Metal Tube Suspension
(only for Pendant Direct models)

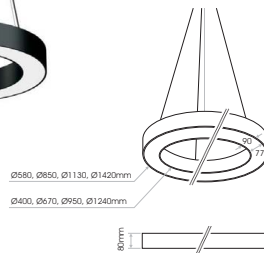
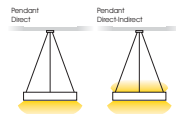


ECLIPSE PDD/PDDI

(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant 

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 199lm/W (4000K)
Luminaire efficacy up to 115lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20



ECLIPSE PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct



Model	Luminaire Colour*	CCT	Wall / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Pendant Direct High Power (ECLIPSE PDD HP)	White (WH) (30)	3000K	HIGH POWER	> 80 (80)	> 80 (80)	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard (0/0)
	Black (BL) (40)	4000K	46.2W / 58cm (40W058)	6910lm	7310lm	Low Glare (LG)***		Analogue (A1)	Emergency (1/0)
	Grey (GR)	4000K	75W / 85cm (75W085)	11070lm	11740lm			DALI (DL)	Canopy - Wire Rope Length (0/0)
	Grey (GR)	4000K	104.5W / 113cm (105W113)	15490lm	16390lm			Wireless (WL)	No Canopy - 1.5m (0/0)
ECLIPSE Pendant Direct High Efficiency (ECLIPSE PDD HE)	White (WH) (30)	3000K	HIGH EFFICIENCY	> 80 (80)	> 80 (80)	Opal (OP)			
	Black (BL) (40)	4000K	17.6W / 58cm (18W058)	2940lm	3110lm	Low UGR (LU)***			
	Grey (GR)	4000K	26.7W / 85cm (27W085)	4450lm	4720lm				
	Grey (GR)	4000K	37.2W / 113cm (37W113)	6230lm	6590lm				

- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ECLIPSE PDD HP-BL-30-105W113-80-LG-230-ND-011



ECLIPSE PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Pendant Direct-Indirect



Model	Luminaire Colour*	CCT	Wall / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Pendant Direct-Indirect High Power (ECLIPSE PDDI HP)	White (WH) (30)	3000K	HIGH POWER	> 80 (80)	> 80 (80)	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard (0/0)
	Black (BL) (40)	4000K		direct-INDIRECT	direct-INDIRECT	Low Glare (LG)***		Analogue (A1)	Emergency (1/0)
	Grey (GR)	4000K	69.3W / 58cm (69W058)	6910lm	7310lm			DALI (DL)	Canopy - Wire Rope Length (0/0)
	Grey (GR)	4000K	112.5W / 85cm (113W085)	11070lm	11740lm			Wireless (WL)	No Canopy - 1.5m (0/0)
ECLIPSE Pendant Direct-Indirect High Efficiency (ECLIPSE PDDI HE)	White (WH) (30)	3000K	HIGH EFFICIENCY	> 80 (80)	> 80 (80)	Opal (OP)			
	Black (BL) (40)	4000K	26.3W / 58cm (26W058)	2940lm	3110lm	Low UGR (LU)***			
	Grey (GR)	4000K	40W / 85cm (40W085)	4450lm	4720lm				
	Grey (GR)	4000K	55.9W / 113cm (56W113)	6230lm	6590lm				

- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ECLIPSE PDDI HP-BL-30-157W113-80-LG-230-ND-011



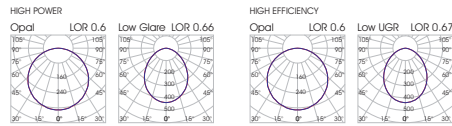
ECLIPSE PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



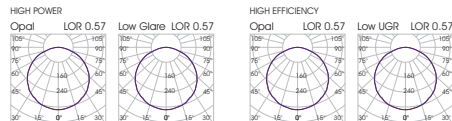
Ø580mm Ø650mm Ø1130mm Ø1420mm

	Ø580mm	Ø650mm	Ø1130mm	Ø1420mm
ECLIPSE PDD				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
ECLIPSE PDDI				
HIGH POWER	69W	113W	157W	201W
HIGH EFFICIENCY	26W	40W	56W	72W
Weight	3.63kgs	5.48kgs	7.42kgs	10kgs

Direct



Indirect



ECLIPSE PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Canopies & Suspension

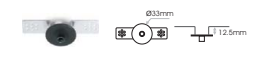
1. Cable SF (surface)



2. Cable RC (recessed)



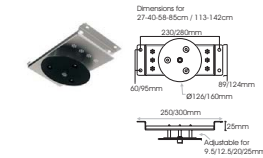
3. Cable TR (rimless)



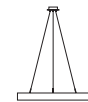
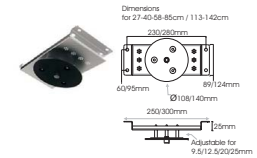
4. Hybrid SF (surface)



5. Hybrid RC (recessed)



6. Hybrid TR (rimless)



Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm	for 85cm - 85cm
for 40cm - 40cm	for 113cm - 110cm
for 58cm - 60cm	for 142cm - 160cm

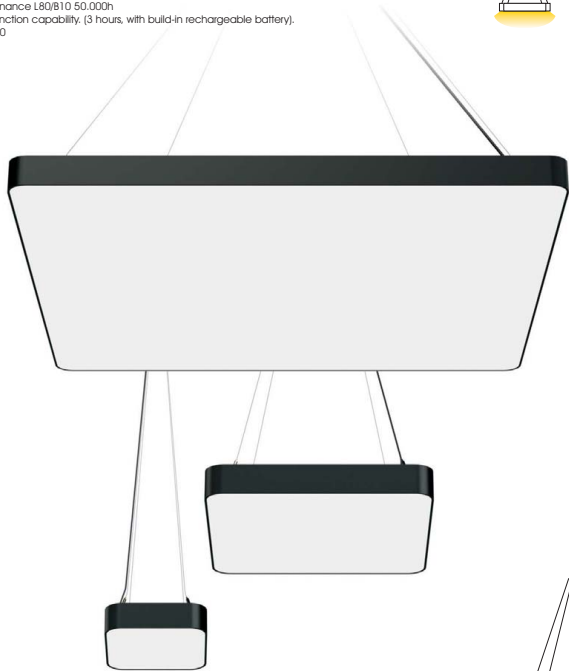
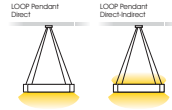
For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

LOOP PDD/PDDI

(Pendant Direct/Pendant Direct-Indirect)



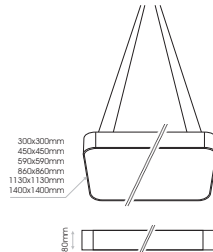
- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trackless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21,8*) as an option in the High Power model.
- It is offered with a Low Glare (UGR<18,6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA.
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 203lm/W (40000K)
Luminaire efficacy up to 138lm/W (40000K)

- Available upon request:**
- ✓ Custom luminaire colours
 - ✓ Emergency version

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20



LOOP PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct



Model	Luminaire Colour*	CCT	Wall / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras		
LOOP Pendant Direct High Power (LOOP PDD HP)	White (WH)	3000K (30)	HIGH POWER	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard Emergency (0/0) (1/0)		
	Black (BL)	4000K (40)		30x30cm (18W/3030)	2660lm	2780lm	Low Glare (LG)***	Analogue (1-10V) (A1)			
	Grey (GR)	39.5W / 45x45cm (40W/4545)		5860lm	6160lm						
		75W / 59x59cm (75W/5959)		10720lm	11270lm						
		153.5W / 86x86cm (154W/8686)		22150lm	23290lm						
		272.8W / 113x113cm (273W/113113)		39380lm	41400lm						
		426.3W / 140x140cm (426W/140140)		61540lm	64700lm						
		Canopy - Wire Rope Length									
		No Canopy - 1.5m (040)		3m (041)							
		Cable SF - 1.5m (040)		3m (041)							
Cable RC - 1.5m (040)	3m (041)										
Cable TR - 1.5m (040)	3m (041)										
Hybrid SF - 1.5m (040)	3m (041)										
Hybrid RC - 1.5m (040)	3m (041)										
Hybrid TR - 1.5m (040)	3m (041)										
Metal tube****1.2m (070) (without wire ropes)											
LOOP Pendant Direct High Efficiency (LOOP PDD HE)	HIGH EFFICIENCY			> 80 (80)	> 80 (80)	Opal (CP)					
	6.6W / 30x30cm (07W/3030)	1130lm	1180lm			Low UGR (LU)***					
	13.4W / 45x45cm (13W/4545)	2250lm	2370lm								
	25.9W / 59x59cm (26W/5959)	4200lm	4410lm								
	58.3W / 86x86cm (58W/8686)	9450lm	9930lm								
	103.7W / 113x113cm (104W/113113)	16790lm	17650lm								
	162W / 140x140cm (162W/140140)	26230lm	27580lm								

- * Custom luminaire colours available upon request.
- ** Available in CRI90 upon request.
- *** Low Glare (UGR<21.8), Low UGR (UGR<18.6)
- **** Metal tube is not available for 27cm.

Ordering Code Example: LOOP PDD HP-BL-30-154W/8686-80-LG-230-ND-011



LOOP PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct-Indirect

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Wall / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras		
LOOP Pendant Direct-Indirect High Power (LOOP PDDI HP)	White (WH)	3000K (30/30)	HIGH POWER	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard Emergency (0/0) (1/0)		
	Black (BL)	4000K (40/40)		DIRECT-INDIRECT	DIRECT-INDIRECT	Low Glare (LG)***	Analogue (1-10V) (A1)				
	Grey (GR)	3000K (30/40)		2660lm	2780lm						
		4000K (30/40)		59.7W / 45x45cm (60W/4545)	5860lm	6160lm					
		4000K (40/40)		114.5W / 59x59cm (115W/5959)	10720lm	11270lm					
		4000K (40/30)		235.3W / 86x86cm (235W/8686)	22150lm	23290lm					
		4000K (40/30)		409.4W / 113x113cm (409W/113113)	39380lm	41400lm					
		641.1W / 140x140cm (641W/140140)		61540lm	64700lm						
		Canopy - Wire Rope Length									
		No Canopy - 1.5m (040)		3m (041)							
Cable SF - 1.5m (040)	3m (041)										
Cable RC - 1.5m (040)	3m (041)										
Cable TR - 1.5m (040)	3m (041)										
Hybrid SF - 1.5m (040)	3m (041)										
Hybrid RC - 1.5m (040)	3m (041)										
Hybrid TR - 1.5m (040)	3m (041)										
Metal tube****1.2m (070) (without wire ropes)											
LOOP Pendant Direct-Indirect High Efficiency (LOOP PDDI HE)	HIGH EFFICIENCY			> 80 (80)	> 80 (80)	Opal (CP)					
	9.4W / 30x30cm (09W/3030)	1130lm	1180lm			Low UGR (LU)***					
	20.6W / 45x45cm (21W/4545)	2250lm	2370lm								
	39.3W / 59x59cm (39W/5959)	4200lm	4410lm								
	87.5W / 86x86cm (88W/8686)	9450lm	9930lm								
	162.3W / 113x113cm (152W/113113)	16790lm	17650lm								
	242.2W / 140x140cm (242W/140140)	26230lm	27580lm								

- * Custom luminaire colours available upon request.
- ** Available in CRI90 upon request.
- *** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: LOOP PDDI HE-BL-30-88W/8686-80-LU-230-ND-011



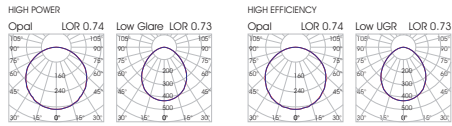
LOOP PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



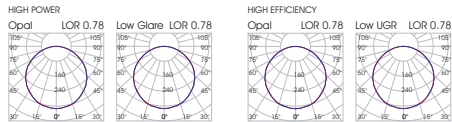
300x300mm 450x450mm 590x590mm 860x860mm 1130x1130mm 1400x1400mm

LOOP PDD	18W		40W		75W		154W		273W		426W	
HIGH POWER	7W	13W	26W	52W	104W	208W	416W	832W	1664W	3328W	6656W	13312W
LOOP PDDI	26W		60W		115W		235W		409W		641W	
HIGH POWER	9W	21W	39W	78W	156W	312W	624W	1248W	2496W	4992W	9984W	19968W
HIGH EFFICIENCY	9W	21W	39W	78W	156W	312W	624W	1248W	2496W	4992W	9984W	19968W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs						

Direct



Indirect



LOOP PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Canopies & Suspension

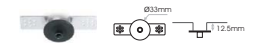
1. Cable SF (surface)



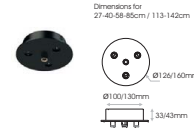
2. Cable RC (recessed)



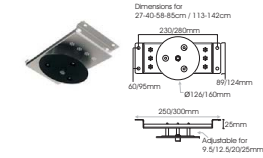
3. Cable TR (trimless)



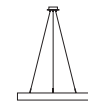
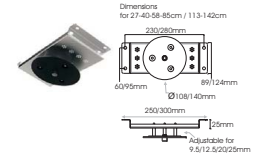
4. Hybrid SF (surface)



5. Hybrid RC (recessed)



6. Hybrid TR (trimless)

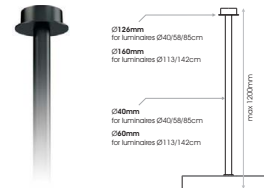


Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm for 85cm - 85cm
for 40cm - 40cm for 113cm - 110cm
for 58cm - 60cm for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

7. Metal Tube Suspension
(only for Pendant Direct models)

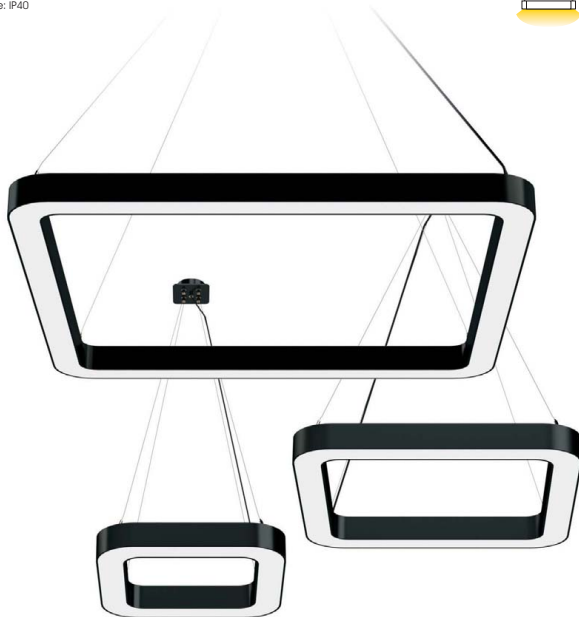
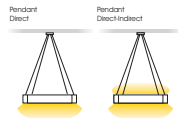


ORBIT PDD/PDDI

(Pendant Direct/Pendant Direct-Indirect)

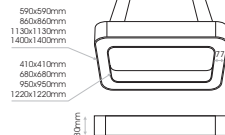


- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (Macadam 3).
- Lumen maintenance L80/B10 50,000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

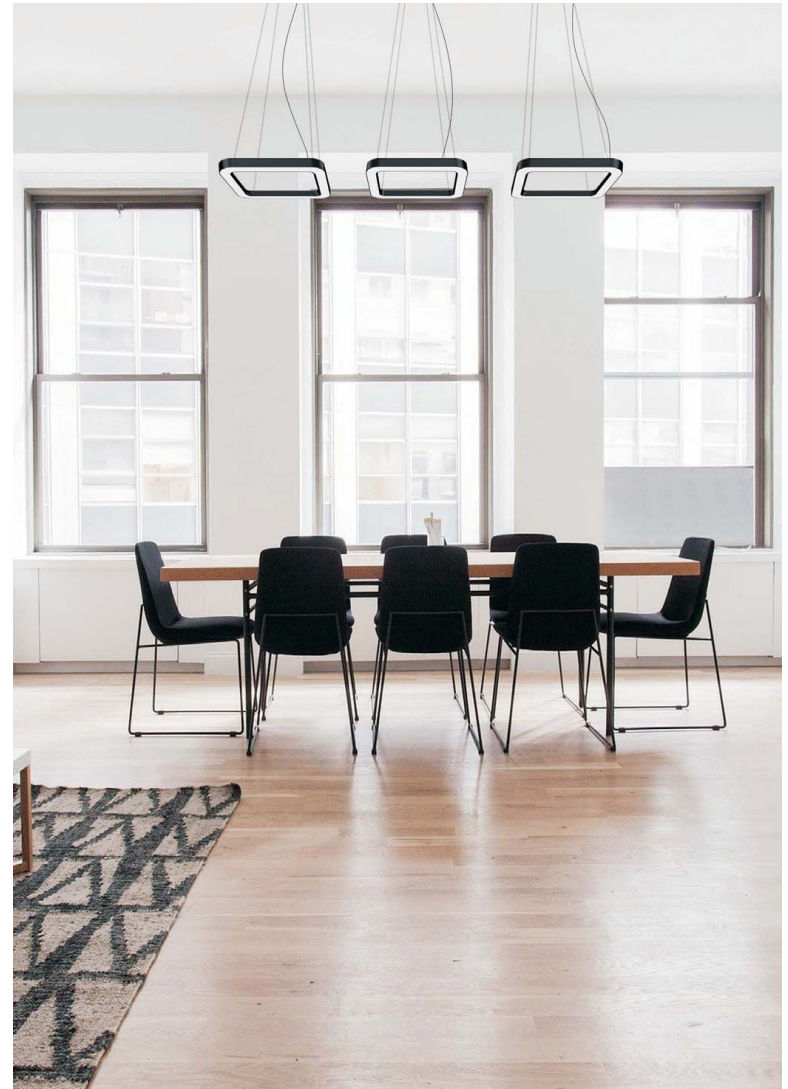


LED source efficacy up to 202lm/W (4000K)
Luminaire efficacy up to 117lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
 - ✓ Emergency version



*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20



ORBIT PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct



Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct High Power <i>(CRBIT PDD HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER 61.6W / 59x59cm <i>(52W/5959)</i> 93.6W / 86x86cm <i>(94W/8686)</i> 128.7W / 113x113cm <i>(129W/113113)</i> 163.9W / 140x140cm <i>(164W/140140)</i>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(000)</i> Emergency <i>(100)</i>
	Black <i>(BK)</i>	4000K <i>(40)</i>		3000K	4000K	Low Glare <i>(LG)***</i>		Dimmable <i>(D)</i>	Analogue <i>(1-10V) (A1)</i> DALI <i>(DL)</i> Wireless <i>(WL)</i>
	Grey <i>(GR)</i>								
ORBIT Pendant Direct High Efficiency <i>(CRBIT PDD HE)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH EFFICIENCY 23.4W / 59x59cm <i>(23W/5959)</i> 32.8W / 86x86cm <i>(33W/8686)</i> 45.1W / 113x113cm <i>(45W/113113)</i> 57.4W / 140x140cm <i>(57W/140140)</i>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>		Non Dimmable <i>(ND)</i>	Function Standard <i>(000)</i> Emergency <i>(100)</i>
	Black <i>(BK)</i>	4000K <i>(40)</i>		3000K	4000K	Low UGR <i>(LU)***</i>		Dimmable <i>(D)</i>	Analogue <i>(1-10V) (A1)</i> DALI <i>(DL)</i> Wireless <i>(WL)</i>
	Grey <i>(GR)</i>								

- * Custom luminaire colour available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ORBIT PDD HP-WH-30-94W/8686-80-LG-230-ND-011



ORBIT PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Pendant Direct-Indirect



Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct-Indirect High Power <i>(CRBIT PDDI HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER 92.5W / 59x59cm <i>(93W/5959)</i> 144.5W / 86x86cm <i>(145W/8686)</i> 194.1W / 113x113cm <i>(194W/113113)</i> 251.1W / 140x140cm <i>(251W/140140)</i>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(000)</i> Emergency <i>(100)</i>
	Black <i>(BK)</i>	4000K <i>(40)</i>		DIRECT-INDIRECT	DIRECT-INDIRECT	Low Glare <i>(LG)***</i>		Dimmable <i>(D)</i>	Analogue <i>(1-10V) (A1)</i> DALI <i>(DL)</i> Wireless <i>(WL)</i>
	Grey <i>(GR)</i>								
ORBIT Pendant Direct-Indirect High Efficiency <i>(CRBIT PDDI HE)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH EFFICIENCY 33.8W / 59x59cm <i>(34W/5959)</i> 50W / 86x86cm <i>(50W/8686)</i> 65.8W / 113x113cm <i>(66W/113113)</i> 84.9W / 140x140cm <i>(85W/140140)</i>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>		Non Dimmable <i>(ND)</i>	Function Standard <i>(000)</i> Emergency <i>(100)</i>
	Black <i>(BK)</i>	4000K <i>(40)</i>		DIRECT-INDIRECT	DIRECT-INDIRECT	Low UGR <i>(LU)***</i>		Dimmable <i>(D)</i>	Analogue <i>(1-10V) (A1)</i> DALI <i>(DL)</i> Wireless <i>(WL)</i>
	Grey <i>(GR)</i>								

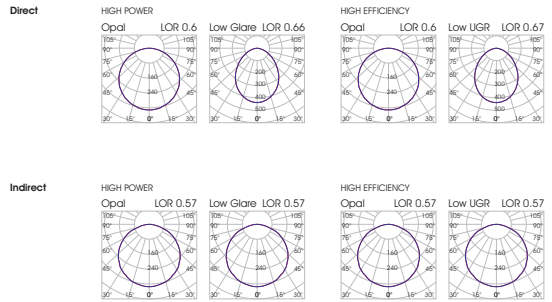
- * Custom luminaire colour available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ORBIT PDDI HE-WH-30-66W/113113-80-LU-230-ND-011

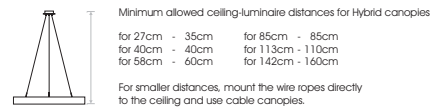
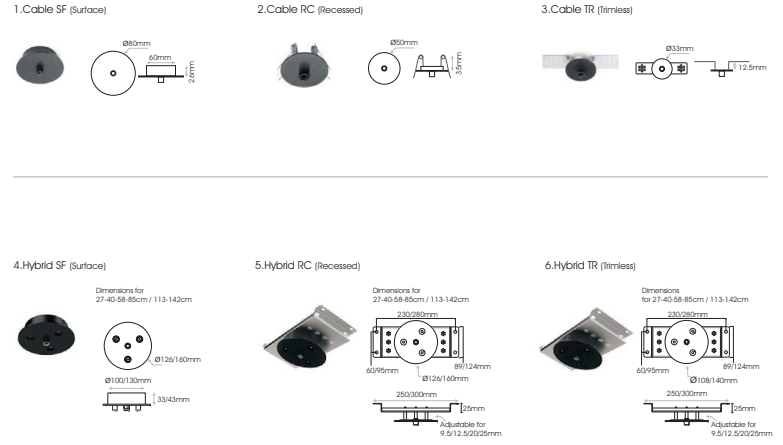




	590x590mm	860x860mm	1130x1130mm	1400x1400mm
ORBIT PDD				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
ORBIT PDDI				
HIGH POWER	93W	145W	194W	251W
HIGH EFFICIENCY	34W	50W	66W	85W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs



Canopies & Suspension



AURIGA



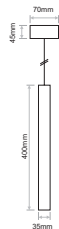
- AURIGA is a slim pendant luminaire available in non-dimmable version.
- 3 SDCM
- L90/B10 - 50,000h



Model (LED Power)	CCT	LED Source / per LED	Type	CRI	Beam Angle	Colour	Dimming Option
AURIGA 6.4W <i>(AURIGA 6)</i>	2700K (278)	505lm	Fixed (FX)	70* (70)	33° (33)	White (WH)	Non-Dimmable 230VAC (ND)
	3000K (308)	550lm		80 (80)	47° (47)		
	4000K (408)	590lm		90** (90)	65° (65)		
	5600K (568)	685lm					

* 5600K only available in CRI 70
 ** CRI 90 only for 2700K & 3000K

Ordering Code Example: AURIGA 6- 30B-70-47-FX-WH-ND



ADORNO Pendant Retrofit



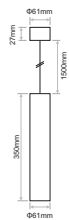
- Adorno series pendant light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.



Model	Outer Colour - Inner Colour	Type	Lamp Holder
ADORNO PD Retrofit <i>(ADORNO PDR)</i>	White-Black (WB)	Fixed (FX)	GU10 (max 7.5W) (G1)
	White-White (WW)		
	White-Gold (WG)		
	Black-Black (BB)		
	Black-White (BW)		
	Black-Gold (BG)		



Ordering Code Example: ADORNO PDR-WB-FX-G1

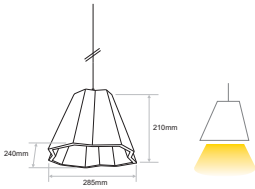


JERIS



Interior Pendant 

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCR001	JERIS	E27	40W	220-240VAC	Not Included	3.1Kg	IP20

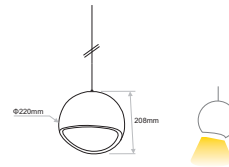


IRIS



Interior Pendant 

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCR002	IRIS	E27	40W	220-240VAC	Not Included	3.4Kg	IP20

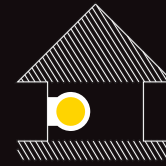
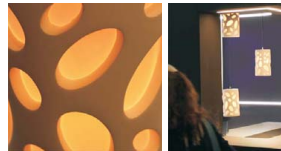
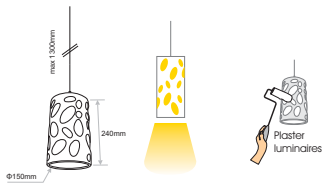


METIS

Interior Pendant 



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP003	METIS	E27	40W	220-240VAC	Not included	2Kg	IP20



INTERIOR
WALL SURFACE
WALL RECESSED

SYLVA S

- SYLVA S is a reading light available with concealed lighting and a spotlight to illuminate a specific area.
- It can be custom made with one switch.
- It can be custom made with USB socket (no concealed lighting).

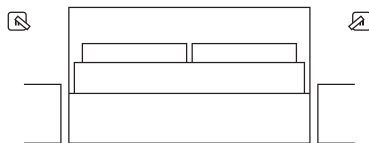
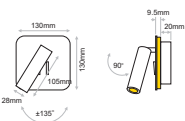
Interior Wall Surface, Recessed 



Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA S	10W	3000K	230VAC	Black White	130x130mm	IP20

IP20

*Available with one switch upon request.
 **Available in different CCT upon request.
 ***Available with USB upon request.



Interior Wall Surface, Recessed 

SYLVA L / SYLVA R

- SYLVA L & R are reading lights available with concealed lighting, a spotlight and USB socket.
- It can be custom made with one switch.

USB 



SYLVA L

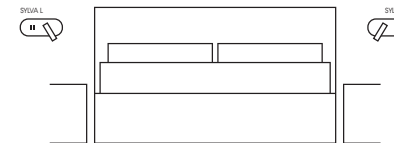
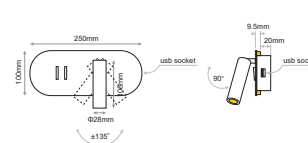


SYLVA R

Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA L	10W	3000K	230VAC	Black White	130x130mm	IP20
SYLVA R	10W	3000K	230VAC	Black White	130x130mm	IP20

IP20

*Available with one switch upon request.
 **Available in different CCT upon request.



NAMOS

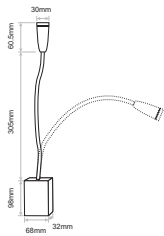
- NAMOS reading light with gooseneck, available in white colour.



Interior Wall Surface, Recessed 

CREE LEDs 

Code	Watt	CCT	Colour	Dimensions	Beam Angle	Voltage	IP Rate	
LWI.001	3W	3000K	White	Head: 30x50.5mm Base: 98x68x32mm	20°	230VAC	IP20	Dimmable



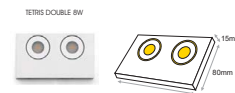
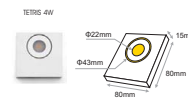
TETRIS

Interior Wall Surface, Recessed 

- TETRIS is an interior decorative wall luminaire.
- Dimmable 230VAC.
- Ideal to create interesting patterns on walls.

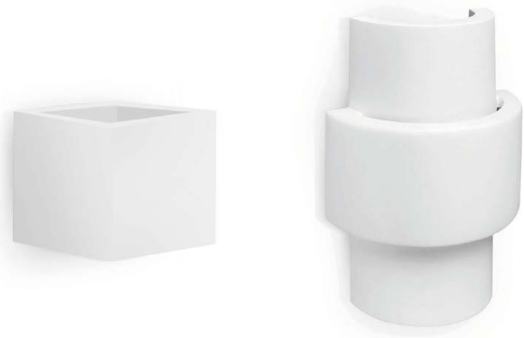


Model	CCT	Luminaire LED Lumen	Watt	CRI	Voltage	Colour	
TETRIS 4W	3000K	180lm	4W	80	230VAC	White	Dimmable
TETRIS DOUBLE 8W	3000K	350lm	8W	80	230VAC	White	Dimmable



CUBE PL / FAROS-P

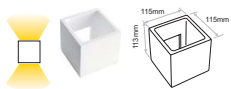
Interior Wall Surface, Recessed 



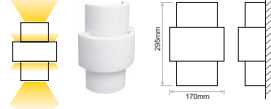
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.001	CUBE PL	G9	40W	220-240VAC	Not included	0.68Kg	IP20
PWM.011	FAROS-P	E14	40W	220-240VAC	Not included	2.41Kg	IP20



PWM.001
CUBE PL



PWM.011
FAROS-P



PRICL / BOWL / CURB

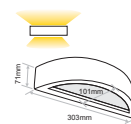
Interior Wall Surface, Recessed 



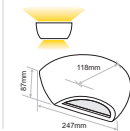
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.005	PRICL	E14	40W	220-240VAC	Not included	0.82Kg	IP20
PWM.006	BOWL	E14	40W	220-240VAC	Not included	0.76Kg	IP20
PWM.007	CURB	2xE14	2x40W	220-240VAC	Not included	1.32Kg	IP20



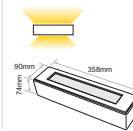
PWM.005
PRICL



PWM.006
BOWL

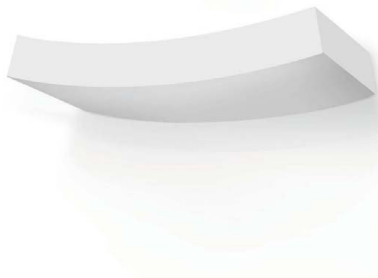


PWM.007
CURB

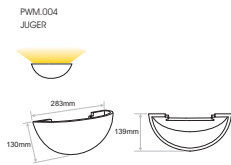
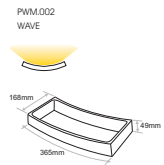


WAVE / JUGER

Interior Wall Surface, Recessed 



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.002	WAVE	R7S	100W	220-240VAC	Not Included	2.08Kg	IP20
PWM.004	JUGER	E14	40W	220-240VAC	Not Included	1.1Kg	IP20

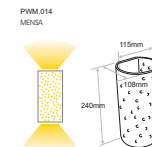
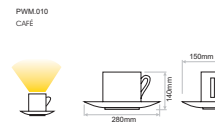


CAFÉ / MENSA

Interior Wall Surface, Recessed 

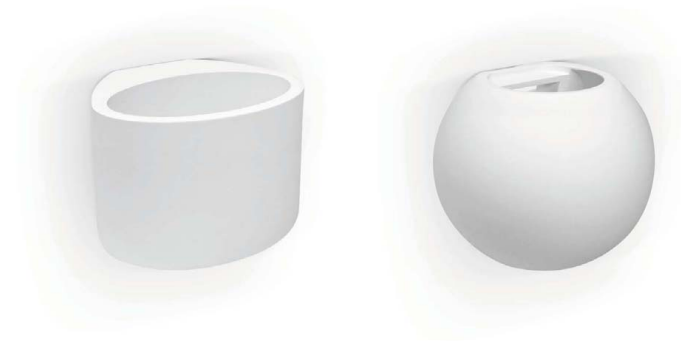


Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.010	CAFÉ	G9	40W	220-240VAC	Not Included	1.10Kg	IP20
PWM.014	MENSA	E14	40W	220-240VAC	Not Included	1.50Kg	IP20



LETO / JUNO

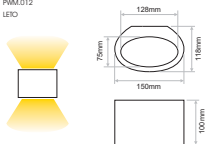
Interior Wall Surface, Recessed 



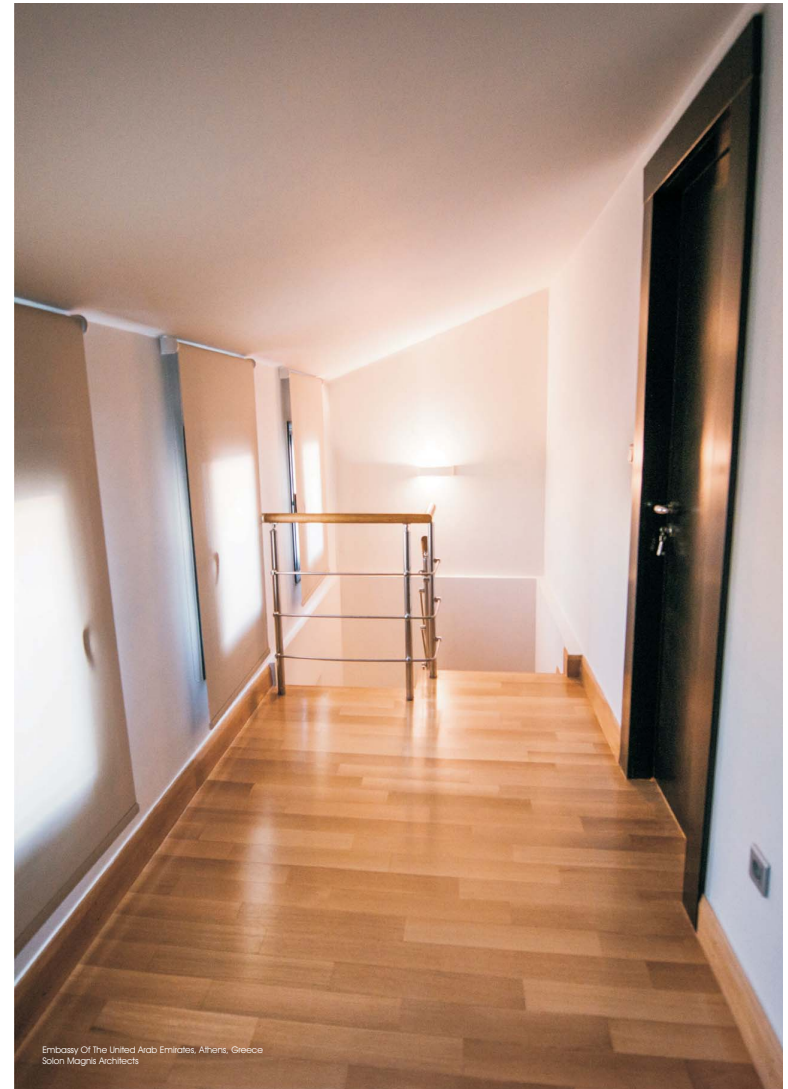
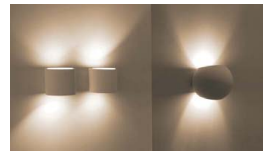
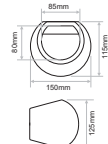
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.012	LETO	G9	40W	220-240VAC	Not included	0.75Kg	IP20
PWM.013	JUNO	G9	40W	220-240VAC	Not included	0.50Kg	IP20



PWM.012
LETO



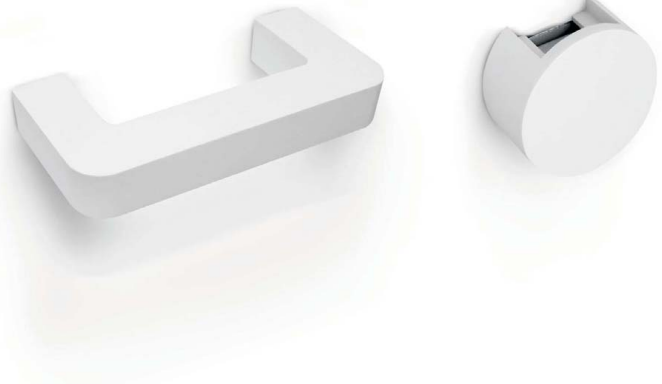
PWM.013
JUNO



Embassy Of The United Arab Emirates, Athens, Greece
Soloni Magnis Architects

EUROPA / IDA

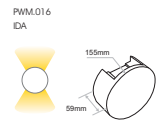
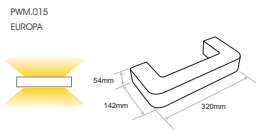
Interior Wall Surface, Recessed 



Code	Model	CCT	Watt	Constant Current	LED	Weight	IP Rate
PWM.015	EUROPA	3000K	1x3W	700mA	Included	1.05Kg	IP20
PWM.016	IDA	3000K	2x2W	500mA	Included	0.60Kg	IP20

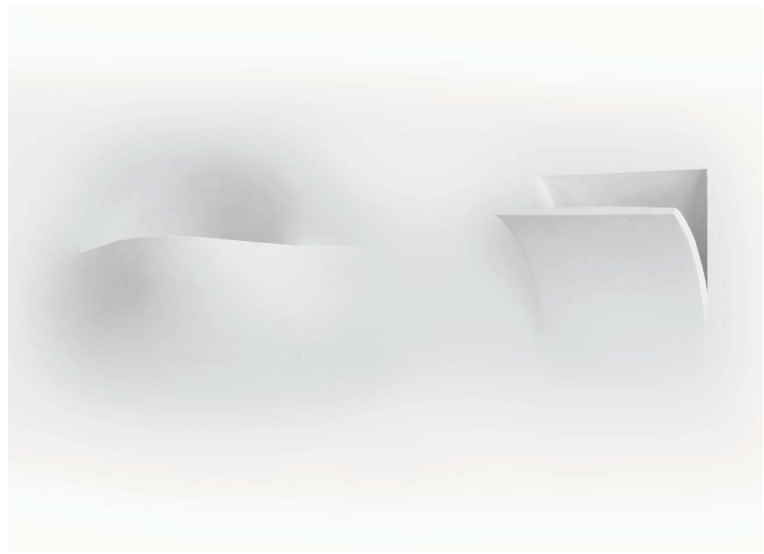
IP20  Plaster 


* Available in 5000K & Blue upon request.





EMILOS / IKTINOS

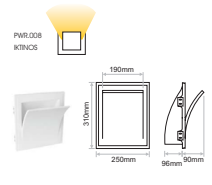
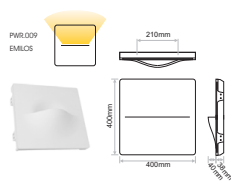
Interior Wall Surface, Recessed 



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight		IP Rate
PWR.009	EMILOS	G9	40W	220-240VAC	Not included	3.6Kg	402x402mm	IP20
PWR.008	IKTINOS	E14	40W	220-240VAC	Not included	3.9Kg	312x252mm	IP20

IP20  Plaster 

* Suitable for plasterboard 9mm-15mm



URGO PL / URGO SLEEK

Interior Wall Surface, Recessed 



Code	Model	CCT / Colour	Wall	Constant Current	LED	Lamp	Weight	IP Rate
PWR.001	URGO PL	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20
PWR.002	URGO SLEEK	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20

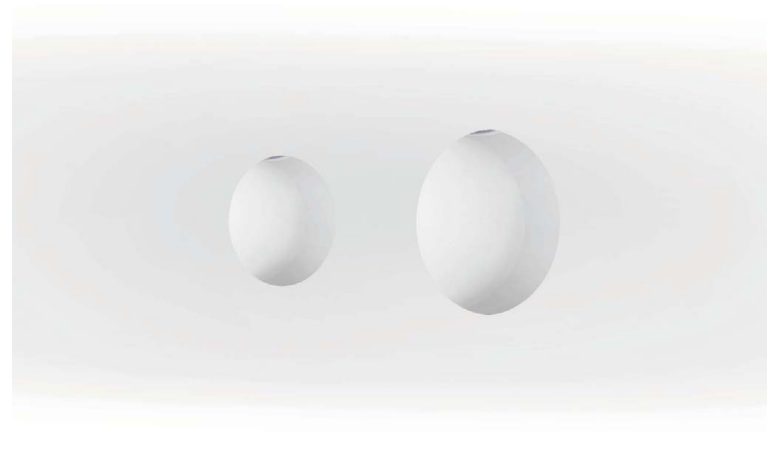


*Suitable for plasterboard 9mm-15mm

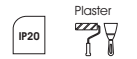


CIRCLE PL / CIRCLE LPL

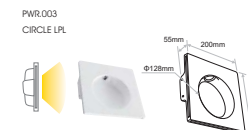
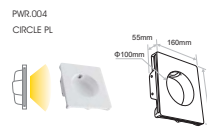
Interior Wall Surface, Recessed 



Code	Model	CCT / Colour	Wall	Constant Current	LED	Weight	IP Rate	
PWR.004	CIRCLE PL	5000K 3000K Blue	1x1W	350mA	Not included	1.08Kg	162x182mm	IP20
PWR.003	CIRCLE LPL	5000K 3000K Blue	1x1W	350mA	Not included	1.30Kg	202x202mm	IP20

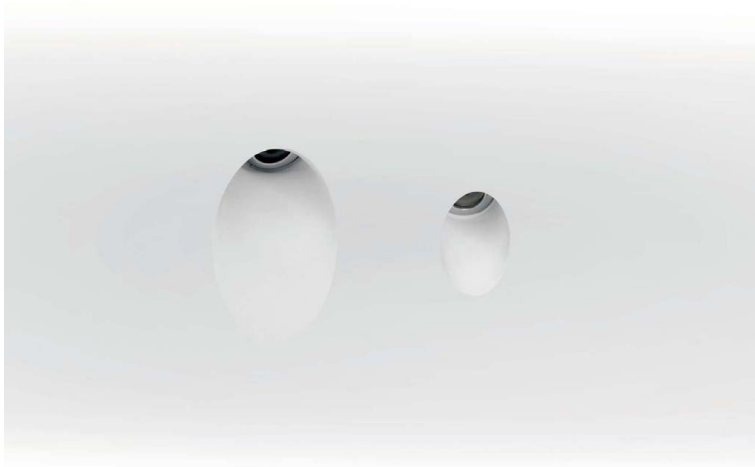



*Suitable for plasterboard 9mm-15mm



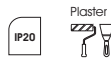
CERES L / CERES

Interior Wall Surface, Recessed 

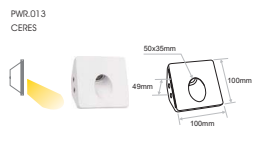


Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.012	CERES L	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	182x122mm	IP20
PWR.013	CERES	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	102x102mm	IP20

*Suitable for plasterboard 9mm-15mm

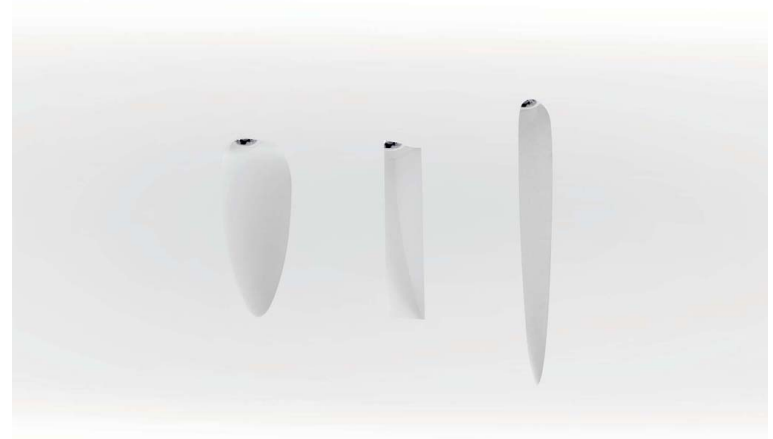



Not included
LED-Options
LED.302
 1W/350mA / 5000K
LED.303
 1W/350mA / 3000K
LED.304
 1W/350mA / BLUE



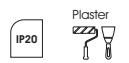
NECK / SHAPE / TEAR

Interior Wall Surface, Recessed 

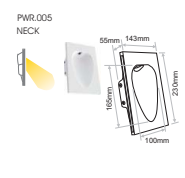


Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.005	NECK	5000K 3000K Blue	1x1W	350mA	Not included	1.00Kg	145x232mm	IP20
PWR.006	SHAPE	5000K 3000K Blue	1x1W	350mA	Not included	0.88Kg	110x247mm	IP20
PWR.007	TEAR	5000K 3000K Blue	1x1W	350mA	Not included	1.18Kg	103x322mm	IP20

*Suitable for plasterboard 9mm-15mm

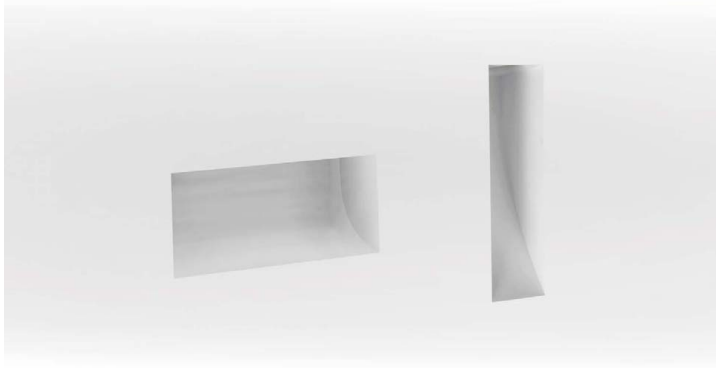



Not included
LED-Options
LED.302
 1W/350mA / 5000K
LED.303
 1W/350mA / 3000K
LED.304
 1W/350mA / BLUE



MYRON / BEAM

Interior Wall Surface, Recessed 

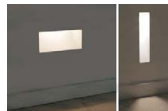
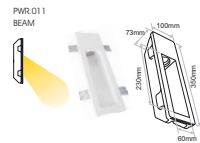
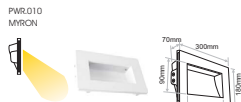


Code	Model	CCT	Watt	Constant Current	LED	Weight		IP Rate
PWR.010	MYRON	3000K	6.5W	350mA	Included	2.53Kg	302x182mm	IP20

*Suitable for plasterboard 9-15mm

Code	Model	Lamp Holder	Watt	Voltage	LED	Weight		IP Rate
PWR.011	BEAM	Gx5.3 / MR16	35W	12VAC	Not included	1.53Kg	352x102mm	IP20

*Suitable for plasterboard 9-15mm



Plaster

Interior Wall Surface, Recessed 

SATI



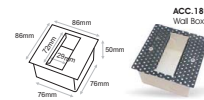
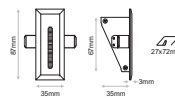
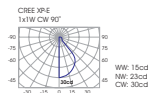
CREE LEDs

IP20

Code	No.LED	CCT*	Material	Current	Beam Angle	Colour of fitting**	Weight	IP Rate
ALW.038	1x1W	3000K	Aluminium	350mA	90°	White	0.06Kg	IP20

* Also available in 5000K upon request.

**Available in Black colour of fitting upon request.



LED DOT BEAM, LED DOT DOME/FROST

Interior Wall Surface, Recessed 



LED DOT BEAM

Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle**
24°						
DOT.001	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2.5KHz	24°
DOT.002		3000K				
DOT.003		4000K				
DOT.004		AMBER				
DOT.005		BLUE				
DOT.006		GREEN				
DOT.007		RED				
40°						
DOT.008	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2.5KHz	40°
DOT.009		3000K				
DOT.010		4000K				
DOT.011		AMBER				
DOT.012		BLUE				
DOT.013		GREEN				
DOT.014		RED				

*Available in CCT 5000K upon request.
**Available in 16° upon request.

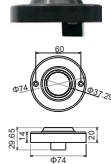
LED DOT DOME/FROST

Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle
DOT.015	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2.5KHz	120°
DOT.016		3000K				
DOT.017		4000K				
DOT.018		AMBER				
DOT.019		BLUE				
DOT.020		GREEN				
DOT.021		RED				

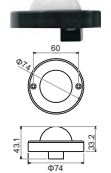
*Available in CCT 5000K upon request.



LED DOT BEAM



LED DOT DOME/FROST



ACC.288
Wall mounting ring for DOT

Wall Mounted



DOT BEAM
with recessed standard
wall box

DOT DOME/FROST
with recessed standard
wall box



ALUMINIUM PROFILES





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



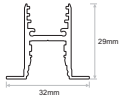
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

LINILINE RECESSED

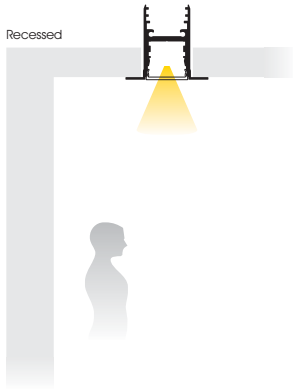
Aluminium Profile



- Liniline recessed aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Recessed



LINILINE RECESSED Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.019	LINILINE RECESSED alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 COV.005 COV.006	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.009	END CAP ALUM.		
	PRH.042	RETENTION SPRING Note: Use 2 pcs for length up to 100cm. 3 pcs up to 150cm, 4 pcs up to 200cm		
	PRH.043 PRH.044 PRH.045 PRH.046 PRH.047 PRH.048	EXTENSION LINE EXTENSION L 90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.049 PRH.050 PRH.051	L TYPE 90° LINILINE RECESSED T TYPE 90° LINILINE RECESSED X TYPE LINILINE RECESSED		
	PRH.052 PRH.053	VER-I CORNER 90° LINILINE RECESSED VER-O CORNER 90° LINILINE RECESSED		

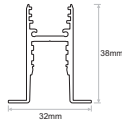


LINILINE RECESSED ANTIGLARE

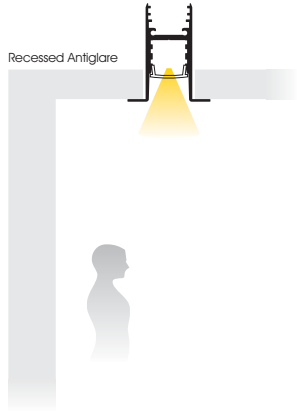
Aluminium Profile



- Liniline recessed antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Recessed Antiglare



LINILINE RECESSED ANTIGLARE Aluminium Profile

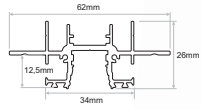
Image	Code	Description	Length	Design-Detail
	PRE079	LINILINE RECESSED ANTIGLARE alum.prof. / Anodized	2m	
	PRF117	SLIDING BASE alum.prof. / Anodized	2m	
	COV033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV018 COV017 COV007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP010	END CAP ALUM.		
	PRH042	RETENTION SPRING Note: Use 2 pcs for length up to 100cm, 3 pcs up to 150cm, 4 pcs up to 200cm		
	PRH.043 PRH.044 PRH.045 PRH.046 PRH.047 PRH.048	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.054 PRH.055 PRH.056	L TYPE 90° LINILINE RECESSED AG T TYPE 90° LINILINE RECESSED AG X TYPE LINILINE RECESSED AG		
	PRH.057 PRH.058	VER-I CORNER 90° LINILINE RECESSED AG VER-O CORNER 90° LINILINE RECESSED AG		

LINILINE TRIMLESS

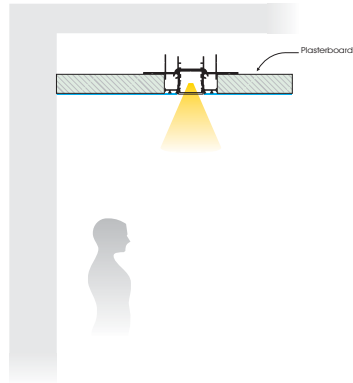
Aluminium Profile



- Liniline trimless aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless



LINILINE TRIMLESS Aluminium Profile

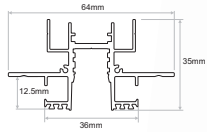
Image	Code	Description	Length	Design-Detail
	PRF.080	LINILINE TRIMLESS alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 COV.005 COV.006	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.011	END CAP ALUM.		
	PRH.043 PRH.044 PRH.045 PRH.046 PRH.047 PRH.048	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.059 PRH.060 PRH.061	L TYPE 90° LINILINE TRIMLESS T TYPE 90° LINILINE TRIMLESS X TYPE LINILINE TRIMLESS		
	PRH.062 PRH.063	VER-I CORNER 90° LINILINE TRIMLESS VER-O CORNER 90° LINILINE TRIMLESS		



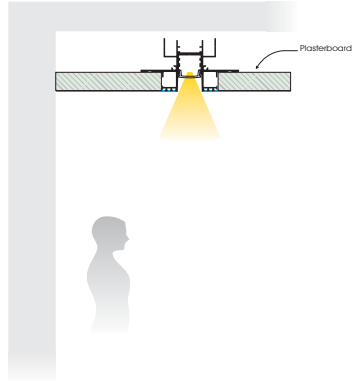
LINILINE TRIMLESS ANTIGLARE Aluminium Profile



- Liniline trimless antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless Antiglare



LINILINE TRIMLESS ANTIGLARE Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.081	LINILINE TRIMLESS ANTIGLARE alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.012	END CAP ALUM.		
	PRH.043 PRH.044 PRH.045 PRH.046 PRH.047 PRH.048	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.064 PRH.065 PRH.066	L TYPE 90° LINILINE TRIMLESS AG T TYPE 90° LINILINE TRIMLESS AG X TYPE LINILINE TRIMLESS AG		
	PRH.067 PRH.068	VER-I CORNER 90° LINILINE TRIMLESS AG VER-O CORNER 90° LINILINE TRIMLESS AG		

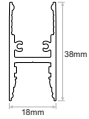


LINILINE SURFACE

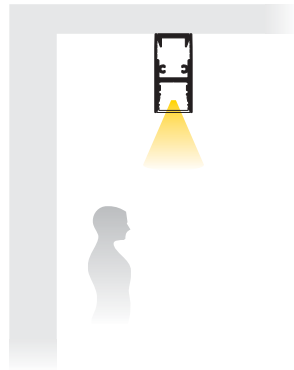
Aluminium Profile



- Liniline surface aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Surface



LINILINE SURFACE Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.082	LINILINE SURFACE alum.prof. / Anodized	2m	
	PRF.084	LINILINE BASE alum.prof. / Anodized	2m Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1.5m, 4pcs up to 2m luminaire lengths	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER	2m Note: At 70° only 10mm LED strip width	
	COV.004 COV.005 COV.006	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.013 CAP.014	FRONT CAP ALUM. END CAP ALUM.		
	PRH.069	EXTENSION LINE		
	PRH.070 PRH.071 PRH.072	L TYPE 90° LINILINE SURFACE T TYPE 90° LINILINE SURFACE X TYPE LINILINE SURFACE		
	PRH.073 PRH.074	VER-I CORNER 90° LINILINE SURFACE VER-O CORNER 90° LINILINE SURFACE		

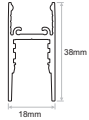


LINILINE SURFACE ANTIGLARE

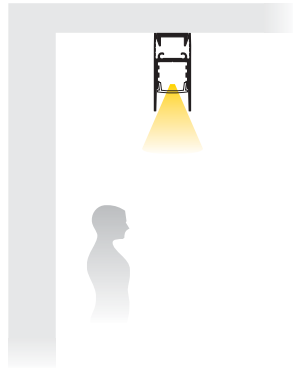
Aluminium Profile



- Liniline surface antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Surface Antiglare



LINILINE SURFACE ANTIGLARE Aluminium Profile

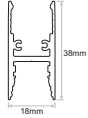
Image	Code	Description	Length	Design-Detail
	PRF083	LINILINE SURFACE ANTIGLARE alum.prof. / Anodized	2m	
	PRF084	LINILINE BASE alum.prof. / Anodized Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1.5m, 4pcs up to 2m luminaire lengths	2m	
	PRE117	SLIDING BASE alum.prof. / Anodized	2m	
	COV033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV018 COV017 COV007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAR015 CAR016	FRONT CAP ALLUM. END CAP ALLUM.		
	PRH069	EXTENSION LINE		
	PRH075 PRH076 PRH077	L TYPE 90° LINILINE SURFACE-AG T TYPE 90° LINILINE SURFACE-AG X TYPE LINILINE SURFACE-AG		
	PRH078 PRH079	VER-I CORNER 90° LINILINE SURFACE-AG VER-O CORNER 90° LINILINE SURFACE-AG		

LINILINE PENDANT

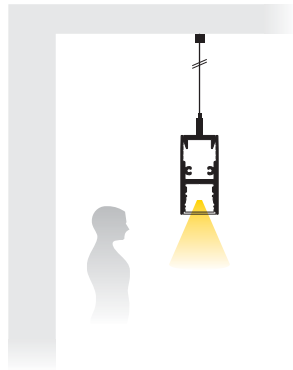
Aluminium Profile

Aluminium Profiles 

- Liniline pendant aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.






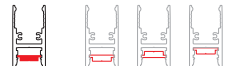

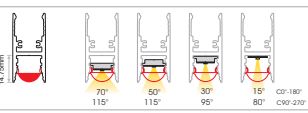

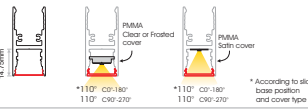





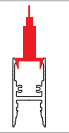

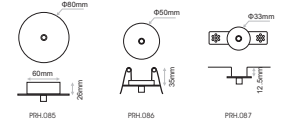








Pendant



Aluminium Profiles 

LINILINE PENDANT Aluminium Profile

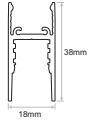
Image	Code	Description	Length	Design-Detail
	PRF.082	LINILINE PENDANT alum.prof. / Anodized	2m	
	PRF.084	LINILINE TOP COVER alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004	PMMA CLEAR COVER	2m	
	COV.005	PMMA FROSTED COVER	2m	
	COV.006	PMMA SATIN COVER	2m	
	CAP.014	END CAP ALLUM.		
	ACC.191* ACC.233*	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		
	PRH.099	LINE ALIGNMENT		

LINILINE PENDANT ANTIGLARE

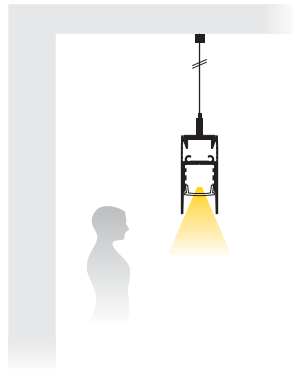
Aluminium Profile



- Liniline pendant antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant Antiglare



LINILINE PENDANT ANTIGLARE Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF083	LINILINE PENDANT ANTIGLARE alum.prof. / Anodized	2m	
	PRF084	LINILINE TOP COVER alum.prof. / Anodized	2m	
	PRF117	SLIDING BASE alum.prof. / Anodized	2m	
	COV033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV018 COV017 COV007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAR016	END CAP ALUM.		
	ACC.191* ACC.233*	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH085 PRH086 PRH087	CANOPY SURFACE LIGHT GREY CANOPY RECESSED LIGHT GREY CANOPY TRIMLESS LIGHT GREY		
	PRH037 PRH038	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension CABLE GLAND FOR LINILINE PENDANT		
	PRH099	LINE ALIGNMENT		

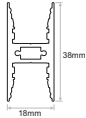
Canopy also available in black, white or different RAL colour upon request

LINILINE PENDANT DIRECT/INDIRECT

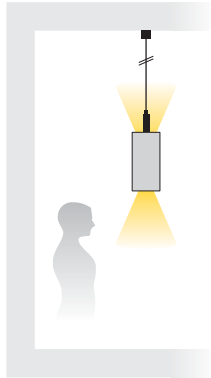
Aluminium Profile



- Linline pendant DIRECT/INDIRECT aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant DIRECT/INDIRECT



LINILINE PENDANT DIRECT/INDIRECT Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.012	LINILINE PENDANT DIRECT/INDIRECT alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 COV.005 COV.006	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.006	END CAP ALUM.		
	PRH.036	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT		
	ACC.191* ACC.233*	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		

Creates any possible beam angle combination, by choosing cover and sliding base position.

Example:
110°
30°

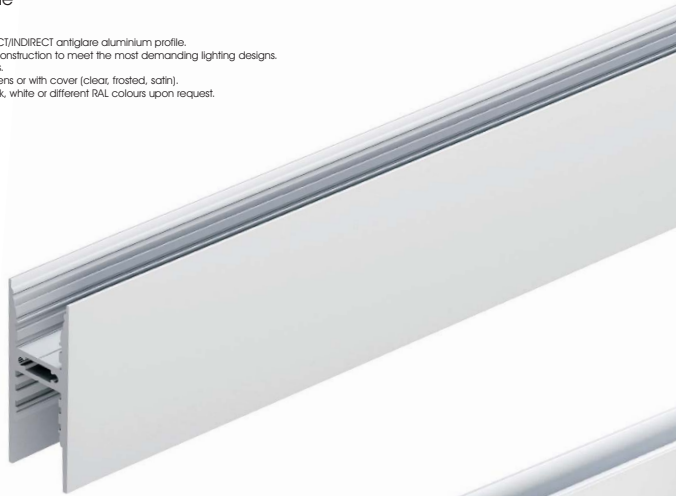
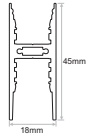


LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE

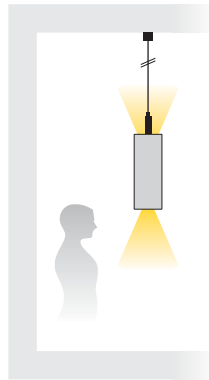
Aluminium Profile

Aluminium Profiles

- Liniline pendant DIRECT/INDIRECT antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant DIRECT/INDIRECT Antiglare



Aluminium Profiles

LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE Aluminium Profile

Image	Code	Description	Length	Design-Details
	PRF018	LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE alum.prof. / Anodized	2m	
	PRF117	SLIDING BASE alum.prof. / Anodized	2m	
	COV033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV004 COV005 COV006	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	COV016 COV017 COV007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAR008	END CAP ALUM.		
	PRH036	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT		
	ACC.191* ACC.233*	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085 PRH.086 PRH.087	CANOPY SURFACE LIGHT GREY CANOPY RECESSED LIGHT GREY CANOPY TRIMLESS LIGHT GREY		
	PRH.037 PRH.038	CABLE RESTRAINT ON WIRE ROPE CABLE GLAND FOR LINILINE PENDANT		

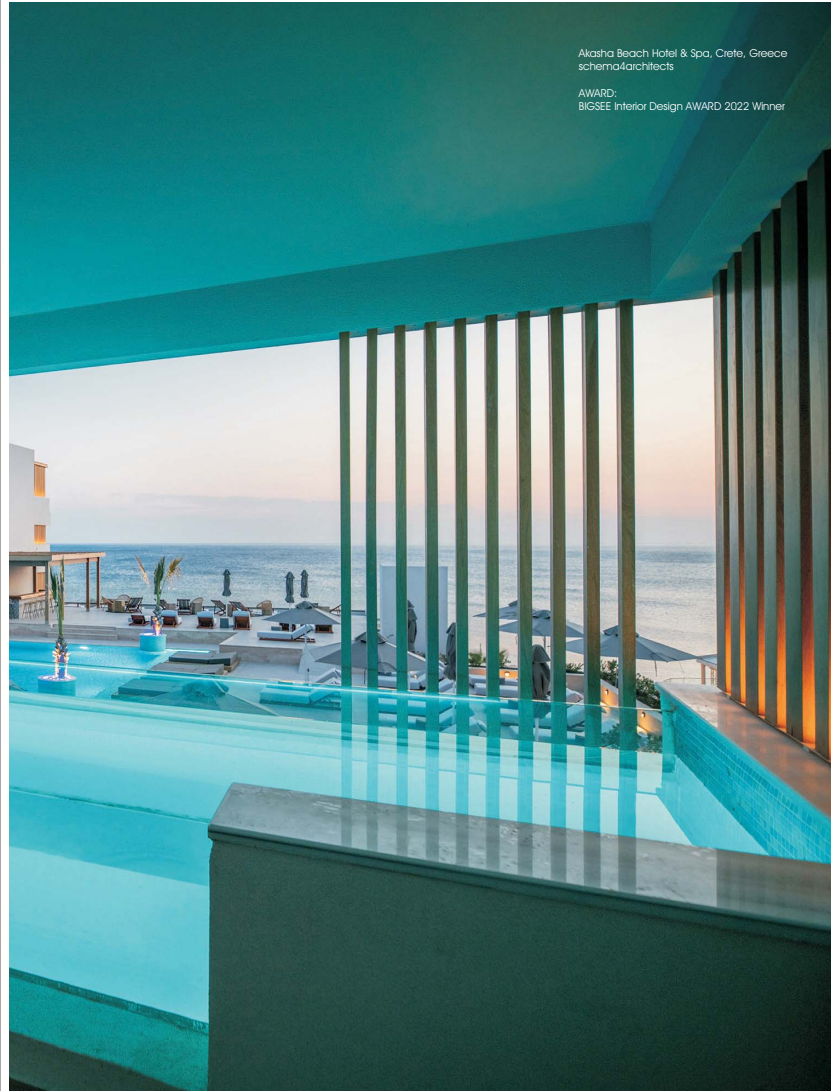
Chooses any possible beam angle combination, by choosing cover angle and sliding base position

Example: 30°
70°

Canopy also available in black, white or different RAL colour upon request.



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Akasha Beach Hotel & Spa, Crete, Greece
schema4architects

AWARD:
BIGSEE Interior Design AWARD 2022 Winner

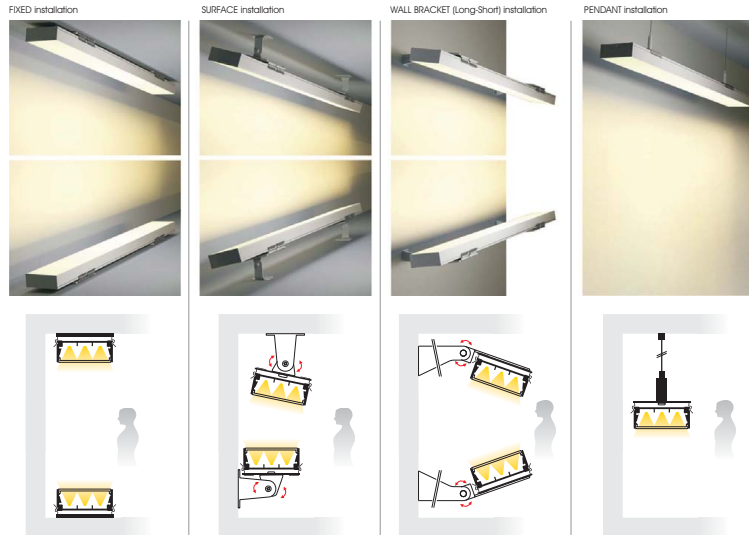
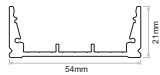
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

OUTLINER 50

Aluminium Profile



- OUTLINER 50 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



OUTLINER 50 Aluminium Profile



Image	Code	Description	Length	Design-Details
	PRF.128	OUTLINER 50 alum.prof. / Anodized	2m	
	COV.045	POLYCARBONATE CLEAR COVER	2m	
	COV.046	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.047	POLYCARBONATE MICROPRISMATIC COVER	2m	
	CAP.135	FRONT CAP (aluminium) for OUTLINER 50		
	CAP.136	END CAP (aluminium) for OUTLINER 50		
	PRH.008^{SS}	STAINLESS STEEL HOLDER for FIXED installation		
	PRH.011^{SS}	BRACKET for SURFACE installation		
	PRH.016^{SS} PRH.017^{SS}	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.020	ANTISLIPPER for VERTICAL installation (use two Antislipper per luminaire)		
	PRH.025^{SS} PRH.026^{SS}	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm, 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm, 1,5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

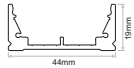


OUTLINER 40

Aluminium Profile



- OUTLINER 40 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



FIXED installation



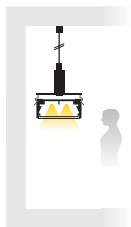
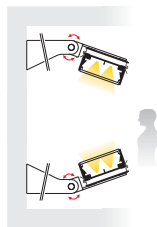
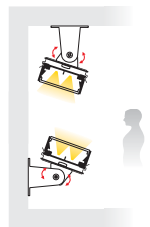
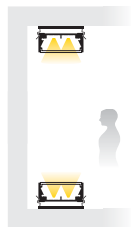
SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation



OUTLINER 40 Aluminium Profile



Image	Code	Description	Length	Design-Details
	PRF.125	OUTLINER 40 alum.prof. / Anodized	2m	
	COV.042	POLYCARBONATE CLEAR COVER	2m	
	COV.043	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.044	POLYCARBONATE MICROPRISMATIC COVER	2m	
	CAP.131	FRONT CAP (aluminium) for OUTLINER 40		
	CAP.132	END CAP (aluminium) for OUTLINER 40		
	PRH.007⁽¹⁾	STAINLESS STEEL HOLDER for FIXED installation		
	PRH.010⁽¹⁾	BRACKET for SURFACE installation		
	PRH.014⁽²⁾ PRH.015⁽²⁾	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.019	ANTISLIPPER for VERTICAL installation (use one Antislipper per luminaire)		
	PRH.023⁽¹⁾ PRH.024⁽¹⁾	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1.5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

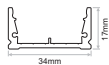


OUTLINER 30

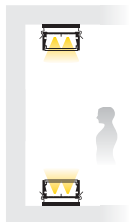
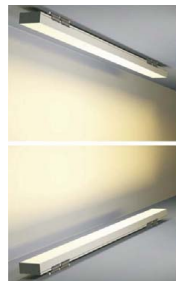
Aluminium Profile



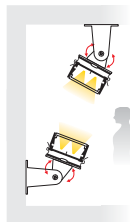
- OUTLINER 30 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



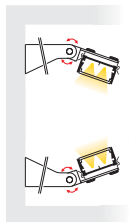
FIXED installation



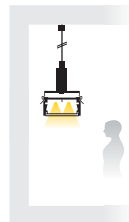
SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation



OUTLINER 30 Aluminium Profile



Image	Code	Description	Length	Design-Detail
	PRF.123	OUTLINER 30 alum.prof. / Anodized	2m	
	COV.039 COV.040 COV.041	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.127 CAP.128	FRONT CAP (aluminium) for OUTLINER 30 END CAP (aluminium) for OUTLINER 30		
	PRH.006 ¹⁾	STAINLESS STEEL HOLDER for FIXED installation		
	PRH.009 ¹⁾	BRACKET for SURFACE installation		
	PRH.012 ²⁾ PRH.013 ²⁾	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.021 ³⁾ PRH.022 ³⁾	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1.5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

OUTLINER 20

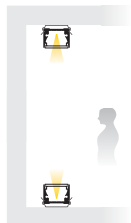
Aluminium Profile

Aluminium Profiles 

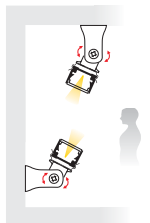
- OUTLINER 20 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



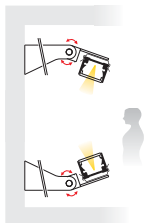
FIXED installation



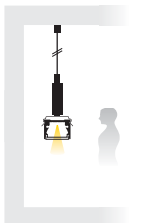
SURFACE installation



WALL BRACKET (Long-Short) installation






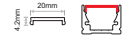

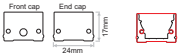



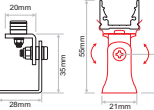

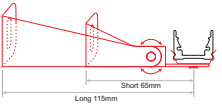


PENDANT installation



Aluminium Profiles 

OUTLINER 20 Aluminium Profile



Image	Code	Description	Length	Design-Detail
	PRF.119	OUTLINER 20 alum.prof. / Anodized	2m	
	COV.035 COV.036 COV.037	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.123 CAP.124	FRONT CAP (aluminium) for OUTLINER 20 END CAP (aluminium) for OUTLINER 20		
	ELA.008 ⁴⁾	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048 ¹⁾	BRACKET for SURFACE installation		
	ACC.284 ²⁾ ACC.285 ²⁾	WALL BRACKET LONG (pair) for OUTLINER 20 WALL BRACKET SHORT (pair) for OUTLINER 20		
	ACC.286 ³⁾ ACC.287 ³⁾	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 100cm, 3 pcs for lengths up to 150cm, 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm, 1,5 pair for lengths up to 150cm, 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

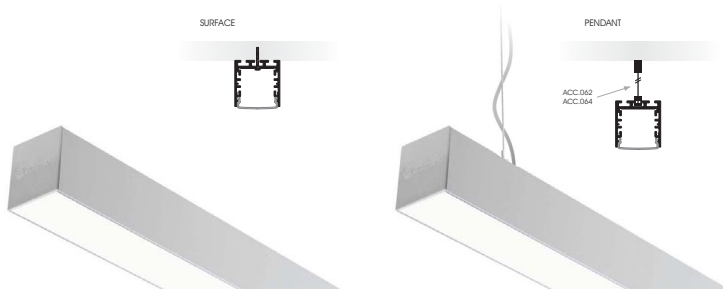
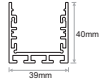


TETRA SLICK

Aluminium Profile



























Aluminium Profiles 

- TETRA SLICK aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.



Aluminium Profiles 

TETRA SLICK Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.130	TETRA SLICK alum.prof. / Anodized	2m	
	PRF.030	DUAL BAND SLIDING BASE	2m	
	ELA.016	ALUMINIUM SLIDING BASE (Thickness 2mm)	2m	
	COV.008 COV.009 COV.020	PMMA SATIN COVER PMMA CLEAR COVER PMMA MICROPRISMATIC COVER	2m 2m 2m	
	CAP.092	END CAP		
	ACC.062 ACC.064	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		
	ACC.070	HINGE		
	ACC.083	ECO BRACKET		
	ACC.074	180 DEGREE BRACKET		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		



Aluminium Profiles

TETRA Aluminium Profile

- TETRA aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface, semi recessed, recessed, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

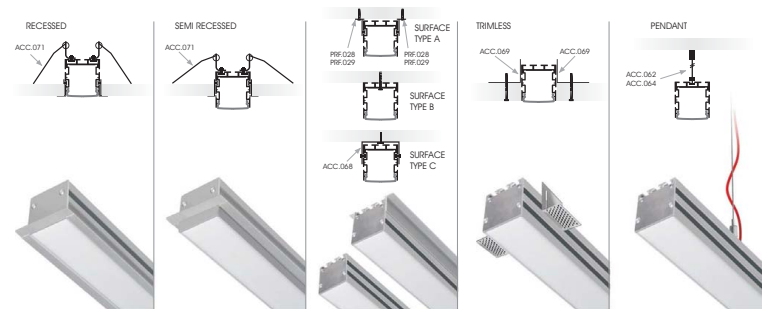







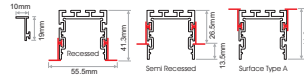

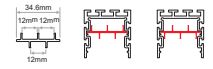

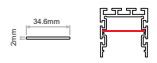

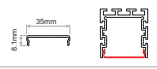



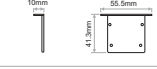









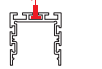

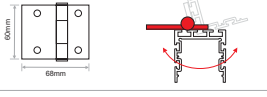

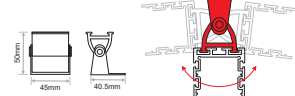





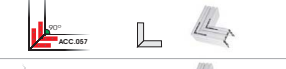

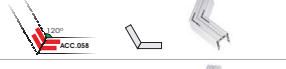


Image	Code	Description	Length	Design-Detail
	PRF.026 PRF.027	TETRA alum.prof. / Anodized TETRA alum.prof. / Non-Anodized	2m 2m	
	PRF.028 PRF.029	ANGLE alum.prof. / Anodized ANGLE alum.prof. / Non-Anodized	2m 2m	
	PRF.030	DUAL BAND SLIDING BASE	2m	
	ELA.016	ALUMINIUM SLIDING BASE (Thickness 2mm)	2m	
	COV.008 COV.009 COV.020	PMMA SATIN COVER PMMA CLEAR COVER PMMA MICROPRISMATIC COVER	2m 2m 2m	
	CAP.092	END CAP		
	CAP.051	RECESSED END CAP		
	CAP.052	SEMI RECESSED END CAP		
	ACC.071	RETAINING SPRING		

Image	Code	Description	Design-Detail
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD	
	ACC.068	CEILING SURFACE HOLDER	
	ACC.062 ACC.064	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm	
	ACC.070	HINGE	
	ACC.083	ECO BRACKET	
	ACC.074	180 DEGREE BRACKET	
	ACC.056	EXTENSION LINE	
	ACC.057	90° CORNER EXTENSION	
	ACC.058	60° CORNER EXTENSION	
	ACC.059	45° CORNER EXTENSION	





Private Residence, Athens, Greece
Tense Architecture Network
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prize as the best family residence in Europe

 Aluminium Profiles

TETRA PLUS
Aluminium Profile

- TETRA PLUS aluminium profile system ideal for linear LED lighting applications.
- Accessories for recessed, surface with hinge, surface, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

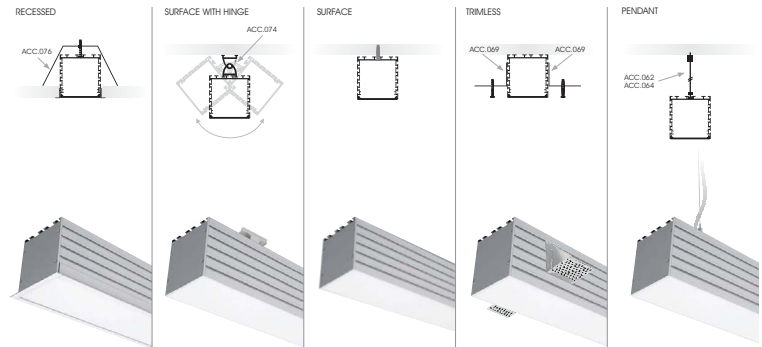
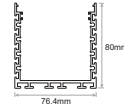



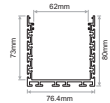

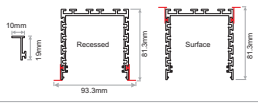

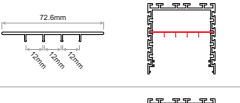



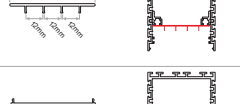

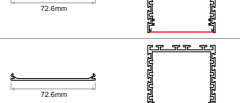

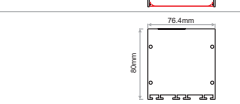

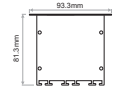



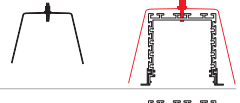



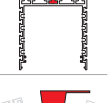





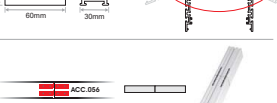

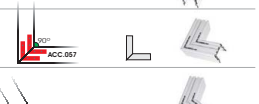

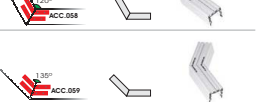


Image	Code	Description	Length	Design-Detail
	PRF.041 PRF.042	TETRA PLUS alum.prof. / Anodized TETRA PLUS alum.prof. / Non-Anodized	2m 2m	
	PRF.028 PRF.029	ANGLE alum.prof. / Anodized ANGLE alum.prof. / Non-Anodized	2m 2m	
	PRF.047	SLIDING BASE 3-BANK	2m	
	PRF.048	INNER HOLDERS	2m	
	PRF.044	SLIDING BASE 3-BANK INNER	2m	
	PRF.046	ALUMINIUM COVER / Non-Anodized	2m	
	COV.012	POLYCARBONATE SATIN COVER	2m	
	CAR.074	END CAP		
	CAR.081	RECESSED END CAP		

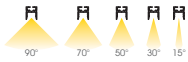
Image	Code	Description	Design-Detail
	ACC.076	RECESSED HOLDER	
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD	
	ACC.062 ACC.064	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm	
	ACC.083	ECO BRACKET	
	ACC.074	180 DEGREE BRACKET	
	ACC.056	EXTENSION LINE	
	ACC.057	90° CORNER EXTENSION	
	ACC.058	60° CORNER EXTENSION	
	ACC.059	45° CORNER EXTENSION	

LUMINET

Aluminium Profile

Aluminium Profiles 

- LUMINET aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Variety of beam angles.
- Multiple mounting options.
- Ideal for wall washing.
- Up to 12mm LED strip width (up to 10mm, at 70°).
- Available also in black, white or different RAL colours upon request.



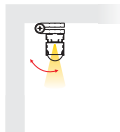
FIXED Installation



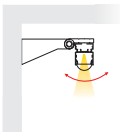
CEILING SUSPENSION Installation



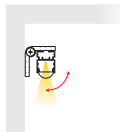
SURFACE ADJUSTABLE Installation



WALL BRACKET Installation




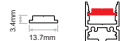

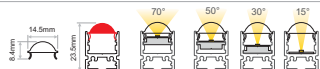

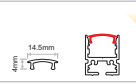



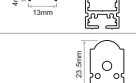
















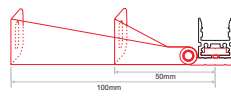







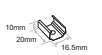


SURFACE ADJUSTABLE Installation



Aluminium Profiles 

LUMINET Aluminium Profile

Image	Code	Description	Length	Design-Details
	PRF116	LUMINET alum.prof. / Anodized	2m	
	PRF117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note 1: At 70° only 10mm LED strip width Note 2: Ideal for monochromatic LED strip	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	CAP115	FRONT CAP (aluminium) for LUMINET with COV.033		
	CAP116	END CAP (aluminium) for LUMINET with COV.033		
	CAP117	FRONT CAP (aluminium) for LUMINET with COV.018-017-007		
	CAP118	END CAP (aluminium) for LUMINET with COV.018-017-007		
	CAP119	FRONT CAP (aluminium) for LUMINET with COV.023-024-025-026-038		
	CAP120	END CAP (aluminium) for LUMINET with COV.023-024-025-026-038		
	ACC.280	HINGE FOR SURFACE ADJUSTABLE installation (pair) (adjustable without tools)		
	ACC.281	WALL BRACKET 10cm (pair)		
	ACC.282	WALL BRACKET 5cm (pair)		
	ACC.283	EXTENSION LINE FOR LUMINET		
	ACC.106	CEILING SUSPENSION INSTALLATION 150cm (per piece)		
	ACC.107	CEILING SUSPENSION INSTALLATION 300cm (per piece)		
	PRH.001	HOLDER		


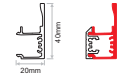



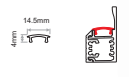



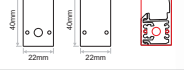







LIGUA 1

Aluminium Profile

Aluminium Profiles 

- LIGUA 1 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90° horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

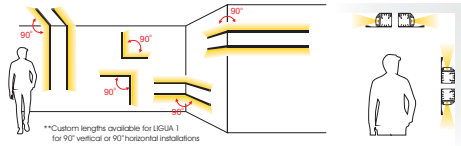


Image	Code	Description	Length	Design-Detail
	PRF.097	LIGUA 1 alum.prof. / Anodized	2m	
	PRF.098	LIGUA 1 mounting alum.prof. / Anodized	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.111	FRONT CAP for LIGUA 1		
	CAP.112	END CAP for LIGUA 1		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.099 and PRF.100		
	ACC.105	90° CORNER EXTENSION for PRF.101 and PRF.102		

PRE-FABRICATED CORNERS 90° FOR LIGUA 1



- PRF.099 VERTICAL-O
- PRF.100 VERTICAL-I
- PRF.101 HORIZONTAL-N
- PRF.102 HORIZONTAL-I



LIGUA 2

Aluminium Profile

Aluminium Profiles 

- LIGUA 2 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90° horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

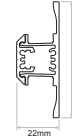

















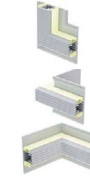
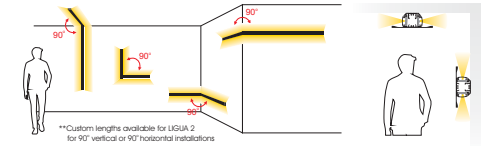


Image	Code	Description	Length	Design-Detail
	PRF.103	LIGUA 2 alum.prof. / Anodized	2m	
	PRF.104	LIGUA 2 mounting alum.prof. / Anodized	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.113	FRONT CAP for LIGUA 2		
	CAP.114	END CAP for LIGUA 2		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.108		
	ACC.105	90° CORNER EXTENSION for PRF.109 and PRF.110		

PRE-FABRICATED CORNERS 90° FOR LIGUA 2



- PRF.108 VERTICAL
- PRF.109 HORIZONTAL-N
- PRF.110 HORIZONTAL-I

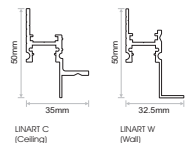


LINART

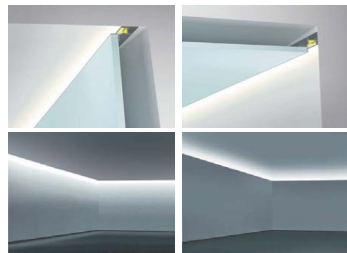
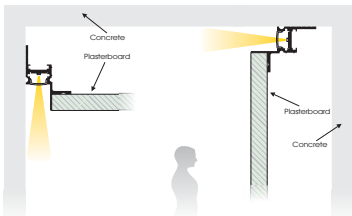
Aluminium Profile

Aluminium Profiles 

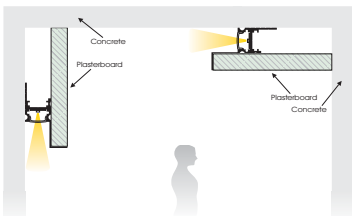
- LINART aluminium profile system ideal for linear LED lighting applications.
- For ceiling and wall installations.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.



LINART C (Ceiling)


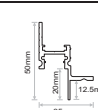

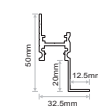

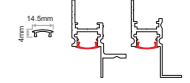

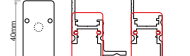












LINART W (Wall)



Aluminium Profiles 

LINART Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.077	LINART C alum.prof. / Anodized	2m	
	PRF.078	LINART W alum.prof. / Anodized	2m	
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.107	FRONT CAP for PRF.077/078		
	CAP.108	END CAP for PRF.077/078		
	ACC.101	EXTENSION LINE		
	ACC.102	90° CORNER HORIZONTAL EXTENSION		
	ACC.103	90° CORNER VERTICAL EXTENSION for PRF.088/092		
	ACC.104	90° CORNER VERTICAL EXTENSION for PRF.089/093		

Male Connectors (with 15cm cables)



Mini Junction Boxes
For all available models of mini junction boxes, which can be used with Linart series, please refer to "Cables/Connectors" section of the catalogue contents.

PREFABRICATED CORNERS 90° FOR LINART C (Ceiling)



PREFABRICATED CORNERS 90° FOR LINART W (Wall)



JOY

Aluminium Profile

- JOY aluminium profile with satin square or satin round cover.
- Accessories for pendant installation.
- Available also in black, white or different RAL colours upon request.



Aluminium Profiles

Aluminium Profiles

U TYPE

Aluminium Profile

- U TYPE aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant installations.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.



Image	Code	Description	Length	Design-Detail
	PRF.036	JOY alum.prof. / Anodized	2m	
	PRF.037	JOY alum.prof. / Non-Anodized	2m	
	COV.010	PMMA OPAL SQUARE COVER	2m	
	COV.011	PMMA OPAL ROUND COVER	2m	
	ELA.018	ALUMINIUM SLIDING BASE	2m	
	CAP.083	FRONT CAP for JOY with COV.010		
	CAP.082	END CAP for JOY with COV.010		
	CAP.085	FRONT CAP for JOY with COV.011		
	CAP.084	END CAP for JOY with COV.011		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.063	CEILING SUSPENSION INSTALLATION 150cm		
	ACC.065	CEILING SUSPENSION INSTALLATION 300cm		



Image	Code	Description	Length	Design-Detail
	PRF.022	U TYPE alum.prof. / Anodized	2m	
	PRF.023	U TYPE alum.prof. / Non-Anodized	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.078	FRONT CAP for U TYPE with COV.023-024-025-026-038		
	CAP.077	END CAP for U TYPE with COV.023-024-025-026-038		
	CAP.080	FRONT CAP for U TYPE with COV.017-018-007		
	CAP.079	END CAP for U TYPE with COV.017-018-007		
	PRH.001	HOLDER		
	ACC.062	CEILING SUSPENSION INSTALLATION 150cm		
	ACC.064	CEILING SUSPENSION INSTALLATION 300cm		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

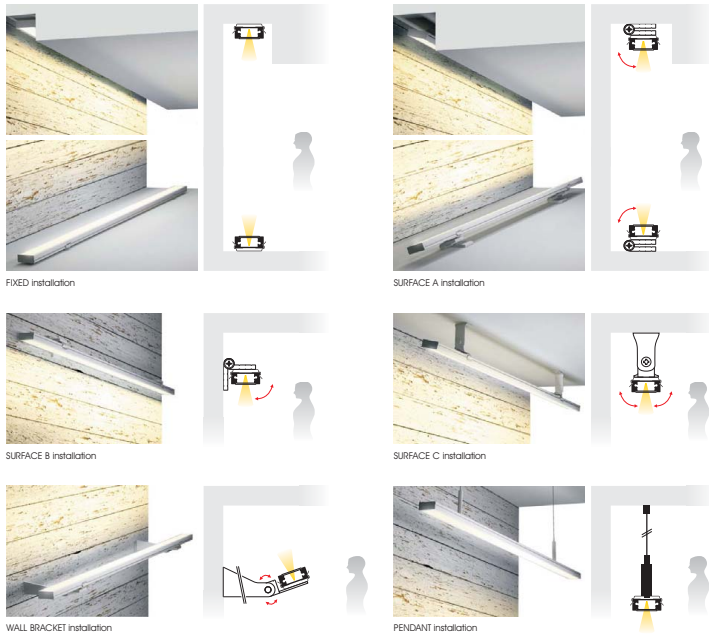


ELECSIA

Aluminium Profile






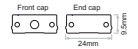



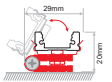

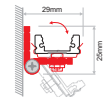

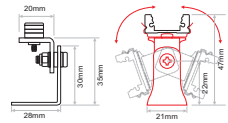

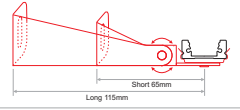


Aluminium Profiles 

- ELECSIA aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Available also in black, white or different RAL colours upon request.



Aluminium Profiles 

ELECSIA Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.118	ELECSIA alum.prof. / Anodized	2m	
	COV.004 COV.005 COV.006	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.121 CAP.122	FRONT CAP (aluminium) for ELECSIA END CAP (aluminium) for ELECSIA		
	ELA.008 ^{1,4}	STAINLESS STEEL HOLDER		
	ACC.289 ²	HINGE for SURFACE A installation (pair) for ELECSIA (adjustable without tools)		
	ACC.290 ²	HINGE for SURFACE B installation (pair) for ELECSIA (adjustable without tools)		
	ACC.048 ¹	BRACKET for SURFACE C installation		
	ACC.284 ³ ACC.285 ³	WALL BRACKET LONG (pair) for ELECSIA WALL BRACKET SHORT (pair) for ELECSIA		
	ACC.286 ¹ ACC.287 ¹	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm, 3 pcs for lengths up to 170cm, 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm, 1,5 pair for lengths up to 170cm, 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

OMEGA

Aluminium Profile



- OMEGA aluminium profile system ideal for linear LED lighting applications.
- Available in milky, milky satin, ruled or transparent cover.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

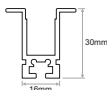


Image	Code	Description	Length	Design-Detail
	PRF.024	OMEGA alum.prof. / Anodized	2m	
	PRF.025	OMEGA alum.prof. / Non-Anodized	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	CAP.049	END CAP		
	ACC.055	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		



LUNGO

Aluminium Profile

- LUNGO aluminium profile system ideal for linear LED lighting applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.

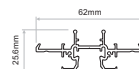
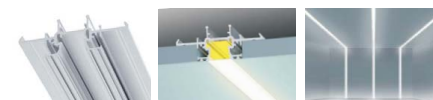


Image	Code	Description	Length	Design-Detail
	PRF.096	LUNGO alum.prof. / Anodized	2m	
	COV.004	PMMA CLEAR COVER	2m	
	COV.005	PMMA FROSTED COVER	2m	
	COV.006	PMMA SATIN COVER	2m	
	CAP.109	FRONT CAP FOR LUNGO		
	CAP.110	END CAP FOR LUNGO		
	ACC.101	EXTENSION LINE FOR LUNGO		
	ACC.102	90° CORNER HORIZONTAL EXTENSION FOR PRF.113		
	ACC.103	90° CORNER VERTICAL EXTENSION FOR PRF.111		
	ACC.104	90° CORNER VERTICAL EXTENSION FOR PRF.112		

PREFABRICATED CORNERS 90° FOR LUNGO



Male Connectors

(with 15cm cables)



CNC.085 Monochrome
CNC.087 Tunable White



CNC.089 RGB set male connectors



CNC.091 RGBW set male connectors



CNC.086 Monochrome
CNC.088 Tunable White



CNC.090 RGB set female connectors



CNC.092 RGBW set female connectors



Mini Junction Boxes
For all available models of mini junction boxes, which can be used with Linat series, please refer to "Cables/ Connectors" section of the catalogue contents.






















MIDI U

Aluminium Profile

Aluminium Profiles 

- MIDI U aluminium profile is a linear profile for surface installation.
- Available also in black, white or different RAL colours upon request.



Image	Code	Description	Length	Design-Detail
	PRF.014	MIDI U alum.prof. / Anodized	2m	
	PRF.015	MIDI U alum.prof. / Non-Anodized	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.061	FRONT CAP for MIDI U with COV.023-024-025-026-038		
	CAP.060	END CAP for MIDI U with COV.023-024-025-026-038		
	CAP.072	FRONT CAP for MIDI U with COV.017-018-007		
	CAP.071	END CAP for MIDI U with COV.017-018-007		
	PRH.001	HOLDER		













Aluminium Profiles 

MIDI U Recessed

Aluminium Profile

- MIDI U Recessed aluminium profile for linear LED lighting.
- Available also in black, white or different RAL colours upon request.



Image	Code	Description	Length	Design-Detail
	PRF.134	MIDI U RECESSED alum.prof. / Anodized	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	CAP.143	END CAP for MIDI U RECESSED with COV.023-024-025-026-038		

MINI U

Aluminium Profile



- MINI U aluminium profile has extra low depth and is suitable for surface installation.
- Available also in black, white or different RAL colours upon request.

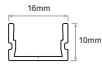


Image	Code	Description	Length	Design-Detail
	PRF.132	MINI U alum.prof. / Anodized	2m	
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	CAP.141	END CAP for MINI U with COV.023-024-025-026-038		
	PRH.001	HOLDER		



MINI U RECESSED

Aluminium Profile

- MINI U RECESSED aluminium profile has extra low depth and is ideal for furniture.
- Available also in black, white or different RAL colours upon request.

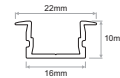


Image	Code	Description	Length	Design-Detail
	PRF.133	MINI U RECESSED alum.prof. / Anodized	2m	
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	CAP.142	END CAP for MINI U RECESSED with COV.023-024-025-026-038		
	PRH.001	HOLDER		

ELITE

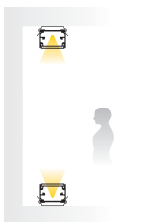
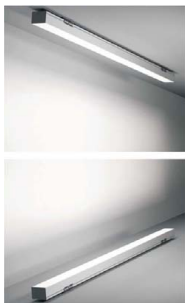
Aluminium Profile

- ELITE aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Suitable for waterproof LED strips up to 15mm width.
- Available also in black, white or different RAL colours upon request.

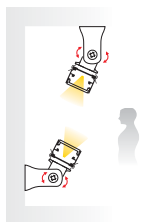
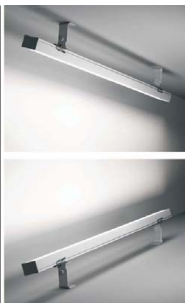


Aluminium Profiles

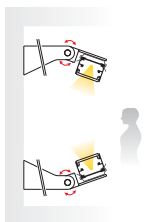
FIXED installation



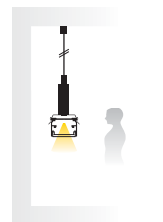
SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation



Aluminium Profiles

ELITE Aluminium Profile

Suitable for waterproof LED strips up to 15mm width.



Image	Code	Description	Length	Design-Detail
	PRF.135	ELITE alum.prof. / Anodized	2m	
	COV.035 COV.036 COV.037	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.144	END CAP		
	ELA.008 ⁽⁴⁾	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048 ⁽¹⁾	BRACKET for SURFACE installation		
	ACC.284 ⁽²⁾ ACC.285 ⁽²⁾	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	ACC.286 ⁽³⁾ ACC.287 ⁽³⁾	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 100cm. 3 pcs for lengths up to 150cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm. 1.5 pair for lengths up to 150cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as anti-lipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.




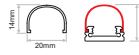









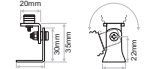
ELECSYS

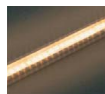
Aluminium Profile

Aluminium Profiles 

- ELECSYS aluminium profile available with different covers: Transparent, Ruled and Milky.



Image	Code	Description	Length	Design-Detail
	ELA.001	ELECSYS alum.prof. / Anodized	2m	
	ELA.002	POLYCARBONATE CLEAR COVER	2m	
	ELA.003	POLYCARBONATE RULED COVER	2m	
	ELA.004	POLYCARBONATE MILKY COVER	2m	
	ELA.006	BIG END CAP for ELECSYS with ELA.002-003-004		
	ELA.007	SMALL END CAP		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.048	BRACKET		



Aluminium Profiles 

SHALLOW

Aluminium Profile

- SHALLOW aluminium profile ideal solution for low depth applications.
- Available with transparent, milky, milky satin or ruled cover.

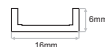










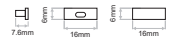






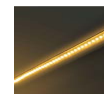


Image	Code	Description	Length	Design-Detail
	PRF.010 PRF.011	SHALLOW alum.prof. / Anodized SHALLOW alum.prof. / Non-Anodized	2m 2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017 COV.007	POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m	
	CAP036	FRONT CAP for SHALLOW with COV.023-024-025-026-038		
	CAP035	END CAP for SHALLOW with COV.023-024-025-026-038		
	CAP068	FRONT CAP for SHALLOW with COV.017-018-007		
	CAP067	END CAP for SHALLOW with COV.017-018-007		
	PRH.001	HOLDER		















BENDABLE

Aluminium Profile

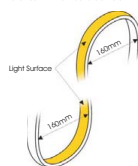
Aluminium Profiles 

- BENDABLE aluminium profile ideal for curved LED lighting applications.
- Special design and construction to meet demanding lighting designs.



Image	Code	Description	Length	Design-Detail
	PRF076	BENDABLE alum.prof. / Anodized	2m	
	COV031	POLYCARBONATE MILKY COVER	2m	
	COV032	POLYCARBONATE CLEAR COVER	2m	
	CAP105	END CAP for BENDABLE		
	CAP106	FRONT CAP for BENDABLE		
	PRH.003	HOLDER clips		

FRAGILE
Only bend vertically
Do not bend smaller than allowed minimum bend diameter.













Aluminium Profiles 

TINY

Aluminium Profile

- TINY aluminium profile is the thinnest available aluminium profile.



Image	Code	Description	Length	Design-Detail
	PRF056	TINY alum.prof. / Anodized	2m	
	COV013	POLYCARBONATE OPAL COVER	2m	
	COV014	POLYCARBONATE CLEAR COVER	2m	
	CAP146	END CAP for TINY	2m	
	ACC.158	3M ADHESIVE TAPE FOR TINY PROFILE	1m	

NEST XL

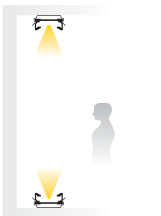
Aluminium Profile

Aluminium Profiles 

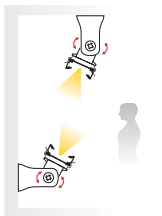
- NEST XL aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Ideal for waterproof LED strips up to 15mm width.



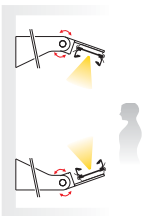
FIXED Installation



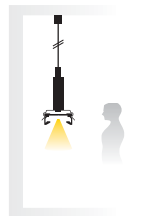
SURFACE Installation



WALL BRACKET (Long-Short) Installation



PENDANT Installation






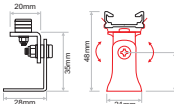

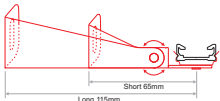




Aluminium Profiles 

NEST XL Aluminium Profile

Ideal for waterproof LED strips up to 15mm width.



Image	Code	Description	Length	Design-Detail
	PRF.136	NEST XL alum.prof. / Anodized	2m	
	ELA.008^{1/4}	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048^{1/1}	BRACKET for SURFACE installation		
	ACC.284^{2/2} ACC.285^{2/2}	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	ACC.286^{3/3} ACC.287^{3/3}	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm. 3 pcs for lengths up to 170cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm. 1.5 pair for lengths up to 170cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as anti-tipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

NEST

Aluminium Profiles
Aluminium Profile

- NEST aluminium profile is the perfect solution for waterproof strips due to its special construction.
- It ensures a safe installation that does not allow the strip to fall over.



Image	Code	Description	Length	Design-Detail
	PRF.043	NEST alum.prof. / Anodized	2m	
	PRH.001	HOLDER		

Aluminium Profiles
Aluminium Profile

CORNISE

- CORNISE aluminium profile ideal for cove & frame lighting.
- Suitable for use on walls or ceilings.
- Special design for homogeneous lighting.
- Available also in RAL colours upon request.

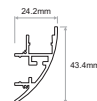


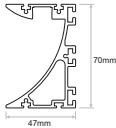
Image	Code	Description	Length	Design-Detail
	PRF.057 PRFW057	CORNISE alum.prof. / Anodized CORNISE alum.prof. / White painted	2m 2m	
	PRF.058	BASE PROFILE	2m	
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP095 CAPW095	END CAP / Anodized END CAP / White painted		

ARC

Aluminium Profile

Aluminium Profiles 

- ARC aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.



Recessed

Trimless



PRF.029

PRFW029

PRF.029




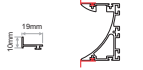











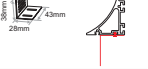









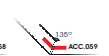
PRFW029

ACC.069

ACC.069

Aluminium Profiles 

ARC Aluminium Profile

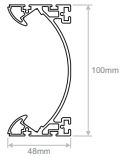
Image	Code	Description	Length	Design-Detail
	PRF.038 PRFW038	ARC alum.prof. / Non-Anodized ARC alum.prof. / White Painted	2m 2m	
	PRF.029 PRFW029	ANGLE alum.prof. / Non-Anodized ANGLE alum.prof. / White Painted	2m 2m	
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.062 CAPW062	END CAP / Non-Anodized END CAP / White Painted		
	CAP.063 CAPW063	RECESSED END CAP / Non-Anodized RECESSED END CAP / White Painted		
	CAP.069	BASE CAP		
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD		
	ACC.071	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

ARC 2

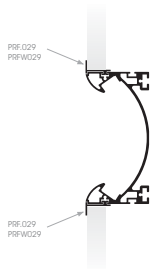
Aluminium Profile

Aluminium Profiles 

- ARC 2 aluminium profile with double strip installation.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.



Recessed



Trimless



ARC 2 Recessed





























ARC 2 Trimless



Aluminium Profiles 

ARC 2 Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.039 PRFW.039	ARC2 alum.prof. / Non-Anodized ARC2 alum.prof. / White Painted	2m 2m	 11.6mm 100mm 48mm
	PRF.029 PRFW.029	ANGLE alum.prof. / Non-Anodized ANGLE alum.prof. / White Painted	2m 2m	 19mm 10mm
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	 48mm 43mm
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	 14.5mm 48mm
	CAP.064 CAPW.064	END CAP / Non-Anodized END CAP / White Painted		 100mm 48mm
	CAP.065 CAPW.065	RECESSED END CAP / Non-Anodized RECESSED END CAP / White Painted		 100mm 48mm 17mm
	CAP.070	BASE CAP		 100mm 48mm
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD		 38mm 28mm 43mm
	ACC.071	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		 90°
	ACC.058	60° CORNER EXTENSION		 120°
	ACC.059	45° CORNER EXTENSION		 135°

ARC 3

Aluminium Profile

Aluminium Profiles 

- ARC3 aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.

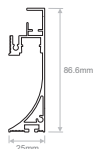

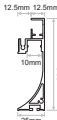











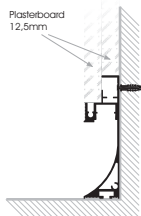


Image	Code	Description	Length	Design-Detail
	PRF051	ARC3 alum.prof. / Non-Anodized	2m	
	PRFW051	ARC3 alum.prof. / White Painted	2m	
	COV023	POLYCARBONATE MILKY COVER	2m	
	COV024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV025	POLYCARBONATE RULED COVER	2m	
	COV026	POLYCARBONATE CLEAR COVER	2m	
	COV038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV018	POLYCARBONATE CLEAR COVER	2m	
	COV017	POLYCARBONATE OPAL COVER	2m	
	COV007	PMMA FROSTED COVER	2m	
	CAP093	END CAP / Non-Anodized		
	CAPW093	END CAP / White Painted		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		



INGRA

Aluminium Profile

Aluminium Profiles 

- INGRA aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.

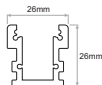



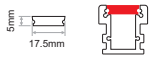


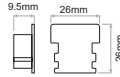




Image	Code	Description	Length	Design-Detail
	PRF.013	INGRA alum.prof. / Non-Anodized	2m	
	COV.021	POLYCARBONATE MILKY COVER	2m	
	COV.029	POLYCARBONATE CLEAR COVER	2m	
	CAP.073	END CAP		
	ELA.008	STAINLESS STEEL HOLDER		













Aluminium Profiles 

INGRA MINI

Aluminium Profile

- INGRA MINI aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.



Image	Code	Description	Length	Design-Detail
	PRF.114	INGRA MINI alum.prof. / Anodized	2m	
	PRF.040	INGRA MINI alum.prof. / Non-Anodized	2m	
	COV.021	POLYCARBONATE MILKY COVER	2m	
	COV.029	POLYCARBONATE CLEAR COVER	2m	
	CAP.066	END CAP		
	ELA.008	STAINLESS STEEL HOLDER		



ARTBAR

Aluminium Profile



- ARTBAR aluminium profile ideal for wall washing / concealed lighting / decorative lighting / lighting behind plexiglass.
- Adjustable brackets.
- Available with 15° or 35° linear lens.



Image	Code	Description	Length	Design-Detail
	ELA.011	ARTBAR alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.015	ALUMINIUM SLIDING BASE	2m	
	CAP.075	END CAP		
	CAP.076	FRONT CAP		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.048	BRACKET		



ARTTUBE

Aluminium Profile

- ARTTUBE aluminium profile ideal for decorative lighting.
- Adjustable brackets.
- Available with 15° or 35° linear lens or covers.
- Accessories for pendant installations.

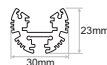


Image	Code	Description	Length	Design-Detail
	ELA.014	ARTTUBE alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.005	ALUMINIUM SLIDING BASE	1m	
	COV.027	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.028	POLYCARBONATE CLEAR COVER	2m	
	CAP.047	END CAP		
	ACC.049	ARTTUBE BRACKET		
	ACC.063	CEILING SUSPENSION INSTALLATION 150cm		
	ACC.065	CEILING SUSPENSION INSTALLATION 300cm		



CORNER II

Aluminium Profile

Aluminium Profiles 

- CORNER II aluminium profile ideal for installation in corners.
- Available with clear, frosted or milky satin cover.
- Available also in black, white or different RAL colours upon request.

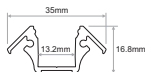

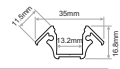

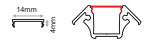



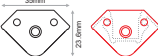




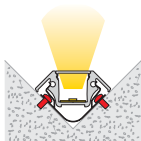


Image	Code	Description	Length	Design-Detail
	PRF.137	CORNER II alum.prof. / Anodized	2m	
	COV.004	PMMA CLEAR COVER	2m	
	COV.005	PMMA FROSTED COVER	2m	
	COV.006	PMMA MILKY SATIN COVER	2m	
	CAP.147	FRONT CAP		
	CAP.148	END CAP		
	PRH.005	STAINLESS STEEL HOLDER		

Note: Use 2pcs up to 103cm, 3pcs up to 153cm & 4pcs up to 203cm



CORNER 45

Aluminium Profile

Aluminium Profiles 

- CORNER 45 aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in black, white or different RAL colours upon request.

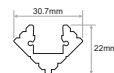













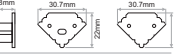

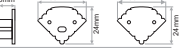




Image	Code	Description	Length	Design-Detail
	PRF.034 PRF.035	CORNER 45 alum.prof. / Anodized CORNER 45 alum.prof. / Non-Anodized	2m 2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.087 CAP.086	FRONT CAP for CORNER 45 with COV.023-024-025-026-038 END CAP for CORNER 45 with COV.023-024-025-026-038		
	CAP.089 CAP.088	FRONT CAP for CORNER 45 with COV.017-018-007 END CAP for CORNER 45 with COV.017-018-007		
	ELA.008	STAINLESS STEEL HOLDER		



V TYPE

Aluminium Profile

Aluminium Profiles 

- V TYPE aluminium profile ideal for surface or recessed applications.
- Available with transparent, milky, milky satin or ruled cover.
- 45 degrees installation.
- Available also in black, white or different RAL colours upon request.

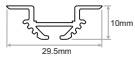







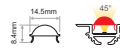

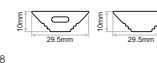




Image	Code	Description	Length	Design-Details
	PRF.020 PRF.021	V TYPE alum.prof. / Anodized V TYPE alum.prof. / Non-Anodized	2m 2m	
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	COV.033	PMMA LENS COVER 45° Note: Ideal for monochromatic & RGBW LED strip	2m	
	CAP.090 CAP.091	END CAP for V TYPE with COV.023-024-025-026-038 FRONT CAP for V TYPE with COV.023-024-025-026-038		
	CAP.043 CAP.044	END CAP for V TYPE with COV.017-018-007 FRONT CAP for V TYPE with COV.017-018-007		



Aluminium Profiles
Aluminium Profile

CORNER ECO

- CORNER ECO aluminium profile suitable for low cost installation in corners.
- Available with milky cover.

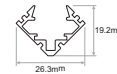










Image	Code	Description	Length	Design-Details
	PRF.160	CORNER ECO alum.prof. / Anodized	2m	
	COV.051	MILKY COVER for CORNER ECO	2m	
	CAP.150	CAP for CORNER ECO		
	ACC.370	STAINLESS STEEL HOLDER		



STAIR DUE

Aluminium Profile

Aluminium Profiles 

- STAIR DUE aluminium profiles with double light emittance for illuminating stairs.
- The special position of the LEDs in the upper part guarantees a glare free illumination without having the LEDs visible even with transparent cover.

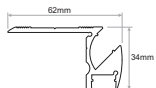

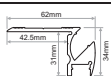



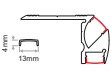








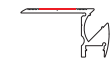
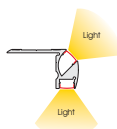
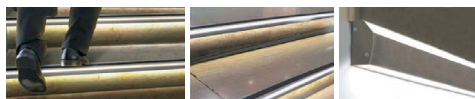


Image	Code	Description	Length	Design-Detail
	PRF.031	STAIR DUE SILVER alum.prof. / Anodized	2m	
	PRF.032	STAIR DUE BLACK alum.prof. / Anodized	2m	
	PRF.033	STAIR DUE alum.prof. / Non-Anodized	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	CAP.053	END CAP SILVER for PRF.031/033 / Anodized		
	CAP.055	END CAP BLACK for PRF.032 / Anodized		
	ACC.066	3M SAFETY WALK BLACK available per reel of 18meters or per meter for PRF.031/032/033		



Aluminium Profiles 

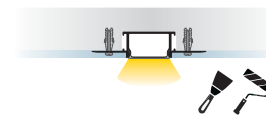
TRIMLESS ECO

Aluminium Profile

- TRIMLESS ECO aluminium profile suitable for low cost installations.
- Available with milky cover.



Image	Code	Description	Length	Design-Detail
	PRF.161	TRIMLESS ECO alum.prof. / Anodized	2m	
	COV.052	MILKY COVER for TRIMLESS ECO	2m	
	CAP.151	CAP for TRIMLESS ECO		



MANDI

Aluminium Profile

- MANDI aluminium profile system
- Corner and line extensions available.

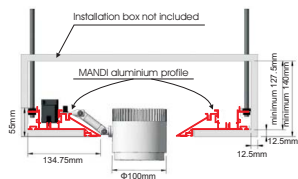
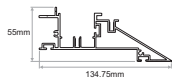
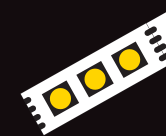
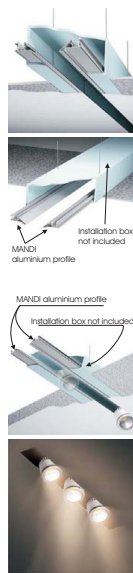


Image	Code	Description	Length	Design-Detail
	PRF.055	MANDI alum.prof. / Anodized	2m	
	PRF.044	MANDI alum.prof. / Anodized Black	2m	
	PRF.059	MANDI alum.prof. / Non-Anodized	2m	
	PRF.066 PRF.067	MANDI CORNER INTERNAL SET 90° BLACK MANDI CORNER EXTERNAL SET 90° BLACK		
	PRF.068	MANDI CORNER U TYPE SET BLACK		
	CAP.100	END CAP		
	ACC.100	BASE FOR LED DRIVER		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.084	90° CORNER SIDE EXTENSION		



FLEXIRIF LEDS



PRIME SERIES HE 84LED/m 21W/m CRI80+



Prime series high efficacy is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series has an excellent lumen efficacy that reaches up to 160lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

- L90/B10 50000h
- 3 Step MacAdam
- 80+ CRI
- up to 160 lm/W
- 24VDC
- 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*[mm]	IP Rate**
IP20									
TVH329	84	21W	5	2000K / 80+	2795	24VDC	120°	83.33	IP20
TVH330	84	21W	5	2500K / 80+	2795	24VDC	120°	83.33	IP20
TVH339	84	21W	5	2700K / 80+	3065	24VDC	120°	83.33	IP20
TVH343	84	21W	5	3000K / 80+	3160	24VDC	120°	83.33	IP20
TVH347	84	21W	5	4000K / 80+	3250	24VDC	120°	83.33	IP20
TVH351	84	21W	5	5700K / 80+	3345	24VDC	120°	83.33	IP20
IP65									
TVH331	84	21W	5	2000K / 80+	2740	24VDC	120°	83.33	IP65
TVH332	84	21W	5	2500K / 80+	2740	24VDC	120°	83.33	IP65
TVH340	84	21W	5	2700K / 80+	3005	24VDC	120°	83.33	IP65
TVH344	84	21W	5	3000K / 80+	3095	24VDC	120°	83.33	IP65
TVH348	84	21W	5	4000K / 80+	3185	24VDC	120°	83.33	IP65
TVH352	84	21W	5	5700K / 80+	3280	24VDC	120°	83.33	IP65

*Please confirm the connection points on the modules.
**Available in IP65 upon request.



PRIME SERIES 84LED/m 21W/m CRI80+

Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs: 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

- L90/B10 50000h
- 3 Step MacAdam
- 80+ CRI
- up to 138 lm/W
- 24VDC
- 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*[mm]	IP Rate**
IP20									
TV329	84	21W	5	2000K / 80+	1912	24VDC	120°	83.33	IP20
TV330	84	21W	5	2500K / 80+	2039	24VDC	120°	83.33	IP20
TV339	84	21W	5	2700K / 80+	2467	24VDC	120°	83.33	IP20
TV343	84	21W	5	3000K / 80+	2550	24VDC	120°	83.33	IP20
TV347	84	21W	5	4000K / 80+	2829	24VDC	120°	83.33	IP20
TV351	84	21W	5	5700K / 80+	2907	24VDC	120°	83.33	IP20
IP65									
TV331	84	21W	5	2000K / 80+	1897	24VDC	120°	83.33	IP65
TV332	84	21W	5	2500K / 80+	2003	24VDC	120°	83.33	IP65
TV340	84	21W	5	2700K / 80+	2420	24VDC	120°	83.33	IP65
TV344	84	21W	5	3000K / 80+	2520	24VDC	120°	83.33	IP65
TV348	84	21W	5	4000K / 80+	2805	24VDC	120°	83.33	IP65
TV352	84	21W	5	5700K / 80+	2880	24VDC	120°	83.33	IP65

*Please confirm the connection points on the modules.
**Available in IP65 upon request.



PRIME SERIES 48LED/m 10.5W/m CRI80+

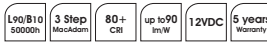


Prime Series is the finest series in the LED strips range produced with Nichia LEDs. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI(0...10V)1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate
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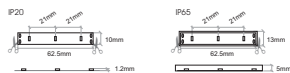
IP20

TV.308	48	10.5W	5	2700K / 80+	775	12VDC	120°	62.5	IP20
TV.311	48	10.5W	5	5600K / 80+	950	12VDC	120°	62.5	IP20

IP65

TV.314	48	10.5W	5	4000K / 80+	875	12VDC	120°	62.5	IP65
TV.315	48	10.5W	5	5600K / 80+	950	12VDC	120°	62.5	IP65

*Please confirm the connection points on the modules.



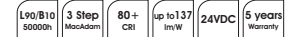
PRIME SERIES 42LED/m 10W/m CRI80+

Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs; 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 137lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI(0...10V)1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate**
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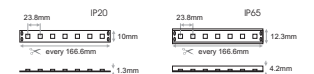
IP20

TV.333	42	10.5W	5	2000K / 80+	968	24VDC	120°	166.6	IP20
TV.334	42	10.5W	5	2500K / 80+	1049	24VDC	120°	166.6	IP20
TV.341	42	10.5W	5	2700K / 80+	1244	24VDC	120°	166.6	IP20
TV.345	42	10.5W	5	3000K / 80+	1260	24VDC	120°	166.6	IP20
TV.349	42	10.5W	5	4000K / 80+	1395	24VDC	120°	166.6	IP20
TV.353	42	10.5W	5	5700K / 80+	1440	24VDC	120°	166.6	IP20

IP65

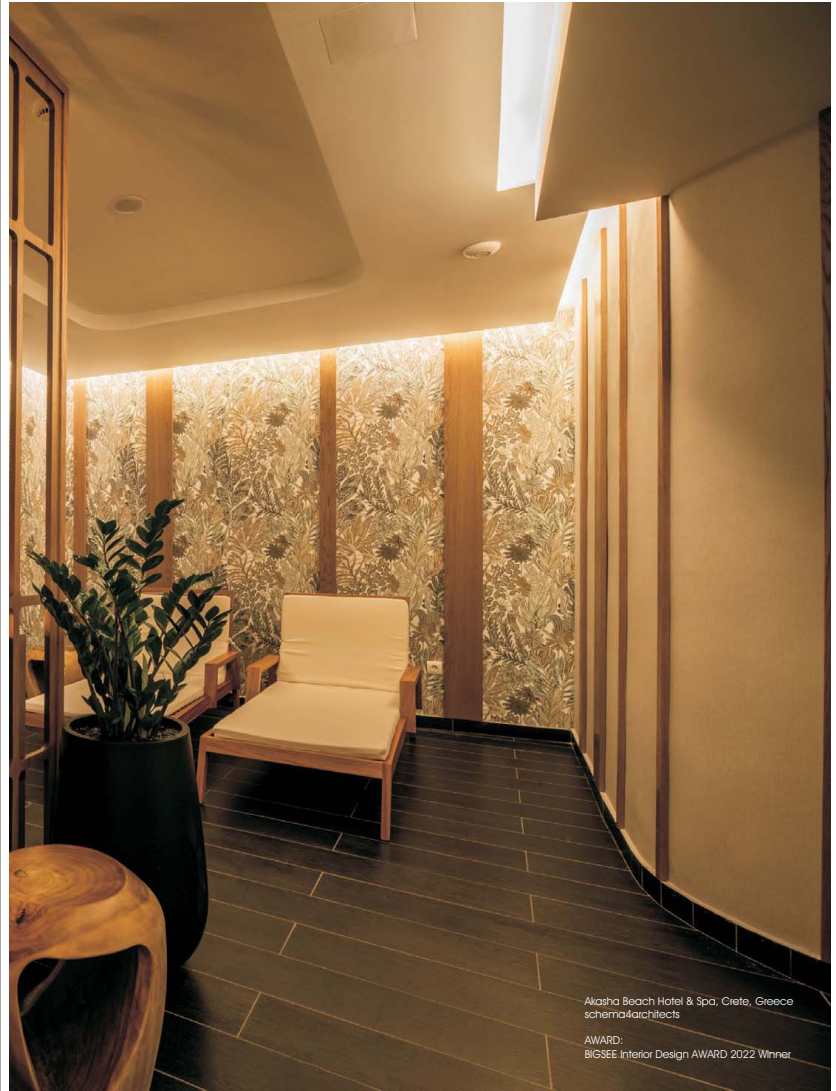
TV.335	42	10.5W	5	2000K / 80+	955	24VDC	120°	166.6	IP65
TV.336	42	10.5W	5	2500K / 80+	1021	24VDC	120°	166.6	IP65
TV.342	42	10.5W	5	2700K / 80+	1230	24VDC	120°	166.6	IP65
TV.346	42	10.5W	5	3000K / 80+	1245	24VDC	120°	166.6	IP65
TV.350	42	10.5W	5	4000K / 80+	1380	24VDC	120°	166.6	IP65
TV.354	42	10.5W	5	5700K / 80+	1420	24VDC	120°	166.6	IP65

*Please confirm the connection points on the modules.
** Available in IP65 upon request.





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



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SUPREME SERIES 168LED/m 20W CRI80+

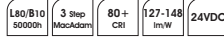


Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 148lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
IP20									
TIV.418	168	20W	5	2700K / 80+	2665	24VDC	120°	41.67	IP20
TIV.419	168	20W	5	3000K / 80+	2715	24VDC	120°	41.67	IP20
TIV.420	168	20W	5	4000K / 80+	2880	24VDC	120°	41.67	IP20
TIV.421	168	20W	5	5700K / 80+	2950	24VDC	120°	41.67	IP20
IP65									
TIV.426	168	20W	5	2700K / 80+	2530	24VDC	120°	41.67	IP65
TIV.427	168	20W	5	3000K / 80+	2575	24VDC	120°	41.67	IP65
TIV.428	168	20W	5	4000K / 80+	2730	24VDC	120°	41.67	IP65
TIV.429	168	20W	5	5700K / 80+	2800	24VDC	120°	41.67	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



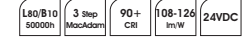
SUPREME SERIES 168LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 126lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth

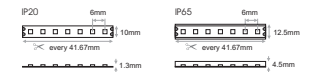


L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
IP20									
TIV.422	168	20W	5	2700K / 90+	2260	24VDC	120°	41.67	IP20
TIV.423	168	20W	5	3000K / 90+	2328	24VDC	120°	41.67	IP20
TIV.424	168	20W	5	4000K / 90+	2445	24VDC	120°	41.67	IP20
TIV.425	168	20W	5	5700K / 90+	2504	24VDC	120°	41.67	IP20
IP65									
TIV.430	168	20W	5	2700K / 90+	2145	24VDC	120°	41.67	IP65
TIV.431	168	20W	5	3000K / 90+	2210	24VDC	120°	41.67	IP65
TIV.432	168	20W	5	4000K / 90+	2320	24VDC	120°	41.67	IP65
TIV.433	168	20W	5	5700K / 90+	2376	24VDC	120°	41.67	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

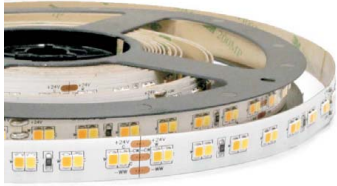


TUNABLE WHITE 168LED/m 20W CRI80

Flexible LEDs 

Tunable White strip is produced with Samsung LEDs. It is offered with 2700K & 5700K LEDs to create a unique CCT in a space. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



TUNABLE WHITE
2700K—5700K

LIGHTSOURCE BY


TUNABLE WHITE CRI80 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT - Lumen/m	CRI	Voltage	Beam Angle	Beam (1mm)	IP Rate**
TIV.442 /CA	168	20W	5	Adjustable	CRI80	24VDC	120°	83.3	IP20
				WW (2700K) 1245lm/m					

* Please confirm the connection points on the modules.



TUNABLE WHITE 168LED/m 20W CRI90

Flexible LEDs 

Tunable White strip is produced with Samsung LEDs. It is offered with 2700K & 5700K LEDs to create a unique CCT in a space. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



TUNABLE WHITE
2700K—5700K

LIGHTSOURCE BY


TUNABLE WHITE CRI90 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT - Lumen/m	CRI	Voltage	Beam Angle	Beam (1mm)	IP Rate*
TIV.443 /CA	168	20W	5	Adjustable	CRI90	24VDC	120°	83.3	IP20
				WW (2700K) 1078lm/m					

* Please confirm the connection points on the modules.



SUPREME SERIES 140LED/m 15W/m CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 136lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMXS1/2/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TV.403	140	15W	5	2700K / 80+	1840	24VDC	120°	IP20
TV.404	140	15W	5	3000K / 80+	1880	24VDC	120°	IP20
TV.405	140	15W	5	4000K / 80+	2000	24VDC	120°	IP20
TV.406	140	15W	5	5700K / 80+	2045	24VDC	120°	IP20
IP65								
TV.407	140	15W	5	2700K / 80+	1750	24VDC	120°	IP65
TV.408	140	15W	5	3000K / 80+	1785	24VDC	120°	IP65
TV.409	140	15W	5	4000K / 80+	1895	24VDC	120°	IP65
TV.410	140	15W	5	5700K / 80+	1940	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



SUPREME SERIES 140LED/m 15W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 114lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMXS1/2/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

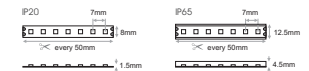


L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TV.411	140	15W	5	2700K / 90+	1545	24VDC	120°	IP20
TV.412	140	15W	5	3000K / 90+	1590	24VDC	120°	IP20
TV.413	140	15W	5	4000K / 90+	1670	24VDC	120°	IP20
TV.440	140	15W	5	5700K / 90+	1710	24VDC	120°	IP20
IP65								
TV.414	140	15W	5	2700K / 90+	1470	24VDC	120°	IP65
TV.415	140	15W	5	3000K / 90+	1505	24VDC	120°	IP65
TV.416	140	15W	5	4000K / 90+	1580	24VDC	120°	IP65
TV.441	140	15W	5	5700K / 90+	1617	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



SUPREME SERIES 140LED/m 10W/m CRI80+

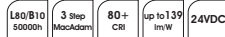


Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminum profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



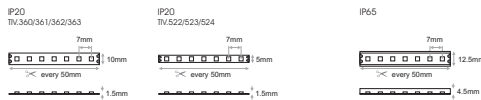
L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate**
IP20									
TV.360	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TV.361	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TV.362	140	10W	5	4000K / 80+	1360	24VDC	120°	50	IP20
TV.363	140	10W	5	5700K / 80+	1390	24VDC	120°	50	IP20
TV.522	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TV.523	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TV.524	140	10W	5	4000K / 80+	1360	24VDC	120°	50	IP20

IP65									
TV.364	140	10W	5	2700K / 80+	1190	24VDC	120°	50	IP65
TV.365	140	10W	5	3000K / 80+	1215	24VDC	120°	50	IP65
TV.366	140	10W	5	4000K / 80+	1290	24VDC	120°	50	IP65
TV.367	140	10W	5	5700K / 80+	1320	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



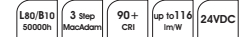
SUPREME SERIES 140LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116lm/W. It can ideally be used with the appropriate aluminum profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate**
IP20									
TV.376	140	10W	5	2700K / 90+	1050	24VDC	120°	50	IP20
TV.377	140	10W	5	3000K / 90+	1080	24VDC	120°	50	IP20
TV.378	140	10W	5	4000K / 90+	1135	24VDC	120°	50	IP20
TV.438	140	10W	5	5700K / 90+	1162	24VDC	120°	50	IP20
IP65									
TV.379	140	10W	5	2700K / 90+	1000	24VDC	120°	50	IP65
TV.380	140	10W	5	3000K / 90+	1025	24VDC	120°	50	IP65
TV.381	140	10W	5	4000K / 90+	1105	24VDC	120°	50	IP65
TV.439	140	10W	5	5700K / 90+	1070	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



SUPREME SERIES 140LED/m 5W/m CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
IP20									
TIV.490	140	5W	5	2700K / 80+	620	24VDC	120°	50	IP20
TIV.491	140	5W	5	3000K / 80+	635	24VDC	120°	50	IP20
TIV.492	140	5W	5	4000K / 80+	675	24VDC	120°	50	IP20
TIV.493	140	5W	5	5700K / 80+	690	24VDC	120°	50	IP20
IP65									
TIV.494	140	5W	5	2700K / 80+	590	24VDC	120°	50	IP65
TIV.495	140	5W	5	3000K / 80+	605	24VDC	120°	50	IP65
TIV.496	140	5W	5	4000K / 80+	640	24VDC	120°	50	IP65
TIV.497	140	5W	5	5700K / 80+	655	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



SUPREME SERIES 140LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth

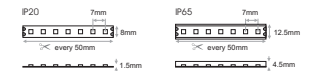


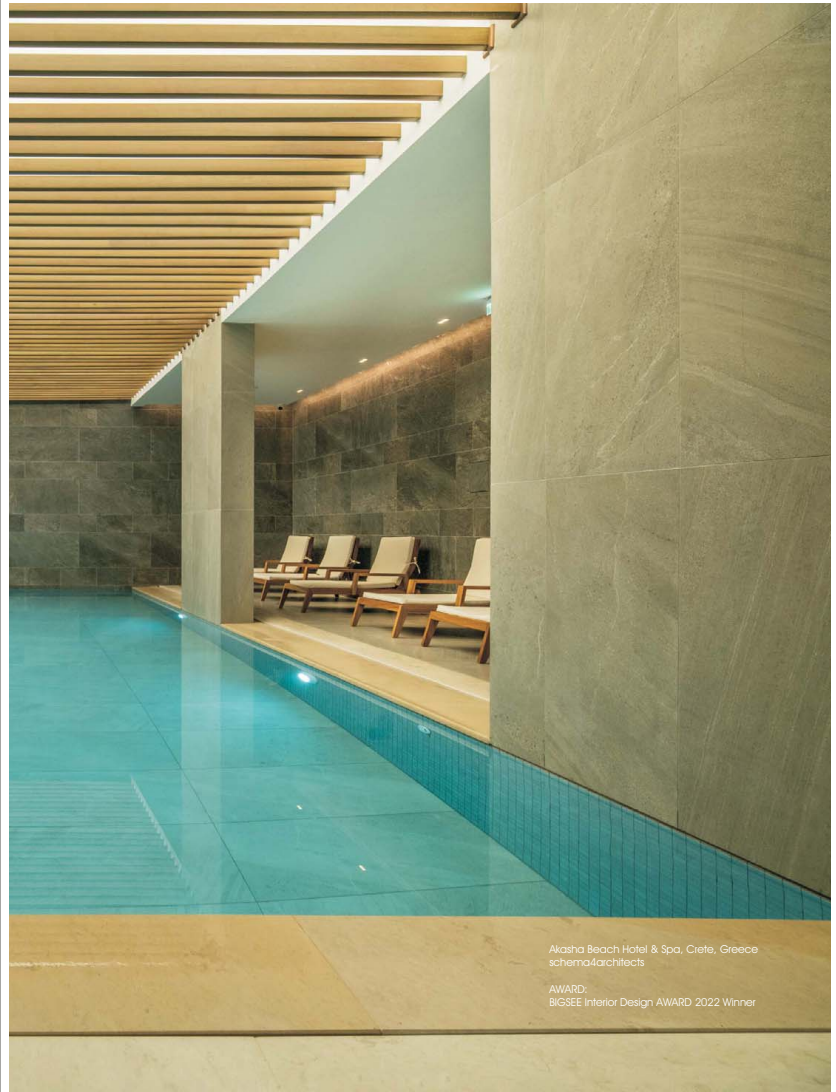
L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
IP20									
TIV.498	140	5W	5	2700K / 90+	520	24VDC	120°	50	IP20
TIV.499	140	5W	5	3000K / 90+	535	24VDC	120°	50	IP20
TIV.500	140	5W	5	4000K / 90+	560	24VDC	120°	50	IP20
TIV.501	140	5W	5	5700K / 90+	573	24VDC	120°	50	IP20
IP65									
TIV.502	140	5W	5	2700K / 90+	495	24VDC	120°	50	IP65
TIV.503	140	5W	5	3000K / 90+	510	24VDC	120°	50	IP65
TIV.504	140	5W	5	4000K / 90+	535	24VDC	120°	50	IP65
TIV.505	140	5W	5	5700K / 90+	548	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.





SUPREME SERIES 70LED/m 10W/m CRI80+

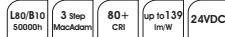


Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TV506	70	10W	5	2700K / 80+	1250	24VDC	120°	IP20
TV507	70	10W	5	3000K / 80+	1280	24VDC	120°	IP20
TV508	70	10W	5	4000K / 80+	1360	24VDC	120°	IP20
TV509	70	10W	5	5700K / 80+	1390	24VDC	120°	IP20
IP65								
TV510	70	10W	5	2700K / 80+	1190	24VDC	120°	IP65
TV511	70	10W	5	3000K / 80+	1215	24VDC	120°	IP65
TV512	70	10W	5	4000K / 80+	1290	24VDC	120°	IP65
TV513	70	10W	5	5700K / 80+	1320	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



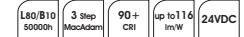
SUPREME SERIES 70LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

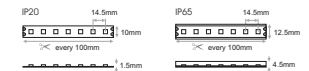


L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TV514	70	10W	5	2700K / 90+	1050	24VDC	120°	IP20
TV515	70	10W	5	3000K / 90+	1080	24VDC	120°	IP20
TV516	70	10W	5	4000K / 90+	1135	24VDC	120°	IP20
TV517	70	10W	5	5700K / 90+	1162	24VDC	120°	IP20
IP65								
TV518	70	10W	5	2700K / 90+	1000	24VDC	120°	IP65
TV519	70	10W	5	3000K / 90+	1025	24VDC	120°	IP65
TV520	70	10W	5	4000K / 90+	1075	24VDC	120°	IP65
TV521	70	10W	5	5700K / 90+	1100	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



SUPREME SERIES 70LED/m 5W/m CRI80+

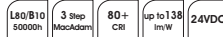


Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth

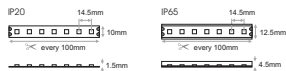


L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TIV.368	70	5W	5	2700K / 80+	620	24VDC	120°	IP20
TIV.369	70	5W	5	3000K / 80+	635	24VDC	120°	IP20
TIV.370	70	5W	5	4000K / 80+	675	24VDC	120°	IP20
TIV.371	70	5W	5	5700K / 80+	690	24VDC	120°	IP20
IP65								
TIV.372	70	5W	5	2700K / 80+	590	24VDC	120°	IP65
TIV.373	70	5W	5	3000K / 80+	605	24VDC	120°	IP65
TIV.374	70	5W	5	4000K / 80+	640	24VDC	120°	IP65
TIV.375	70	5W	5	5700K / 80+	655	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



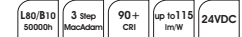
SUPREME SERIES 70LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TIV.382	70	5W	5	2700K / 90+	520	24VDC	120°	IP20
TIV.383	70	5W	5	3000K / 90+	535	24VDC	120°	IP20
TIV.384	70	5W	5	4000K / 90+	560	24VDC	120°	IP20
TIV.436	70	5W	5	5700K / 90+	573	24VDC	120°	IP20
IP65								
TIV.385	70	5W	5	2700K / 90+	495	24VDC	120°	IP65
TIV.386	70	5W	5	3000K / 90+	510	24VDC	120°	IP65
TIV.387	70	5W	5	4000K / 90+	535	24VDC	120°	IP65
TIV.437	70	5W	5	5700K / 90+	548	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.



SUPREME SERIES 70LED/m 3W/m CRI80+

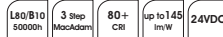


Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 145lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TIV.389	70	3W	5	2700K / 80+	390	24VDC	120°	IP20
TIV.390	70	3W	5	3000K / 80+	400	24VDC	120°	IP20
TIV.391	70	3W	5	4000K / 80+	425	24VDC	120°	IP20
TIV.392	70	3W	5	5700K / 80+	435	24VDC	120°	IP20
IP65								
TIV.393	70	3W	5	2700K / 80+	370	24VDC	120°	IP65
TIV.394	70	3W	5	3000K / 80+	380	24VDC	120°	IP65
TIV.395	70	3W	5	4000K / 80+	405	24VDC	120°	IP65
TIV.396	70	3W	5	5700K / 80+	415	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP65 upon request.



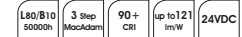
SUPREME SERIES 70LED/m 3W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 121lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



L80/B10 50.000h
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
IP20								
TIV.397	70	3W	5	2700K / 90+	330	24VDC	120°	IP20
TIV.398	70	3W	5	3000K / 90+	335	24VDC	120°	IP20
TIV.399	70	3W	5	4000K / 90+	355	24VDC	120°	IP20
TIV.434	70	3W	5	5700K / 90+	363	24VDC	120°	IP20
IP65								
TIV.400	70	3W	5	2700K / 90+	310	24VDC	120°	IP65
TIV.401	70	3W	5	3000K / 90+	320	24VDC	120°	IP65
TIV.402	70	3W	5	4000K / 90+	335	24VDC	120°	IP65
TIV.435	70	3W	5	5700K / 90+	343	24VDC	120°	IP65

* Please confirm the connection points on the modules.
** Available in IP65 upon request.



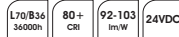
SUPREME SERIES 60LED/m 20W CRI80+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 103lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth

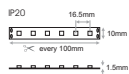


L70/B36 36.000h



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*IP Rate
TV.317	60	20W	5	2700K / 80+	1850	24VDC	120°	100 IP20
TV.355	60	20W	5	3000K / 80+	1950	24VDC	120°	100 IP20
TV.316	60	20W	5	4000K / 80+	2050	24VDC	120°	100 IP20

*Please confirm the connection points on the modules.



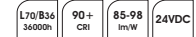
SUPREME SERIES 60LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 98lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth

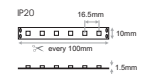


L70/B36 36.000h



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*IP Rate**
TV.358	60	20W	5	2700K / 90+	1700	24VDC	120°	100 IP20
TV.324	60	20W	5	3000K / 90+	1750	24VDC	120°	100 IP20
TV.326	60	20W	5	4000K / 90+	1950	24VDC	120°	100 IP20

*Please confirm the connection points on the modules.



SUPREME SERIES 30LED/m 10W CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 105lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512)/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



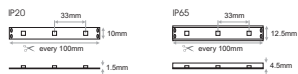
L70/B36 36.000h



L70/B36 36000h	80+ CRI	90-105 lm/W	12VDC
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Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate
IP20								
TIV.356	30	10W	5	2700K / 80+	950	12VDC	120°	IP20
TIV.319	30	10W	5	3000K / 80+	1000	12VDC	120°	IP20
TIV.318	30	10W	5	4000K / 80+	1050	12VDC	120°	IP20
IP65								
TIV.357	30	10W	5	2700K / 80+	900	12VDC	120°	IP65
TIV.321	30	10W	5	3000K / 80+	950	12VDC	120°	IP65
TIV.320	30	10W	5	4000K / 80+	1000	12VDC	120°	IP65

*Please confirm the connection points on the modules.



SUPREME SERIES 30LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 110lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

Lighting management options:
On-Off/DALI(0...10V/1...10V/DMX512)/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



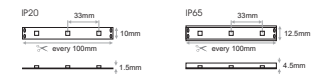
L70/B36 36.000h



L70/B36 36000h	90+ CRI	110 lm/W	12VDC
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Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP Rate
IP20								
TIV.337	30	10W	5	2700K-3000K / 90+	1100	12VDC	120°	IP20
IP65								
TIV.338	30	10W	5	2700K-3000K / 90+	1050	12VDC	120°	IP65

*Please confirm the connection points on the modules.





Allia Resort & Spa, Rhodes, Greece

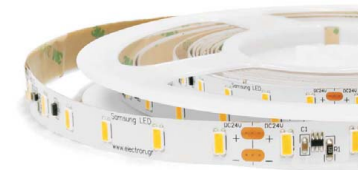


THERMAL MANAGEMENT

SUPREME SERIES 60LED/m Thermal Management

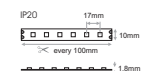
Supreme Series is the finest series of LED strips with Samsung LEDs. It is offered with adhesive tape on the rear side. Different CCTs are available upon request. It offers Thermal Management and it has Constant Current IC.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate
TV.328	60	20W	5	3000K / 80+	2000	24VDC	120°	IP20
TV.327	60	20W	5	4000K / 80+	2150	24VDC	120°	IP20

* Please confirm the connection points on the modules.



WIRELESS CONTROL 32LED/m



The Wireless Control strip has individually controllable pixels one by one through standard programs of CDS.304 controller. The cutting section of 1LED and 1 IC ensures higher flexibility of installation. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB 2x240 pixels / 2x7.5m can be controlled with CDS.304 in parallel signal connection. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).



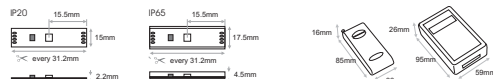
One by one individually controllable LEDs through standard programs of CDS.304 wireless controller. 94 modes with adjustable speed. 2x240 pixels / 2x7.5m in parallel signal connection

Wireless Control 5VDC

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
<i>IP20</i>								
TIV.304	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
<i>IP65</i>								
TIV.305	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

*Please confirm the connection points on the modules.

Code	Supply Voltage	Nr. of modes/ programmes	Control
CDS.304	12VDC PSU is included	94	Stand alone or wireless RF remote control



DMX512 DIRECT CONTROL 32LED/m

The DMX512 Direct Control strip has individually controllable pixels one by one through standard DMX12 protocol. The cutting section of 1LED and 1 IC ensures higher flexibility of installation. It is ideal for creating LED matrix effects. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

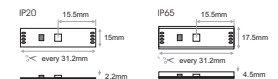


One by one individually controllable LEDs through standard DMX-512 control protocol.

DMX-512 Direct Control 5VDC

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
<i>IP20</i>								
TIV.306	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
<i>IP65</i>								
TIV.307	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

*Please confirm the connection points on the modules.



STANDARD SERIES 192 & 144 LED/m R+G+B+W(4000K) one by one chip



R+G+B+W one by one chip LED strips are offered for creating unique colour effects and for static scenes. The intensity varies 15W/m & 27W/m depending on the desired lighting outcome. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

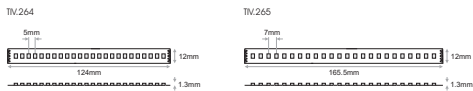
Lighting management options:
DMX, DALI, Wireless IR or RF controllers



R+G+B+W
one by one chip 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Voltage	Beam Angle	***(mm)	IP Rate
TIV.264 /CA	192	27W	5	R+G+B+W (4000K)	24VDC	120°	124	IP20
TIV.265 /CA	144	15W	5	R+G+B+W (4000K)	24VDC	120°	165.5	IP20

* Adjustable colour temperature by adding blue or red.
** Please confirm the connection points on the modules.
*** Common Anode connection



STANDARD SERIES 84, 60, 48 LED/m RGBWW-RGBCW 4in1 chip



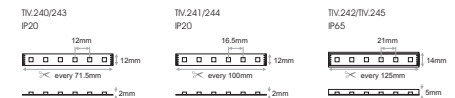
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



Adjustable CCT
RGBWW, RGBCW 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	***(mm)	IP Rate
<i>IP20</i>								
TIV.240 /CA	84	27W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	71.5	IP20
TIV.241 /CA	60	19.5W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	100	IP20
TIV.243 /CA	84	27W	5	RGBCW 4in1 (6000K) Adjustable	24VDC	120°	71.5	IP20
TIV.244 /CA	60	19.5W	5	RGBCW 4in1 (6000K) Adjustable	24VDC	120°	100	IP20
<i>IP65</i>								
TIV.242 /CA	48	15.4W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	125	IP65
TIV.245 /CA	48	15.4W	5	RGBCW 4in1 (6000K) Adjustable	24VDC	120°	125	IP65

* Please confirm the connection points on the modules.



STANDARD SERIES 96 & 60 LED/m RGB+WW 3CHIP



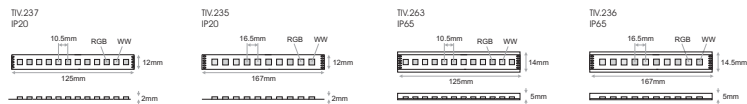
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



Adjustable CCT
RGB+WW 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Beam Angle	Voltage	Beam Angle (°)	IP Rate
<i>IP20</i>								
TIV.237 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125 IP20
TIV.235 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167 IP20
<i>IP65</i>								
TIV.263 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125 IP65
TIV.236 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167 IP65

* Please confirm the connection points on the modules.



STANDARD SERIES 96LED/m RGBin1 3CHIP

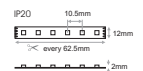
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



RGB 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	IP Rate
TIV.229 /CA	96	23W	5	RGB	24VDC	120°	62.5 IP20

* Please confirm the connection points on the modules.



STANDARD SERIES 60LED/m RGBin1 3CHIP

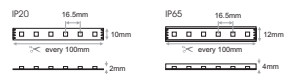
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



RGB 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Wavelength	Voltage	Beam Angle	Beam Angle *(mm)	IP Rate
<i>IP20</i>										
TV.121 /CC	60	14.5W	5	RGB	R: 88 lm/m G:266 lm/m B: 58 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP20
TV.199 /CA	60	14.5W	5	RGB	R: 88 lm/m G:266 lm/m B: 58 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP20
<i>IP65</i>										
TV.169 /CC	60	14.5W	5	RGB	R: 84 lm/m G:254 lm/m B: 55 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP65
TV.138 /CA	60	14.5W	5	RGB	R: 84 lm/m G:254 lm/m B: 55 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.



STANDARD SERIES 30LED/m RGBin1 3CHIP

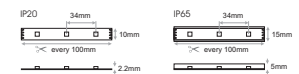
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



RGB 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Wavelength	Voltage	Beam Angle	Beam Angle *(mm)	IP Rate
<i>IP20</i>										
TV.120 /CA	30	7.2W	5	RGB	R: 32 lm/m G:130 lm/m B: 26 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP20
TV.157 /CC	30	7.2W	5	RGB	R: 32 lm/m G:130 lm/m B: 26 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP20
<i>IP65</i>										
TV.203 /CA	30	7.2W	5	RGB	R: 30 lm/m G:124 lm/m B: 25 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP65
TV.160 /CC	30	7.2W	5	RGB	R: 30 lm/m G:124 lm/m B: 25 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP65

* Please confirm the connection points on the modules.



STANDARD SERIES 60LED/m Monochromatic 3CHIP



Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 3chip 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
IP20									
TV.222	60	14.4W	5	2600-2900K	730	24VDC	120°	100	IP20
TV.189	60	14.4W	5	2900-3300K	780	24VDC	120°	100	IP20
TV.217	60	14.4W	5	3900-4300K	840	24VDC	120°	100	IP20
TV.188	60	14.4W	5	5700-6300K	950	24VDC	120°	100	IP20
TV.227	60	14.4W	5	BLUE	-	24VDC	120°	100	IP20
TV.228	60	14.4W	5	RED	-	24VDC	120°	100	IP20
IP65									
TV.223	60	14.4W	5	2600-2900K	700	24VDC	120°	100	IP65
TV.193	60	14.4W	5	2900-3300K	740	24VDC	120°	100	IP65
TV.218	60	14.4W	5	3900-4300K	800	24VDC	120°	100	IP65
TV.192	60	14.4W	5	5700-6300K	900	24VDC	120°	100	IP65

* Available in other colour upon request
** Please confirm the connection points on the modules



STANDARD SERIES 30LED/m Monochromatic 3CHIP

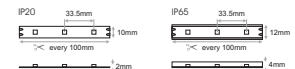
Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 3chip 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
IP20									
TV.224	30	7.2W	5	2600-2900K	330	12VDC	120°	100	IP20
TV.191	30	7.2W	5	2900-3300K	390	12VDC	120°	100	IP20
TV.238	30	7.2W	5	3900-4400K	390	12VDC	120°	100	IP20
TV.190	30	7.2W	5	5700-6300K	470	12VDC	120°	100	IP20
IP65									
TV.225	30	7.2W	5	2600-2900K	310	12VDC	120°	100	IP65
TV.195	30	7.2W	5	2900-3300K	370	12VDC	120°	100	IP65
TV.194	30	7.2W	5	5700-6300K	440	12VDC	120°	100	IP65

* Available in other colour upon request
** Please confirm the connection points on the modules



STANDARD SERIES 120LED/m Monochromatic



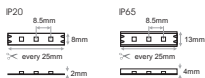
Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate
IP20									
TV.251	120	9.6W	5	2200-2400K	580	12VDC	120°	25	IP20
TV.220	120	9.6W	5	2600-2900K	600	12VDC	120°	25	IP20
TV.175	120	9.6W	5	2900-3300K	640	12VDC	120°	25	IP20
TV.201	120	9.6W	5	3900-4300K	720	12VDC	120°	25	IP20
TV.174	120	9.6W	5	5700-6300K	780	12VDC	120°	25	IP20
TV.173	120	9.6W	5	BLUE	-	12VDC	120°	25	IP20
TV.202	120	9.6W	5	AMBER	-	12VDC	120°	25	IP20
IP65									
TV.252	120	9.6W	5	2200-2400K	560	12VDC	120°	25	IP65
TV.221	120	9.6W	5	2600-2900K	580	12VDC	120°	25	IP65
TV.184	120	9.6W	5	2900-3300K	620	12VDC	120°	25	IP65
TV.216	120	9.6W	5	3900-4300K	705	12VDC	120°	25	IP65
TV.185	120	9.6W	5	5700-6300K	750	12VDC	120°	25	IP65
TV.186	120	9.6W	5	BLUE	-	12VDC	120°	25	IP65
TV.187	120	9.6W	5	RED	-	12VDC	120°	25	IP65
TV.197	120	9.6W	5	GREEN	-	12VDC	120°	25	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



STANDARD SERIES 60LED/m Monochromatic

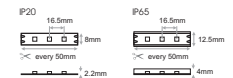
Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
IP20									
TV.249	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP20
TV.206	60	4.8W	5	2600-2900K	260	12VDC	120°	50	IP20
TV.143	60	4.8W	5	2900-3300K	280	12VDC	120°	50	IP20
TV.214	60	4.8W	5	3900-4300K	310	12VDC	120°	50	IP20
TV.142	60	4.8W	5	5700-6300K	350	12VDC	120°	50	IP20
TV.141	60	4.8W	5	RED	-	12VDC	120°	50	IP20
TV.140	60	4.8W	5	GREEN	-	12VDC	120°	50	IP20
TV.139	60	4.8W	5	BLUE	-	12VDC	120°	50	IP20
TV.144	60	4.8W	5	AMBER	-	12VDC	120°	50	IP20
IP65									
TV.250	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP65
TV.219	60	4.8W	5	2600-2900K	240	12VDC	120°	50	IP65
TV.162	60	4.8W	5	2900-3300K	260	12VDC	120°	50	IP65
TV.215	60	4.8W	5	3900-4300K	290	12VDC	120°	50	IP65
TV.161	60	4.8W	5	5700-6300K	225	12VDC	120°	50	IP65
TV.158	60	4.8W	5	RED	-	12VDC	120°	50	IP65
TV.163	60	4.8W	5	BLUE	-	12VDC	120°	50	IP65
TV.198	60	4.8W	5	AMBER	-	12VDC	120°	50	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



STANDARD SERIES 30LED/m Monochromatic



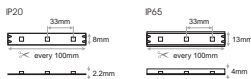
Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Lumina FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate**
<i>IP20</i>									
TIV.172	30	2.5W	5	2900-3300K	120	12VDC	120°	100	IP20
TIV.171	30	2.5W	5	5700-6300K	150	12VDC	120°	100	IP20
TIV.170	30	2W	5	BLUE	-	12VDC	120°	100	IP20
<i>IP65</i>									
TIV.182	30	2.5W	5	2900-3300K	110	12VDC	120°	100	IP65
TIV.183	30	2.5W	5	5700-6300K	140	12VDC	120°	100	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



5mm WIDTH 96LED/m

A LED strip of 5mm width, ideal for applications with special requirements in terms of width.

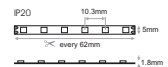
Lighting management options:
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



5mm Width 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Lumina FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate**
TIV.254	96	7.6W	5	4000K / 80+	800	24VDC	120°	62	IP20

* Please confirm the connection points on the modules.



WW BENDABLE 60LED/m



Bendable LED Strip ideal for special application requirements.

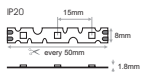
Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



WW
Bendable 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
TIV.255	60	4.8W	5	2900-3100K / 80+	430	12VDC	120°	50 IP20
TIV.256	60	4.8W	5	4000-4300K / 80+	570	12VDC	120°	50 IP20

* Please confirm the connection points on the modules.



VARIABLE ANGLE 60, 70 LED/m

Strip with variable angle of LEDs for special application requirements.

Lighting management options:
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



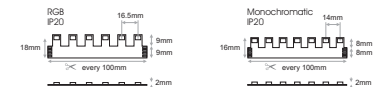
Variable Angle 24VDC

Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	IP Rate
TIV.259 /CA	60	14.4W	5	RGB	24VDC	120°	100 IP20

*CA= Common Anode
** Please confirm the connection points on the modules.

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate
TIV.257	70	4.8W	5	2900-3100K / 80+	430	24VDC	120°	100 IP20
TIV.258	70	4.8W	5	4000-4300K / 80+	570	24VDC	120°	100 IP20

* Please confirm the connection points on the modules.



SIDE EMITTING 60LED/m RGBin1

Lighting management options:
DALI/DMX512/PHASE CUT/R/RFF/Bluetooth

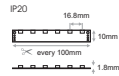


Side
Emitting 24VDC

Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	** (mm)	IP Rate
TV.181 /CA	60	14.4W	5	RGB	24VDC	120°	100	IP20

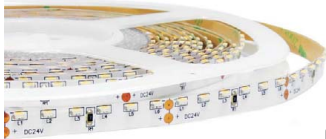
*CA= Common Anode
** Please confirm the connection points on the modules.

Flexible LEDs



SIDE EMITTING 120LED/m Monochromatic

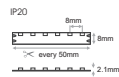
Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/RFF/PUSH BUTTON/Bluetooth



Side
Emitting 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	** (mm)	IP Rate
TV.149	120	14.4W	5	2700K	24VDC	120°	50	IP20
TV.148	120	14.4W	5	5000K	24VDC	120°	50	IP20

* Please confirm the connection points on the modules.



Flexible LEDs

Connectors / Accessories

Image Code Description

CONNECTORS FOR MONOCHROMATIC LED STRIPS

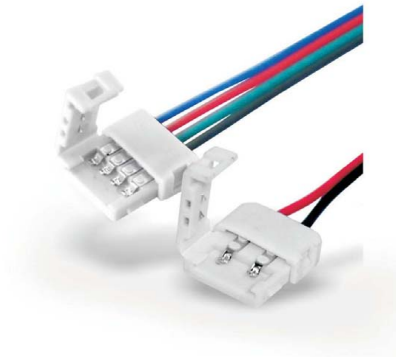
	ACC.215	2 connectors for Single Colour 8mm
	ACC.216	Wire connector for Single Colour 8mm
	ACC.217	Wire connector for Single Colour 10mm
	ACC.219	Wire & 2 connectors for Single Colour 8mm
	ACC.220	Wire & 2 connectors for Single Colour 10mm
	ACC.223	2 connectors for Single Colour 10mm

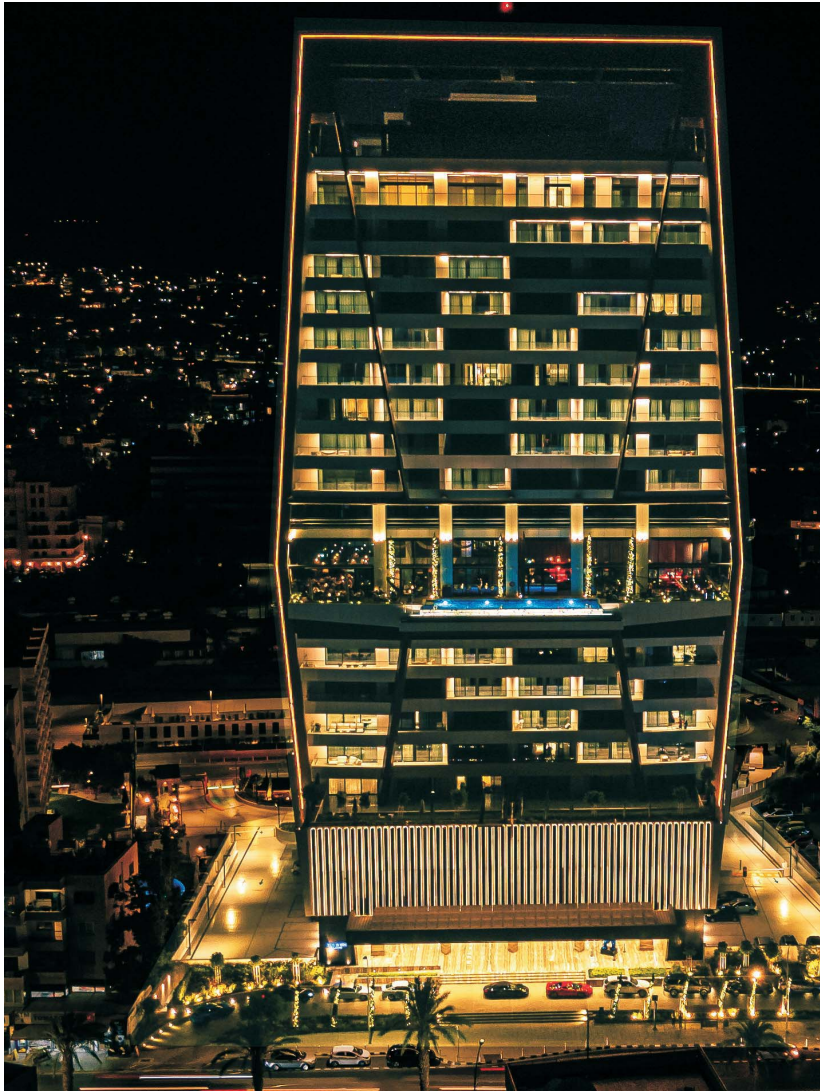
CONNECTORS FOR RGB LED STRIPS

	ACC.214	2 connectors.
	ACC.212	Wire in between two connectors.
	ACC.218	Wire connector for RGB 10mm
	ACC.221	Wire & 2 connectors for RGB 10mm
	ACC.224	2 connectors for RGB 10mm

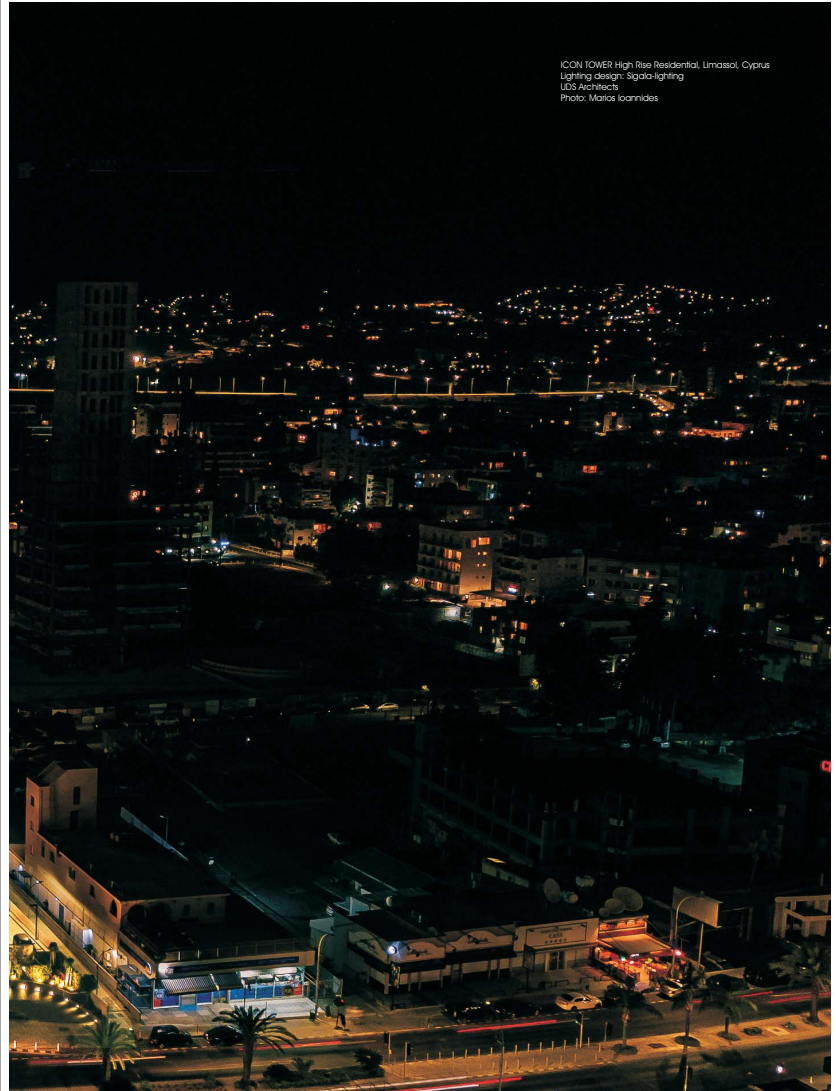
ACCESSORIES FOR LED STRIPS

	ACC.239	End cap for Waterproof LED STRIPS.
	ACC.240	Holder for Waterproof LED STRIPS.
	ACC.241	Male-Female power connector for Monochromatic LED STRIPS.





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



ICON TOWER High Rise Residential, Limassol, Cyprus
Lighting design: Sigala-lighting
UDS Architects
Photo: Marios Ioannides

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antikias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

FLAT H MILKY LED

Flexible LEDs 

- FLAT H Milky LED is fully encapsulated Horizontal bending flexible linear LED.
- Available with NICHIA smd LEDs or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs CRI>80, 2700/3000/3500/4000K also available in CRI>90 upon request.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap DIY IP67
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

PVC:

- Monochromatic, RGB: 10m single supply / 20m double supply
- Dim to Warm & Tunable White: 20m single supply / 40m double supply
- RGBW: 5m single supply / 10m double supply

Silicone:

- Monochromatic, RGB: 15m single supply / 30m double supply
- Dim to Warm & Tunable White: 30m single supply / 60m double supply
- RGBW: 8m single supply / 16m double supply

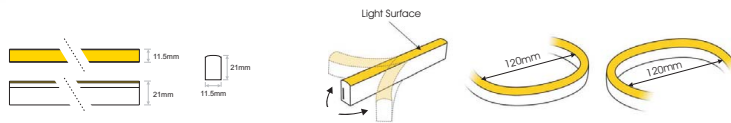
Lighting management options:

On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant
- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW



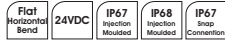

All connectors are supplied with waterproof junction protection barrel



Golden Yachts - Yacht Optasia



PVC



Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (mm)
TV460	60	12W	20	2200K	>80	275	24VDC	120°	100
TV461	60	12W	20	2500K	>80	280	24VDC	120°	100
TV446	60	12W	20	2700K	>80	280	24VDC	120°	100
TV450	60	12W	20	3000K	>80	315	24VDC	120°	100
TV462	60	12W	20	3500K	>80	315	24VDC	120°	100
TV451	60	12W	20	4000K	>80	320	24VDC	120°	100
TV463	60	12W	20	4500K	>80	320	24VDC	120°	100
TV452	60	12W	20	5000K	>80	320	24VDC	120°	100
TV681	144	12W	20	Tunable White 2500K~5000K	>80	110~110	24VDC	120°	83.34
TV474	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ≡ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (mm)
TV694	72	12W	20	2200K	>80	310	24VDC	120°	83.3
TV046	72	12W	20	2700K	>80	350	24VDC	120°	83.3
TV695	72	12W	20	3000K	>80	350	24VDC	120°	83.3
TV696	72	12W	20	3500K	>80	350	24VDC	120°	83.3
TV056	72	12W	20	4000K	>80	355	24VDC	120°	83.3
TV697	72	12W	20	5700K	>80	360	24VDC	120°	83.3
TV701	72	12W	20	2700K	>90	250	24VDC	120°	83.3
TV702	72	12W	20	3000K	>90	295	24VDC	120°	83.3
TV703	72	12W	20	3500K	>90	295	24VDC	120°	83.3
TV704	72	12W	20	4000K	>90	295	24VDC	120°	83.3
TV477	72	8W	20	RED		110	24VDC	120°	125
TV478	72	12W	20	BLUE		35	24VDC	120°	83.34
TV479	72	12W	20	GREEN		220	24VDC	120°	83.34
TV480	72	8W	20	AMBER		110	24VDC	120°	125
TV698	144	12W	20	Warm Dimmable 1800K - 3000K	>80	-	24VDC	120°	83.34
TV680	144	12W	20	Tunable White 2200K - 5700K	>80	110~110	24VDC	120°	83.34
TV051	60	12W	20	RGB		R:40, G:100, B:15, all:155	24VDC	120°	100
TV682	60	15W	10	RGBW 2700K		R:40, G:100, B:15, W:100	24VDC	120°	100
TV684	60	15W	10	RGBW 3000K		R:40, G:100, B:15, W:100	24VDC	120°	100
TV683	60	15W	10	RGBW 4000K		R:40, G:100, B:15, W:100	24VDC	120°	100
TV685	60	15W	10	RGBA Amber		-	24VDC	120°	100

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ≡ sign on the rear side of the modules



Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (mm)
TVS460	60	12W	20	2200K	>80	275	24VDC	120°	100
TVS461	60	12W	20	2500K	>80	280	24VDC	120°	100
TVS446	60	12W	20	2700K	>80	280	24VDC	120°	100
TVS450	60	12W	20	3000K	>80	315	24VDC	120°	100
TVS462	60	12W	20	3500K	>80	315	24VDC	120°	100
TVS451	60	12W	20	4000K	>80	320	24VDC	120°	100
TVS463	60	12W	20	4500K	>80	320	24VDC	120°	100
TVS452	60	12W	20	5000K	>80	320	24VDC	120°	100
TVS681	144	12W	20	Tunable White 2500K~5000K	>80	110~110	24VDC	120°	83.34
TVS474	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ≡ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (mm)
TVS694	72	12W	20	2200K	>80	315	24VDC	120°	83.34
TVS046	72	12W	20	2700K	>80	355	24VDC	120°	83.34
TVS695	72	12W	20	3000K	>80	355	24VDC	120°	83.34
TVS696	72	12W	20	3500K	>80	390	24VDC	120°	83.34
TVS056	72	12W	20	4000K	>80	400	24VDC	120°	83.34
TVS697	72	12W	20	5700K	>80	410	24VDC	120°	83.34
TVS701	72	12W	20	2700K	>90	280	24VDC	120°	83.3
TVS702	72	12W	20	3000K	>90	320	24VDC	120°	83.3
TVS703	72	12W	20	3500K	>90	320	24VDC	120°	83.3
TVS704	72	12W	20	4000K	>90	320	24VDC	120°	83.3
TVS477	72	8W	20	RED		128	24VDC	120°	125
TVS478	72	12W	20	BLUE		70	24VDC	120°	100
TVS479	72	12W	20	GREEN		348	24VDC	120°	100
TVS480	72	8W	20	AMBER		128	24VDC	120°	125
TVS698	144	12W	20	Warm Dimmable 1800K - 3000K	>80	-	24VDC	120°	83.34
TVS680	144	12W	20	Tunable White 2200K - 5700K	>80	140~170	24VDC	120°	83.34
TVS051	60	12W	20	RGB		R:50, G:120, B:25, all:195	24VDC	120°	100
TVS682	60	15W	10	RGBW 2700K		R:50, G:120, B:25, W:120	24VDC	120°	100
TVS684	60	15W	10	RGBW 3000K		R:50, G:120, B:25, W:120	24VDC	120°	100
TVS683	60	15W	10	RGBW 4000K		R:50, G:120, B:25, W:120	24VDC	120°	100
TVS685	60	15W	10	RGBA Amber		-	24VDC	120°	100

** Please confirm with the ≡ sign on the rear side of the modules



PVC
Injection Moulded connection IP67

Side Feed



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.001	CON.450	CON.209	CON.527	Side Feed A connector IP67	L = 1m
CON.003	CON.452	CON.211	CON.529	Side Feed A connector IP67	L = 3m
CON.005	CON.454	CON.213	CON.531	Side Feed A connector IP67	L = 5m
CON.007	CON.456	CON.215	CON.533	Side Feed A connector IP67	L = 10m
CON.002	CON.451	CON.210	CON.528	Side Feed B connector IP67	L = 1m
CON.004	CON.453	CON.212	CON.530	Side Feed B connector IP67	L = 3m
CON.006	CON.455	CON.214	CON.532	Side Feed B connector IP67	L = 5m
CON.008	CON.457	CON.216	CON.534	Side Feed B connector IP67	L = 10m



Bottom Feed



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.009	CON.458	CON.217	CON.535	Bottom Feed connector IP67	L = 1m
CON.010	CON.459	CON.218	CON.536	Bottom Feed connector IP67	L = 3m
CON.011	CON.460	CON.219	CON.537	Bottom Feed connector IP67	L = 5m
CON.012	CON.461	CON.220	CON.538	Bottom Feed connector IP67	L = 10m



End Feed



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.013	CON.462	CON.221	CON.539	End Feed connector IP67	L = 1m
CON.014	CON.463	CON.222	CON.540	End Feed connector IP67	L = 3m
CON.015	CON.464	CON.223	CON.541	End Feed connector IP67	L = 5m
CON.016	CON.465	CON.224	CON.542	End Feed connector IP67	L = 10m



End Cap



Single Coloured, TW / DW, RGB, RGBW / RGBAA	Description
CAP.400	End Cap IP67

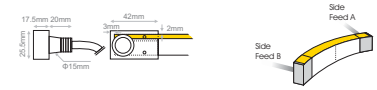


PVC
Injection Moulded connection IP68

Side Feed



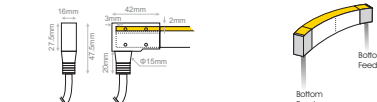
Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.017	CON.466	CON.225	CON.543	Side Feed A connector IP68	L = 1m
CON.019	CON.468	CON.227	CON.545	Side Feed A connector IP68	L = 3m
CON.021	CON.470	CON.229	CON.547	Side Feed A connector IP68	L = 5m
CON.024	CON.472	CON.231	CON.549	Side Feed A connector IP68	L = 10m
CON.018	CON.467	CON.226	CON.544	Side Feed B connector IP68	L = 1m
CON.020	CON.469	CON.228	CON.546	Side Feed B connector IP68	L = 3m
CON.023	CON.471	CON.230	CON.548	Side Feed B connector IP68	L = 5m
CON.025	CON.473	CON.232	CON.550	Side Feed B connector IP68	L = 10m



Bottom Feed



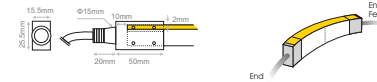
Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.026	CON.474	CON.233	CON.524	Bottom Feed connector IP68	L = 1m
CON.027	CON.475	CON.234	CON.525	Bottom Feed connector IP68	L = 3m
CON.028	CON.476	CON.235	CON.526	Bottom Feed connector IP68	L = 5m
CON.029	CON.477	CON.236	CON.515	Bottom Feed connector IP68	L = 10m



End Feed



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.022	CON.478	CON.237	CON.521	End Feed connector IP68	L = 1m
CON.030	CON.479	CON.238	CON.522	End Feed connector IP68	L = 3m
CON.031	CON.480	CON.239	CON.523	End Feed connector IP68	L = 5m
CON.208	CON.481	CON.240	CON.516	End Feed connector IP68	L = 10m



End Cap

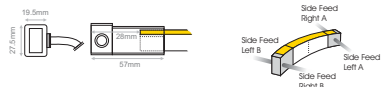


Single Coloured, TW / DW, RGB, RGBW / RGBAA	Description
CAP.401	End Cap IP68



PVC
Snap connection IP67

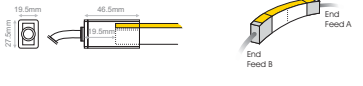
Side Feed	Single Coloured	TW / DW	RGB	Description	Length
	CON.048	CON.498	CON.258	Side Feed Left A connector IP67	L = 1m
	CON.049	CON.499	CON.259	Side Feed Left A connector IP67	L = 3m
	CON.050	CON.500	CON.260	Side Feed Left A connector IP67	L = 5m
	CON.051	CON.501	CON.261	Side Feed Left A connector IP67	L = 10m
	CON.056	CON.506	CON.266	Side Feed Right A connector IP67	L = 1m
	CON.057	CON.507	CON.267	Side Feed Right A connector IP67	L = 3m
	CON.058	CON.508	CON.268	Side Feed Right A connector IP67	L = 5m
	CON.059	CON.509	CON.269	Side Feed Right A connector IP67	L = 10m
	CON.052	CON.502	CON.262	Side Feed Left B connector IP67	L = 1m
	CON.053	CON.503	CON.263	Side Feed Left B connector IP67	L = 3m
	CON.054	CON.504	CON.264	Side Feed Left B connector IP67	L = 5m
	CON.055	CON.505	CON.265	Side Feed Left B connector IP67	L = 10m
	CON.060	CON.510	CON.271	Side Feed Right B connector IP67	L = 1m
	CON.061	CON.511	CON.272	Side Feed Right B connector IP67	L = 3m
	CON.062	CON.512	CON.273	Side Feed Right B connector IP67	L = 5m
	CON.063	CON.513	CON.274	Side Feed Right B connector IP67	L = 10m



Bottom Feed	Single Coloured	TW / DW	RGB	Description	Length
	CON.040	CON.490	CON.250	Bottom Feed A connector IP67	L = 1m
	CON.041	CON.491	CON.251	Bottom Feed A connector IP67	L = 3m
	CON.042	CON.492	CON.252	Bottom Feed A connector IP67	L = 5m
	CON.043	CON.493	CON.253	Bottom Feed A connector IP67	L = 10m
	CON.044	CON.494	CON.254	Bottom Feed B connector IP67	L = 1m
	CON.045	CON.495	CON.255	Bottom Feed B connector IP67	L = 3m
	CON.046	CON.496	CON.256	Bottom Feed B connector IP67	L = 5m
	CON.047	CON.497	CON.257	Bottom Feed B connector IP67	L = 10m



End Feed	Single Coloured	TW / DW	RGB	Description	Length
	CON.032	CON.482	CON.241	End Feed A connector IP67	L = 1m
	CON.033	CON.483	CON.243	End Feed A connector IP67	L = 3m
	CON.034	CON.484	CON.244	End Feed A connector IP67	L = 5m
	CON.035	CON.485	CON.245	End Feed A connector IP67	L = 10m
	CON.036	CON.486	CON.246	End Feed B connector IP67	L = 1m
	CON.037	CON.487	CON.247	End Feed B connector IP67	L = 3m
	CON.038	CON.488	CON.248	End Feed B connector IP67	L = 5m
	CON.039	CON.489	CON.249	End Feed B connector IP67	L = 10m



End Cap	Single Coloured, TW / DW, RGB	Description
	CAP402	End Cap A IP67
	CAP410	End Cap B IP67

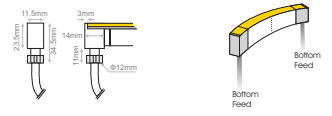


SILICONE
Injection Moulded connection IP68

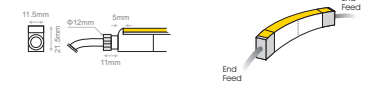
Side Feed	Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
	CONS017	CONS466	CONS225	CONS543	Side Feed A connector IP68	L = 1m
	CONS019	CONS468	CONS227	CONS545	Side Feed A connector IP68	L = 3m
	CONS021	CONS470	CONS229	CONS547	Side Feed A connector IP68	L = 5m
	CONS024	CONS472	CONS231	CONS549	Side Feed A connector IP68	L = 10m
	CONS018	CONS467	CONS226	CONS544	Side Feed B connector IP68	L = 1m
	CONS020	CONS469	CONS228	CONS546	Side Feed B connector IP68	L = 3m
	CONS023	CONS471	CONS230	CONS548	Side Feed B connector IP68	L = 5m
	CONS025	CONS473	CONS232	CONS550	Side Feed B connector IP68	L = 10m



Bottom Feed	Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
	CONS026	CONS474	CONS233	CONS524	Bottom Feed connector IP68	L = 1m
	CONS027	CONS475	CONS234	CONS525	Bottom Feed connector IP68	L = 3m
	CONS029	CONS477	CONS236	CONS526	Bottom Feed connector IP68	L = 10m




End Feed	Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
	CONS022	CONS478	CONS237	CONS521	End Feed connector IP68	L = 1m
	CONS030	CONS479	CONS238	CONS522	End Feed connector IP68	L = 3m
	CONS031	CONS480	CONS239	CONS523	End Feed connector IP68	L = 5m
	CONS208	CONS481	CONS240	CONS516	End Feed connector IP68	L = 10m

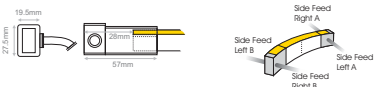



End Cap	Single Coloured, TW / DW, RGB, RGBW / RGBA	Description
	CAPS401	End Cap IP68

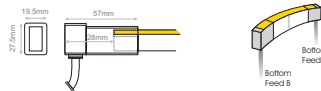



SILICONE
Snap connection IP67

Side Feed	Single Coloured	TW / DW	RGB	Description	Length
	CONS048	CONS498	CONS258	Side Feed Left A connector IP67	L = 1m
	CONS049	CONS499	CONS259	Side Feed Left A connector IP67	L = 3m
	CONS050	CONS500	CONS260	Side Feed Left A connector IP67	L = 5m
	CONS051	CONS501	CONS261	Side Feed Left A connector IP67	L = 10m
	CONS056	CONS506	CONS266	Side Feed Right A connector IP67	L = 1m
	CONS057	CONS507	CONS267	Side Feed Right A connector IP67	L = 3m
	CONS058	CONS508	CONS268	Side Feed Right A connector IP67	L = 5m
	CONS059	CONS509	CONS269	Side Feed Right A connector IP67	L = 10m
	CONS052	CONS502	CONS262	Side Feed Left B connector IP67	L = 1m
	CONS053	CONS503	CONS263	Side Feed Left B connector IP67	L = 3m
	CONS054	CONS504	CONS264	Side Feed Left B connector IP67	L = 5m
	CONS055	CONS505	CONS265	Side Feed Left B connector IP67	L = 10m
	CONS060	CONS510	CONS271	Side Feed Right B connector IP67	L = 1m
	CONS062	CONS512	CONS272	Side Feed Right B connector IP67	L = 3m
CONS063	CONS513	CONS274	Side Feed Right B connector IP67	L = 5m	




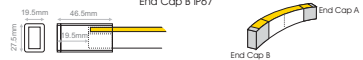
Bottom Feed	Single Coloured	TW / DW	RGB	Description	Length
	CONS040	CONS490	CONS250	Bottom Feed A connector IP67	L = 1m
	CONS041	CONS491	CONS251	Bottom Feed A connector IP67	L = 3m
	CONS042	CONS492	CONS252	Bottom Feed A connector IP67	L = 5m
	CONS043	CONS493	CONS253	Bottom Feed A connector IP67	L = 10m
	CONS044	CONS494	CONS254	Bottom Feed B connector IP67	L = 1m
	CONS045	CONS495	CONS255	Bottom Feed B connector IP67	L = 3m
	CONS046	CONS496	CONS256	Bottom Feed B connector IP67	L = 5m
	CONS047	CONS497	CONS257	Bottom Feed B connector IP67	L = 10m



End Feed	Single Coloured	TW / DW	RGB	Description	Length
	CONS032	CONS482	CONS241	End Feed A connector IP67	L = 1m
	CONS033	CONS483	CONS243	End Feed A connector IP67	L = 3m
	CONS034	CONS484	CONS244	End Feed A connector IP67	L = 5m
	CONS035	CONS485	CONS245	End Feed A connector IP67	L = 10m
	CONS036	CONS486	CONS246	End Feed B connector IP67	L = 1m
	CONS037	CONS487	CONS247	End Feed B connector IP67	L = 3m
	CONS038	CONS488	CONS248	End Feed B connector IP67	L = 5m
	CONS039	CONS489	CONS249	End Feed B connector IP67	L = 10m



End Cap	Single Coloured, TW / DW, RGB	Description
	CAPS402	End Cap A IP67
	CAPS410	End Cap B IP67



PROFILES







Surface

Code	Description
PRF.418	Aluminium Profile with elastic tape 15.9x24.8 Length: 2m
PRF.069	Aluminium Profile 13.8x22 Length: 2m
PRF.022	Aluminium Profile U TYPE 16x30 Length: 2m
PRF.074	Aluminium Profile Lock 16.8x23.7 Length: 2m
PRF.403	Aluminium Profile Lock 16.2x25.6 Length: 2m







Plastic Surface

Code	Description
PRF.420	Plastic Profile Transparent 16x26.4 Length: 2m
PRF.401	Plastic Profile 14x24 Length: 2m





Recessed

	Code	Description
 	PRF.419	Aluminium Profile with elastic tape 25.5x24.8 Length: 2m
 	PRF.024	Aluminium Profile OMEGA 30x30 Length: 2m
 	PRF.404	Aluminium Profile 20.3x24.6 Length: 2m


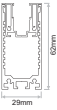







Bendable

	Code	Description
  <p>Minimum bending diameter   toothed side inwards toothed side outwards</p>	PRF.412	Bendable Aluminium Profile with elastic tape 15.9x24.8 Length: 1m
 	PRF.402	Bendable Stainless Steel profile 13.2x24.5 Length: 1m








Holder

	Code	Description
 	PRH.106	Stainless Steel 316 Holder 14x23.2 Length: 0.035m
 	PRH.031	Bendable Stainless Steel Holder 13.2x24.5 Length: 0.093m

Surface / Pendant

	Code	Description
 	PRF.422	Surface/ Pendant Aluminium Profile 29x62 Length: 2m
  	CAP.424 CAP.425	Front cap for PRF.422 End cap for PRF.422
 	PRF.424	Inner aluminium profile for PRF.422
	ACC.191	Ceiling Suspension 150cm
	ACC.233	Ceiling Suspension 300cm

Extras

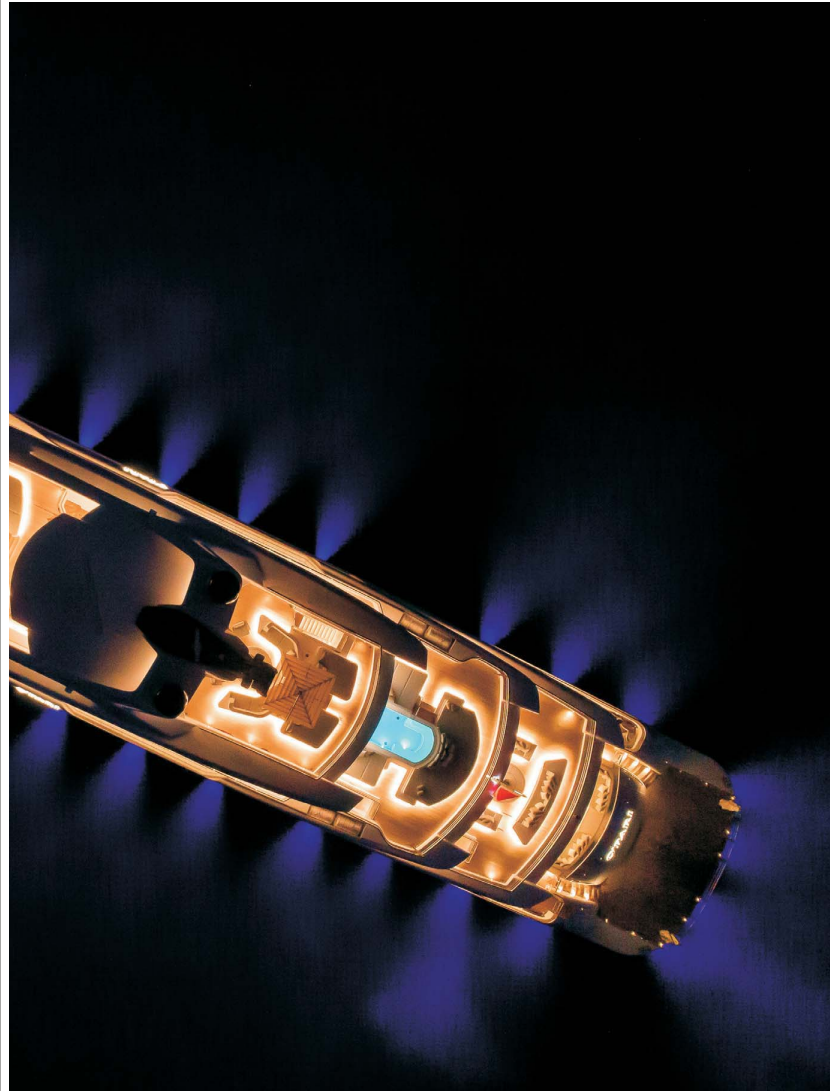
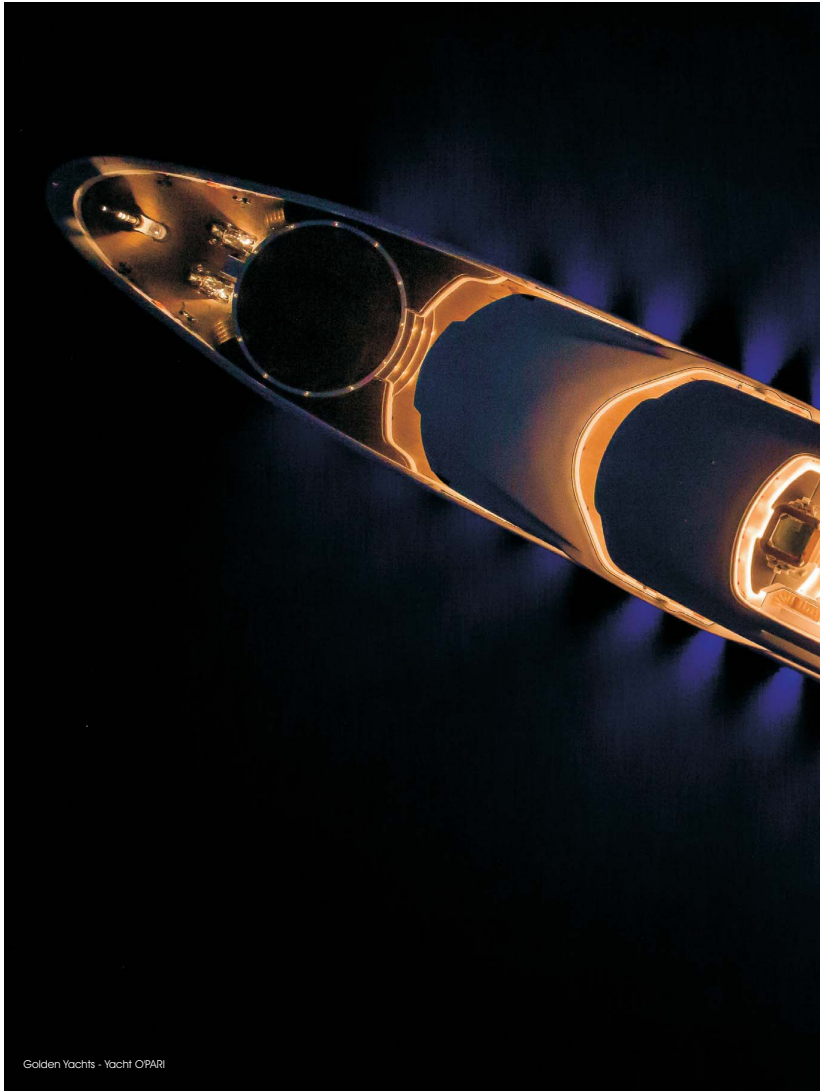
	Code	Description
 	PRH.107	Stainless Steel Bracket 45x40 for surface Aluminium profiles for Milky LED FLAT
 	PRH.108	Stainless Steel Bracket 26x21 for surface Aluminium profiles for Milky LED FLAT
 	PRH.109	Aluminium L Holder 70x25 for surface Aluminium profiles for Milky LED FLAT
	ACC.125	Scissor



Male and Female connectors available upon request.



All connectors are supplied with waterproof junction protection barrel.



Golden Yachts - Yacht OPARI

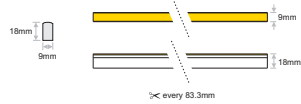
SLIM H MILKY LED



- Slim Milky LED with Horizontal bending.
- Available: Injection moulded IP67, Double Injection Moulded IP68, Snap DIY IP67.
- It is ideal for outdoor illumination on highlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 72 LEDs/m, 4.5W/m.

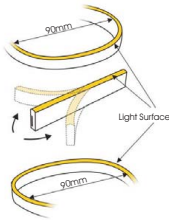
Lighting management options:
On-Off/DALI(0..10V)/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

> Maximum connecting length: 10m (for longer lengths also use reverse supply connector)
> Cutting units: Every 83.3mm (check cutting marks on product)



All connectors are supplied with waterproof junction protection barrel

FRAGILE
Only Bend Horizontally
Do not bend smaller than allowed minimum bend diameter.



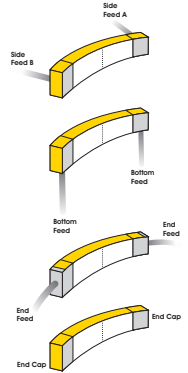
Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminous Flux (lm/m)	Voltage	Beam Angle	Beam Angle (°)
TIV454	72	4.5W	20	2200K	110	24VDC	120°	83.3
TIV453	72	4.5W	20	2700K	114	24VDC	120°	83.3
TIV448	72	4.5W	20	3000K	116	24VDC	120°	83.3
TIV455	72	4.5W	20	4000K	120	24VDC	120°	83.3
TIV456	72	4.5W	20	5700K	125	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the >= sign on the rear side of the modules



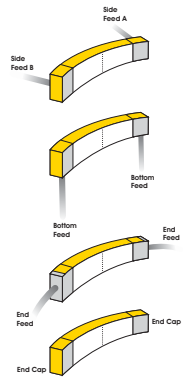
Injection Moulded connection IP67

	Code	Description	Length
Side Feed	CON.064	Side Feed A connector IP67	L= 1m
	CON.066	Side Feed A connector IP67	L= 3m
	CON.068	Side Feed A connector IP67	L= 5m
	CON.070	Side Feed A connector IP67	L= 10m
	CON.065	Side Feed B connector IP67	L= 1m
Bottom Feed	CON.072	Bottom Feed connector IP67	L= 1m
	CON.073	Bottom Feed connector IP67	L= 3m
	CON.074	Bottom Feed connector IP67	L= 5m
	CON.075	Bottom Feed connector IP67	L= 10m
	End Feed	CON.076	End Feed connector IP67
CON.077		End Feed connector IP67	L= 3m
CON.078		End Feed connector IP67	L= 5m
CON.079		End Feed connector IP67	L= 10m
End Cap	CAP403	End Cap IP67	



Injection Moulded connection IP68

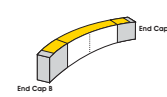
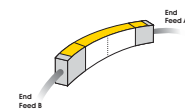
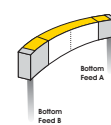
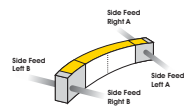
	Code	Description	Length
Side Feed	CON.080	Side Feed A connector IP68	L= 1m
	CON.082	Side Feed A connector IP68	L= 3m
	CON.084	Side Feed A connector IP68	L= 5m
	CON.087	Side Feed A connector IP68	L= 10m
	CON.081	Side Feed B connector IP68	L= 1m
Bottom Feed	CON.083	Side Feed B connector IP68	L= 3m
	CON.086	Side Feed B connector IP68	L= 5m
	CON.088	Side Feed B connector IP68	L= 10m
	CON.089	Bottom Feed connector IP68	L= 1m
	CON.090	Bottom Feed connector IP68	L= 3m
End Feed	CON.091	Bottom Feed connector IP68	L= 5m
	CON.092	Bottom Feed connector IP68	L= 10m
	CON.093	End Feed connector IP68	L= 1m
	CON.094	End Feed connector IP68	L= 3m
End Cap	CON.085	End Feed connector IP68	L= 5m
	CON.095	End Feed connector IP68	L= 10m
End Cap	CAP.404	End Cap IP68	





Snap connection IP67

	Code	Description	Length	
<p>Side Feed</p>	CON.112	Side Feed Left A connector IP67	L= 1m	
	CON.113	Side Feed Left A connector IP67	L= 3m	
	CON.114	Side Feed Left A connector IP67	L= 5m	
	CON.115	Side Feed Left A connector IP67	L= 10m	
	CON.120	Side Feed Right A connector IP67	L= 1m	
	CON.121	Side Feed Right A connector IP67	L= 3m	
	CON.122	Side Feed Right A connector IP67	L= 5m	
	CON.123	Side Feed Right A connector IP67	L= 10m	
	CON.116	Side Feed Left B connector IP67	L= 1m	
	CON.117	Side Feed Left B connector IP67	L= 3m	
	CON.118	Side Feed Left B connector IP67	L= 5m	
	CON.119	Side Feed Left B connector IP67	L= 10m	
<p>Bottom Feed</p>	CON.104	Bottom Feed A connector IP67	L= 1m	
	CON.105	Bottom Feed A connector IP67	L= 3m	
	CON.106	Bottom Feed A connector IP67	L= 5m	
	CON.107	Bottom Feed A connector IP67	L= 10m	
	CON.108	Bottom Feed B connector IP67	L= 1m	
	CON.109	Bottom Feed B connector IP67	L= 3m	
	CON.110	Bottom Feed B connector IP67	L= 5m	
	CON.111	Bottom Feed B connector IP67	L= 10m	
	<p>End Feed</p>	CON.096	End Feed A connector IP67	L= 1m
		CON.097	End Feed A connector IP67	L= 3m
		CON.098	End Feed A connector IP67	L= 5m
		CON.099	End Feed A connector IP67	L= 10m
CON.100		End Feed B connector IP67	L= 1m	
CON.101		End Feed B connector IP67	L= 3m	
CON.102		End Feed B connector IP67	L= 5m	
<p>End Cap</p>	CAP.405	End Cap A IP67		
	CAP.409	End Cap B IP67		



All connectors are supplied with waterproof junction protection barrel

Male and Female connector

ACC.125 Scissors for cutting Milky Top V



Profiles & Accessories for SLIM H Milky LED

	Code	Description
	PRF.050	Aluminium Profile for Milky Slim H 11.7x21.5mm Length: 2m
	PRF.073	Aluminium Profile Lock for Milky Slim H 12.8x22.3mm Length: 2m
	PRF.406	Recessed Aluminium Profile for Milky Slim H 11.8x21mm Length: 2m
	PRF.400	Plastic Profile for Milky Slim H 11x21mm Length: 2m





Shipping Company Headquarters, Athens, Greece



Flexible LEDs

TOP V MILKY LED

- TOP V Milky LED is fully encapsulated Vertical bending flexible linear LED.
- Available with Nichia smd LEDs or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs available in CR80 and/or CR190.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap IP67.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- Standard IP68 connectors : depth up to 2m.
- Special IP68 connectors: depth up to 5m only available upon request.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

PVC:

- Monochromatic, RGB: 10m single supply / 20m double supply.
- Dim to Warm & Tunable White: 15m single supply / 30m double supply.
- RGBW: 5m single supply / 10m double supply.

Silicone:

- Monochromatic, RGB: 15m single supply / 30m double supply.
- Dim to Warm & Tunable White: 15m single supply / 60m double supply.
- RGBW: 10m single supply / 20m double supply.

Lighting management options:

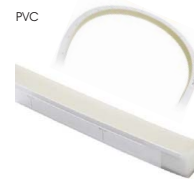
On-Off/DALI(0..10V/1..10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW



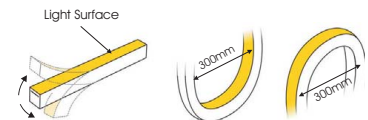
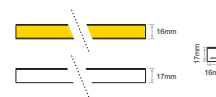
PVC



SILICONE



All connectors are supplied with waterproof junction protection barrel



TOP V MILKY LED



PVC



LIGHTSOURCE BY
NICHIA

Code	No.LED/m	Waflm	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*φ(mm)
TV464	108	12W	20	2500K	80	360	24VDC	120°	55.6
TV457	108	12W	20	2700K	80	360	24VDC	120°	55.6
TV052	108	12W	20	3000K	80	360	24VDC	120°	55.6
TV465	108	12W	20	3500K	80	400	24VDC	120°	55.6
TV458	108	12W	20	4000K	80	400	24VDC	120°	55.6
TV466	108	12W	20	4500K	80	400	24VDC	120°	55.6
TV459	108	12W	20	5000K	80	400	24VDC	120°	55.6

Tunable White									
TV732	144	12W	20	Tunable White 2500K-5000K	80	180-180	24VDC	120°	83.3

RGB									
TV472	72	12W	20	RGB	80	R:80, G:190, B:30, all:300	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the >= sign on the rear side of the modules

Standard

Code	No.LED/m	Waflm	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*φ(mm)
TV705	108	12W	20	2200K	80	420	24VDC	120°	55.6
TV706	108	12W	20	2700K	80	420	24VDC	120°	55.6
TV707	108	12W	20	3000K	80	420	24VDC	120°	55.6
TV708	108	12W	20	3500K	80	480	24VDC	120°	55.6
TV709	108	12W	20	4000K	80	480	24VDC	120°	55.6
TV710	108	12W	20	5700K	80	450	24VDC	120°	55.6
TV711	108	12W	20	2700K	90	350	24VDC	120°	55.6
TV712	108	12W	20	3000K	90	350	24VDC	120°	55.6
TV713	108	12W	20	3500K	90	400	24VDC	120°	55.6
TV714	108	12W	20	4000K	90	400	24VDC	120°	55.6
TV715	108	8W	20	RED	80	170	24VDC	120°	83.3
TV716	108	12W	20	GREEN	80	450	24VDC	120°	55.6
TV717	108	12W	20	BLUE	80	85	24VDC	120°	55.6
TV718	108	8W	20	AMBER	80	170	24VDC	120°	88.3

Single Coloured High Brightness

TV719	108	12W	20	2200K	80	550 High Brightness	24VDC	120°	55.6
TV720	108	12W	20	2700K	80	650 High Brightness	24VDC	120°	55.6
TV481	108	12W	20	3000K	80	650 High Brightness	24VDC	120°	55.6
TV721	108	12W	20	3500K	80	750 High Brightness	24VDC	120°	55.6
TV482	108	12W	20	4000K	80	750 High Brightness	24VDC	120°	55.6
TV722	108	12W	20	5700K	80	700 High Brightness	24VDC	120°	55.6
TV723	108	15W	20	2200K	80	700 High Brightness	24VDC	120°	55.6
TV724	108	15W	20	2700K	80	800 High Brightness	24VDC	120°	55.6
TV725	108	15W	20	3000K	80	800 High Brightness	24VDC	120°	55.6
TV726	108	15W	20	3500K	80	900 High Brightness	24VDC	120°	55.6
TV727	108	15W	20	4000K	80	900 High Brightness	24VDC	120°	55.6
TV728	108	15W	20	5700K	80	850 High Brightness	24VDC	120°	55.6

Tunable White									
TV729	144	12W	20	Tunable White 2200K - 5700K	80	180-180	24VDC	120°	83.3

RGB-RGBW

TV473	84	12W	20	RGB	80	R:80, G:190, B:30, all:300	24VDC	120°	83.3
TV730	84	15W	10	RGBW 2700K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
TV699	84	15W	10	RGBW 3000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
TV731	84	15W	10	RGBW 4000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3

* 2700K, 3000K, 3500K, 4000K also available in CRI=90 upon request.
** Please confirm with the >= sign on the rear side of the modules



SILICONE

TOP V MILKY LED



LIGHTSOURCE BY
NICHIA

Code	No.LED/m	Waflm	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*φ(mm)
TVS464	108	12W	20	2500K	80	420	24VDC	120°	55.6
TVS457	108	12W	20	2800K	80	450	24VDC	120°	55.6
TVS052	108	12W	20	3200K	80	450	24VDC	120°	55.6
TVS465	108	12W	20	3700K	80	450	24VDC	120°	55.6
TVS458	108	12W	20	4200K	80	450	24VDC	120°	55.6
TVS466	108	12W	20	4500K	80	450	24VDC	120°	55.6
TVS459	108	12W	20	5000K	80	450	24VDC	120°	55.6
TVS733	108	12W	20	5700K	80	450	24VDC	120°	55.6

Tunable White									
TVS732	144	12W	20	Tunable White 2500K-5000K	80	220-270	24VDC	120°	83.3

RGB									
TVS472	72	12W	20	RGB	80	R:90, G:240, B:40, all:370	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the >= sign on the rear side of the modules

Standard

Code	No.LED/m	Waflm	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*φ(mm)
TVS705	108	12W	20	2200K	80	450	24VDC	120°	55.6
TVS706	108	12W	20	2700K	80	555	24VDC	120°	55.6
TVS707	108	12W	20	3000K	80	565	24VDC	120°	55.6
TVS708	108	12W	20	3500K	80	580	24VDC	120°	55.6
TVS709	108	12W	20	4000K	80	580	24VDC	120°	55.6
TVS710	108	12W	20	5700K	80	580	24VDC	120°	55.6
TVS711	108	12W	20	2700K	90	480	24VDC	120°	55.6
TVS712	108	12W	20	3000K	90	480	24VDC	120°	55.6
TVS713	108	12W	20	3500K	90	500	24VDC	120°	55.6
TVS714	108	12W	20	4000K	90	500	24VDC	120°	55.6
TVS715	108	8W	20	RED	80	185	24VDC	120°	83.3
TVS716	108	12W	20	GREEN	80	550	24VDC	120°	55.6
TVS717	108	12W	20	BLUE	80	120	24VDC	120°	55.6
TVS718	108	8W	20	AMBER	80	185	24VDC	120°	88.3

Single Coloured High Brightness

TVS723	108	15W	20	2200K	80	600 High Brightness	24VDC	120°	55.6
TVS724	108	15W	20	2700K	80	700 High Brightness	24VDC	120°	55.6
TVS725	108	15W	20	3000K	80	700 High Brightness	24VDC	120°	55.6
TVS726	108	15W	20	3500K	80	800 High Brightness	24VDC	120°	55.6
TVS727	108	15W	20	4000K	80	800 High Brightness	24VDC	120°	55.6
TVS728	108	15W	20	5700K	80	800 High Brightness	24VDC	120°	55.6

Tunable White									
TVS729	144	12W	20	Tunable White 2200K - 5700K	80	220-270	24VDC	120°	83.3

Warm Dimming

TVS758	192	12W	20	Warm Dimming 1800K - 3000K	80	3.5-600	24VDC	120°	62.5
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RGB-RGBW

TVS473	84	12W	20	RGB	80	R:90, G:240, B:40, all:370	24VDC	120°	83.3
TVS730	84	15W	10	RGBW 2700K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
TVS699	84	15W	10	RGBW 3000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
TVS731	84	15W	10	RGBW 4000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3

* 2700K, 3000K, 3500K, 4000K also available in CRI=90 upon request.
** Please confirm with the >= sign on the rear side of the modules



Injection Moulded connection IP67

PVC

Side Feed



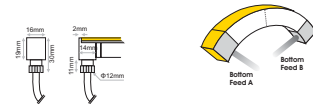
Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.128	CON.642	CON.275	CON.610	Side Feed Left A connector IP67	L= 1m
CON.132	CON.646	CON.279	CON.612	Side Feed Left A connector IP67	L= 3m
CON.136	CON.650	CON.283	CON.614	Side Feed Left A connector IP67	L= 5m
CON.140	CON.654	CON.287	CON.616	Side Feed Left A connector IP67	L= 10m
CON.129	CON.643	CON.276	CON.714	Side Feed Right A connector IP67	L= 1m
CON.133	CON.647	CON.280	CON.716	Side Feed Right A connector IP67	L= 3m
CON.137	CON.651	CON.284	CON.718	Side Feed Right A connector IP67	L= 5m
CON.141	CON.655	CON.288	CON.720	Side Feed Right A connector IP67	L= 10m
CON.130	CON.644	CON.277	CON.611	Side Feed Left B connector IP67	L= 1m
CON.134	CON.648	CON.281	CON.613	Side Feed Left B connector IP67	L= 3m
CON.138	CON.652	CON.285	CON.615	Side Feed Left B connector IP67	L= 5m
CON.142	CON.656	CON.289	CON.617	Side Feed Left B connector IP67	L= 10m
CON.131	CON.645	CON.278	CON.715	Side Feed Right B connector IP67	L= 1m
CON.135	CON.649	CON.282	CON.717	Side Feed Right B connector IP67	L= 3m
CON.139	CON.653	CON.286	CON.719	Side Feed Right B connector IP67	L= 5m
CON.143	CON.657	CON.290	CON.721	Side Feed Right B connector IP67	L= 10m



Bottom Feed



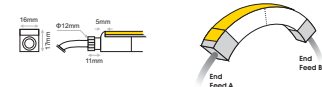
Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.144	CON.658	CON.291	CON.618	Bottom Feed connector IP67	L= 1m
CON.145	CON.659	CON.292	CON.619	Bottom Feed connector IP67	L= 3m
CON.146	CON.660	CON.293	CON.620	Bottom Feed connector IP67	L= 5m
CON.147	CON.661	CON.294	CON.621	Bottom Feed connector IP67	L= 10m



End Feed



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.148	CON.662	CON.295	CON.622	End Feed connector IP67	L= 1m
CON.149	CON.663	CON.296	CON.623	End Feed connector IP67	L= 3m
CON.150	CON.664	CON.297	CON.624	End Feed connector IP67	L= 5m
CON.151	CON.665	CON.298	CON.625	End Feed connector IP67	L= 10m



End Cap



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description
CAP.406	CAP.406	CAP.413	CAP.406	End Cap IP67



PVC

Injection Moulded connection IP68

Side Feed



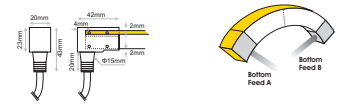
Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.152	CON.666	CON.299	CON.626	Side Feed Left A connector IP68	L= 1m
CON.157	CON.668	CON.303	CON.628	Side Feed Left A connector IP68	L= 3m
CON.162	CON.670	CON.307	CON.630	Side Feed Left A connector IP68	L= 5m
CON.166	CON.672	CON.311	CON.632	Side Feed Left A connector IP68	L= 10m
CON.154	CON.670	CON.300	CON.722	Side Feed Right A connector IP68	L= 1m
CON.158	CON.732	CON.304	CON.724	Side Feed Right A connector IP68	L= 3m
CON.163	CON.734	CON.308	CON.726	Side Feed Right A connector IP68	L= 5m
CON.167	CON.736	CON.312	CON.728	Side Feed Right A connector IP68	L= 10m
CON.155	CON.667	CON.301	CON.627	Side Feed Left B connector IP68	L= 1m
CON.160	CON.669	CON.305	CON.629	Side Feed Left B connector IP68	L= 3m
CON.164	CON.671	CON.309	CON.631	Side Feed Left B connector IP68	L= 5m
CON.168	CON.673	CON.313	CON.633	Side Feed Left B connector IP68	L= 10m
CON.156	CON.731	CON.302	CON.723	Side Feed Right B connector IP68	L= 1m
CON.161	CON.733	CON.306	CON.725	Side Feed Right B connector IP68	L= 3m
CON.165	CON.735	CON.310	CON.727	Side Feed Right B connector IP68	L= 5m
CON.169	CON.737	CON.314	CON.729	Side Feed Right B connector IP68	L= 10m



Bottom Feed



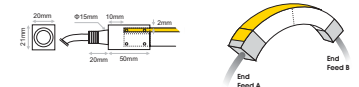
Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.170	CON.674	CON.315	CON.634	Bottom Feed connector IP68	L= 1m
CON.153	CON.675	CON.316	CON.635	Bottom Feed connector IP68	L= 3m
CON.171	CON.676	CON.317	CON.636	Bottom Feed connector IP68	L= 5m
CON.172	CON.677	CON.318	CON.637	Bottom Feed connector IP68	L= 10m



End Feed



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description	Length
CON.173	CON.678	CON.319	CON.638	End Feed connector IP68	L= 1m
CON.174	CON.679	CON.320	CON.639	End Feed connector IP68	L= 3m
CON.175	CON.680	CON.321	CON.640	End Feed connector IP68	L= 5m
CON.159	CON.681	CON.322	CON.641	End Feed connector IP68	L= 10m



End Cap



Single Coloured	TW / DW	RGB	RGBW / RGBAA	Description
CAP.407	CAP.407	CAP.414	CAP.407	End Cap IP68



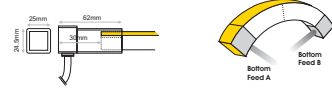
Snap connection IP67

PVC

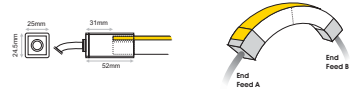
Single Coloured	Description	Length
CON.192	Side Feed Left A connector IP67	L= 1m
CON.193	Side Feed Left A connector IP67	L= 3m
CON.194	Side Feed Left A connector IP67	L= 5m
CON.195	Side Feed Left A connector IP67	L= 10m
CON.200	Side Feed Right A connector IP67	L= 1m
CON.201	Side Feed Right A connector IP67	L= 3m
CON.202	Side Feed Right A connector IP67	L= 5m
CON.203	Side Feed Right A connector IP67	L= 10m
CON.196	Side Feed Left B connector IP67	L= 1m
CON.197	Side Feed Left B connector IP67	L= 3m
CON.198	Side Feed Left B connector IP67	L= 5m
CON.199	Side Feed Left B connector IP67	L= 10m
CON.204	Side Feed Right B connector IP67	L= 1m
CON.205	Side Feed Right B connector IP67	L= 3m
CON.206	Side Feed Right B connector IP67	L= 5m
CON.207	Side Feed Right B connector IP67	L= 10m



Single Coloured	Description	Length
CON.184	Bottom Feed A connector IP67	L= 1m
CON.185	Bottom Feed A connector IP67	L= 3m
CON.186	Bottom Feed A connector IP67	L= 5m
CON.187	Bottom Feed A connector IP67	L= 10m
CON.188	Bottom Feed B connector IP67	L= 1m
CON.189	Bottom Feed B connector IP67	L= 3m
CON.190	Bottom Feed B connector IP67	L= 5m
CON.191	Bottom Feed B connector IP67	L= 10m



Single Coloured	Description	Length
CON.176	End Feed A connector IP67	L= 1m
CON.177	End Feed A connector IP67	L= 3m
CON.178	End Feed A connector IP67	L= 5m
CON.179	End Feed A connector IP67	L= 10m
CON.180	End Feed B connector IP67	L= 1m
CON.181	End Feed B connector IP67	L= 3m
CON.182	End Feed B connector IP67	L= 5m
CON.183	End Feed B connector IP67	L= 10m



Single Coloured, TW / DW, Bicolor	Description
CAP.408	End Cap IP67



Injection Moulded connection IP67

SILICONE

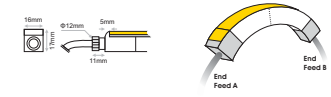
Single Coloured	Description	Length
CONSI128	Side Feed Left A connector IP67	L= 1m
CONSI132	Side Feed Left A connector IP67	L= 3m
CONSI136	Side Feed Left A connector IP67	L= 5m
CONSI140	Side Feed Left A connector IP67	L= 10m
CONSI129	Side Feed Right A connector IP67	L= 1m
CONSI133	Side Feed Right A connector IP67	L= 3m
CONSI137	Side Feed Right A connector IP67	L= 5m
CONSI141	Side Feed Right A connector IP67	L= 10m
CONSI130	Side Feed Left B connector IP67	L= 1m
CONSI134	Side Feed Left B connector IP67	L= 3m
CONSI138	Side Feed Left B connector IP67	L= 5m
CONSI142	Side Feed Left B connector IP67	L= 10m
CONSI131	Side Feed Right B connector IP67	L= 1m
CONSI135	Side Feed Right B connector IP67	L= 3m
CONSI139	Side Feed Right B connector IP67	L= 5m
CONSI143	Side Feed Right B connector IP67	L= 10m



Single Coloured	Description	Length
CONSI144	Bottom Feed connector IP67	L= 1m
CONSI145	Bottom Feed connector IP67	L= 3m
CONSI146	Bottom Feed connector IP67	L= 5m
CONSI147	Bottom Feed connector IP67	L= 10m



Single Coloured	Description	Length
CONSI148	End Feed connector IP67	L= 1m
CONSI149	End Feed connector IP67	L= 3m
CONSI150	End Feed connector IP67	L= 5m
CONSI151	End Feed connector IP67	L= 10m



Single Coloured	Description
CAPS406	End Cap IP67



SILICONE



Injection Moulded connection IP68

Side Feed



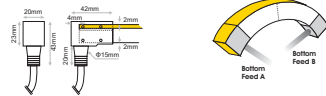
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS152	CONS666	CONS299	CONS626	Side Feed Left A connector IP68	L= 1m
CONS157	CONS668	CONS303	CONS628	Side Feed Left A connector IP68	L= 3m
CONS162	CONS670	CONS307	CONS630	Side Feed Left A connector IP68	L= 5m
CONS166	CONS672	CONS311	CONS632	Side Feed Left A connector IP68	L= 10m
CONS154	CONS730	CONS300	CONS722	Side Feed Right A connector IP68	L= 1m
CONS158	CONS732	CONS304	CONS724	Side Feed Right A connector IP68	L= 3m
CONS163	CONS734	CONS308	CONS726	Side Feed Right A connector IP68	L= 5m
CONS167	CONS736	CONS312	CONS728	Side Feed Right A connector IP68	L= 10m
CONS155	CONS667	CONS301	CONS627	Side Feed Left B connector IP68	L= 1m
CONS160	CONS669	CONS305	CONS629	Side Feed Left B connector IP68	L= 3m
CONS164	CONS671	CONS309	CONS631	Side Feed Left B connector IP68	L= 5m
CONS168	CONS673	CONS313	CONS633	Side Feed Left B connector IP68	L= 10m
CONS156	CONS731	CONS302	CONS723	Side Feed Right B connector IP68	L= 1m
CONS161	CONS733	CONS306	CONS725	Side Feed Right B connector IP68	L= 3m
CONS165	CONS735	CONS310	CONS727	Side Feed Right B connector IP68	L= 5m
CONS169	CONS737	CONS314	CONS729	Side Feed Right B connector IP68	L= 10m



Bottom Feed



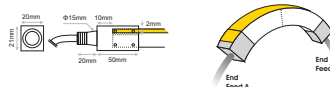
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS170	CONS674	CONS315	CONS634	Bottom Feed connector IP68	L= 1m
CONS153	CONS675	CONS316	CONS635	Bottom Feed connector IP68	L= 3m
CONS171	CONS676	CONS317	CONS636	Bottom Feed connector IP68	L= 5m
CONS172	CONS677	CONS318	CONS637	Bottom Feed connector IP68	L= 10m



End Feed



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS173	CONS678	CONS319	CONS638	End Feed connector IP68	L= 1m
CONS174	CONS679	CONS320	CONS639	End Feed connector IP68	L= 3m
CONS175	CONS680	CONS321	CONS640	End Feed connector IP68	L= 5m
CONS159	CONS681	CONS322	CONS641	End Feed connector IP68	L= 10m



End Cap



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
CAPS407	CAPS407	CAPS414	CAPS407	End Cap IP68



PROFILES

Surface



Code	Description
PRF.115	Aluminum Profile for TOP Milky LED 19x18mm Length: 2m



Code	Description
PRF.405	Plastic Profile for TOP Milky LED 19x21mm Length: 2m



Code	Description
PRF.410	Aluminum Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 2m



Code	Description
PRF.413	Aluminum Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 0.020m (20mm)

Aluminum & Plastic Surface



Code	Description
PRF.425	Aluminum & Plastic Profile for TOP Milky LED 20.8x23mm Length: 2m



Plastic Surface



Code	Description
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PRF.414 Plastic Profile for TOP Milky LED 20x23.5mm
Length: 2m

Recessed



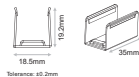
Code	Description
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PRF.426 Recessed Aluminium Profile for TOP Milky LED 28x21mm
Length: 2m



PRF.411 Recessed Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm
Length: 2m

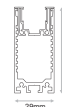
Holder



Code	Description
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PRH.105 Stainless Steel Profile for TOP Milky LED 18.5x19.2mm
Length: 0.035m

Surface / Pendant



Code	Description
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PRF.427 Surface/ Pendant Aluminium Profile for TOP Milky LED 29x62mm
Length: 2m



CAP.426 Front cap for PRF.427
CAP.427 End cap for PRF.427

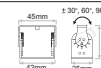


PRF.424 Inner aluminium profile for PRF.427

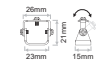


ACC.191 Ceiling Suspension 150cm
ACC.233 Ceiling Suspension 300cm

Extras



PRH.107 Stainless Steel Bracket 45x40 for surface Aluminium profiles



PRH.108 Stainless Steel Bracket 26x21 for surface Aluminium profiles



PRH.109 Aluminium L Holder 70x25 for surface Aluminium profiles



ACC.125 Scissor



Male and Female connectors available upon request.



All connectors are supplied with waterproof junction protection barrel.

MINI TOP MILKY LED



- MINI TOP Milky LED is fully encapsulated Horizontal or Vertical bending flexible linear LED.
- Available in PVC or Silicone.
- Monochromatic White LEDs available in CR80 and/or CR190.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap DIY IP67
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

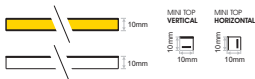
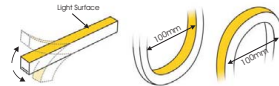
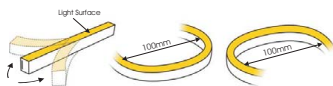
- **PVC:**
 - Monochromatic: 10m single supply/ 20m double supply
- **Silicone:**
 - Monochromatic: 15m single supply/ 30m double supply

Lighting management options:
On-Off/DALI(0..10V/1..10V/DMX512/PHASE CUT/R/R/F/PUSH BUTTON/Bluetooth



- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW



All connectors are supplied with waterproof junction protection barrel



MINI TOP MILKY LED

PVC



VERTICAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	** (°mm)
TV757	144	4.5W	20	2200K	80	43	24VDC	120°	88.3
TV758	144	4.5W	20	2700K	80	43	24VDC	120°	88.3
TV759	144	4.5W	20	3000K	80	45	24VDC	120°	88.3
TV760	144	4.5W	20	3500K	80	45	24VDC	120°	88.3
TV761	144	4.5W	20	4000K	80	45	24VDC	120°	88.3
TV762	144	4.5W	20	5700K	80	45	24VDC	120°	88.3
TV763	144	4.5W	20	2700K	90	43	24VDC	120°	88.3
TV764	144	4.5W	20	3000K	90	43	24VDC	120°	88.3
TV765	144	4.5W	20	3500K	90	43	24VDC	120°	88.3
TV793	144	4.5W	20	4000K	90	43	24VDC	120°	88.3
TV766	144	4.5W	20	RED	80	15	24VDC	120°	88.3
TV767	144	4.5W	20	GREEN	80	60	24VDC	120°	88.3
TV768	144	4.5W	20	BLUE	80	10	24VDC	120°	88.3
TV769	144	4.5W	20	AMBER	80	15	24VDC	120°	88.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the <- sign on the rear side of the modules

HORIZONTAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	** (°mm)
TV775	144	4.5W	20	2200K	80	43	24VDC	120°	88.3
TV776	144	4.5W	20	2700K	80	43	24VDC	120°	88.3
TV777	144	4.5W	20	3000K	80	45	24VDC	120°	88.3
TV778	144	4.5W	20	3500K	80	45	24VDC	120°	88.3
TV779	144	4.5W	20	4000K	80	45	24VDC	120°	88.3
TV780	144	4.5W	20	5700K	80	45	24VDC	120°	88.3
TV781	144	4.5W	20	2700K	90	43	24VDC	120°	88.3
TV782	144	4.5W	20	3000K	90	43	24VDC	120°	88.3
TV783	144	4.5W	20	3500K	90	43	24VDC	120°	88.3
TV794	144	4.5W	20	4000K	90	43	24VDC	120°	88.3
TV784	144	4.5W	20	RED	80	15	24VDC	120°	88.3
TV785	144	4.5W	20	GREEN	80	60	24VDC	120°	88.3
TV786	144	4.5W	20	BLUE	80	10	24VDC	120°	88.3
TV787	144	4.5W	20	AMBER	80	15	24VDC	120°	88.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the <- sign on the rear side of the modules





SILICONE



VERTICAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CC1*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam Angle ±10mm
TVS757	144	4.5W	20	2200K	80	60	24VDC	120°	88.3
TVS758	144	4.5W	20	2700K	80	62	24VDC	120°	88.3
TVS759	144	4.5W	20	3000K	80	65	24VDC	120°	88.3
TVS760	144	4.5W	20	3500K	80	67	24VDC	120°	88.3
TVS761	144	4.5W	20	4000K	80	67	24VDC	120°	88.3
TVS762	144	4.5W	20	5700K	80	67	24VDC	120°	88.3
TVS763	144	4.5W	20	2700K	90	55	24VDC	120°	88.3
TVS764	144	4.5W	20	3000K	90	55	24VDC	120°	88.3
TVS765	144	4.5W	20	3500K	90	55	24VDC	120°	88.3
TVS793	144	4.5W	20	4000K	90	55	24VDC	120°	88.3
TVS766	144	4.5W	20	RED	80	25	24VDC	120°	88.3
TVS767	144	4.5W	20	GREEN	80	66	24VDC	120°	88.3
TVS768	144	4.5W	20	BLUE	80	15	24VDC	120°	88.3
TVS769	144	4.5W	20	AMBER	80	25	24VDC	120°	88.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the \pm sign on the rear side of the modules.

HORIZONTAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CC1*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam Angle ±10mm
TVS775	144	4.5W	20	2200K	80	58	24VDC	120°	88.3
TVS776	144	4.5W	20	2700K	80	58	24VDC	120°	88.3
TVS777	144	4.5W	20	3000K	80	65	24VDC	120°	88.3
TVS778	144	4.5W	20	3500K	80	65	24VDC	120°	88.3
TVS779	144	4.5W	20	4000K	80	65	24VDC	120°	88.3
TVS780	144	4.5W	20	5700K	80	65	24VDC	120°	88.3
TVS781	144	4.5W	20	2700K	90	52	24VDC	120°	88.3
TVS782	144	4.5W	20	3000K	90	52	24VDC	120°	88.3
TVS783	144	4.5W	20	3500K	90	52	24VDC	120°	88.3
TVS794	144	4.5W	20	4000K	90	52	24VDC	120°	88.3
TVS784	144	4.5W	20	RED	80	15	24VDC	120°	88.3
TVS785	144	4.5W	20	GREEN	80	60	24VDC	120°	88.3
TVS786	144	4.5W	20	BLUE	80	10	24VDC	120°	88.3
TVS787	144	4.5W	20	AMBER	80	15	24VDC	120°	88.3

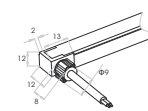
* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the \pm sign on the rear side of the modules.



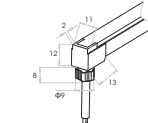
PVC

Injection Moulded connection IP65

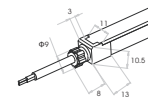
Side Feed	VERTICAL	HORIZONTAL	Description	Length
	Single Coloured	Single Coloured		
	CON.738	-	Side Feed Left A connector IP65	L= 1m
	CON.742	-	Side Feed Left A connector IP65	L= 3m
	CON.746	-	Side Feed Left A connector IP65	L= 5m
	CON.750	-	Side Feed Left A connector IP65	L= 10m
	CON.739	CON.762	Side Feed Right A connector IP65	L= 1m
	CON.743	CON.764	Side Feed Right A connector IP65	L= 3m
	CON.747	CON.766	Side Feed Right A connector IP65	L= 5m
	CON.751	CON.768	Side Feed Right A connector IP65	L= 10m
	CON.740	CON.763	Side Feed Left B connector IP65	L= 1m
	CON.744	CON.765	Side Feed Left B connector IP65	L= 3m
	CON.748	CON.767	Side Feed Left B connector IP65	L= 5m
	CON.752	CON.769	Side Feed Left B connector IP65	L= 10m
	CON.741	-	Side Feed Right B connector IP65	L= 1m
	CON.745	-	Side Feed Right B connector IP65	L= 3m
	CON.749	-	Side Feed Right B connector IP65	L= 5m
	CON.753	-	Side Feed Right B connector IP65	L= 10m



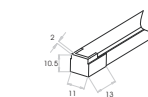
Bottom Feed	VERTICAL	HORIZONTAL	Description	Length
	Single Coloured	Single Coloured		
	CON.754	CON.770	Bottom Feed connector IP65	L= 1m
	CON.755	CON.771	Bottom Feed connector IP65	L= 3m
	CON.756	CON.772	Bottom Feed connector IP65	L= 5m
	CON.757	CON.773	Bottom Feed connector IP65	L= 10m



End Feed	VERTICAL	HORIZONTAL	Description	Length
	Single Coloured	Single Coloured		
	CON.758	CON.774	End Feed connector IP65	L= 1m
	CON.759	CON.775	End Feed connector IP65	L= 3m
	CON.760	CON.776	End Feed connector IP65	L= 5m
	CON.761	CON.777	End Feed connector IP65	L= 10m



End Cap	Single Coloured	Description
	CAP.428	End Cap IP65

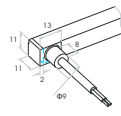


Injection Moulded connection IP67

Side Feed



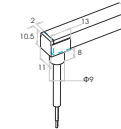
VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS778	-	Side Feed Left A connector IP67	L= 1m
CONS782	-	Side Feed Left A connector IP67	L= 3m
CONS786	-	Side Feed Left A connector IP67	L= 5m
CONS790	-	Side Feed Left A connector IP67	L= 10m
CONS779	CONS802	Side Feed Right A connector IP67	L= 1m
CONS783	CONS804	Side Feed Right A connector IP67	L= 3m
CONS787	CONS806	Side Feed Right A connector IP67	L= 5m
CONS791	CONS808	Side Feed Right A connector IP67	L= 10m
CONS780	CONS803	Side Feed Left B connector IP67	L= 1m
CONS784	CONS805	Side Feed Left B connector IP67	L= 3m
CONS788	CONS807	Side Feed Left B connector IP67	L= 5m
CONS792	CONS809	Side Feed Left B connector IP67	L= 10m
CONS781	-	Side Feed Right B connector IP67	L= 1m
CONS785	-	Side Feed Right B connector IP67	L= 3m
CONS789	-	Side Feed Right B connector IP67	L= 5m
CONS793	-	Side Feed Right B connector IP67	L= 10m



Bottom Feed



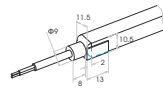
VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS794	CONS810	Bottom Feed connector IP67	L= 1m
CONS795	CONS811	Bottom Feed connector IP67	L= 3m
CONS796	CONS812	Bottom Feed connector IP67	L= 5m
CONS797	CONS813	Bottom Feed connector IP67	L= 10m



End Feed



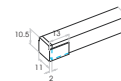
VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS798	CONS814	End Feed connector IP67	L= 1m
CONS799	CONS815	End Feed connector IP67	L= 3m
CONS800	CONS816	End Feed connector IP67	L= 5m
CONS801	CONS817	End Feed connector IP67	L= 10m



End Cap



Single Coloured	Description
CAPS429	End Cap IP67



SILICONE



PROFILES

Surface



Code	Description
PRF.428	Surface Aluminium profile for MINI TOP Milky LED 12x13.5mm Length: 2m



Code	Description
PRF.429	Surface Aluminium profile with elastic tape for MINI TOP Milky LED 13.8x14mm Length: 2m Also suitable for pendant installation.

Extras



Code	Description
PRH.107	Stainless Steel Bracket 45x40 for surface Aluminium profiles



Code	Description
PRH.108	Stainless Steel Bracket 26x21 for surface Aluminium profiles



Code	Description
PRH.109	Aluminium L Holder 70x25 for surface Aluminium profiles



Code	Description
ACC.191	CEILING Suspension 150cm
ACC.233	CEILING Suspension 300cm

Recessed



Code	Description
PRF.430	Recessed Aluminium profile for MINI TOP Milky LED 18x13.2mm Length: 2m



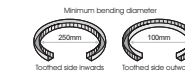
Code	Description
PRF.431	Recessed Aluminium profile with elastic tape for MINI TOP Milky LED 21.8x14mm Length: 2m

Bendable

Suitable only for TOP H Milky LED



Code	Description
PRF.432	Bendable Aluminium profile with elastic tape for MINI TOP Milky LED 13.8x14mm Length: 1m





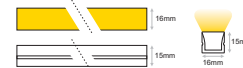
IKEBANA Restaurant, Athens, Greece
 Lighting Design: ASlight
 Photo: Gavril Papadatos



Flexible LEDs

BASELINE TWIST MILKY LED

- Baseline TWIST Milky LED is a fully encapsulated, both Vertical & Horizontal bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- L70B10 > 54000hrs
- Available in IP67 protection rate.
- CRI > 90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



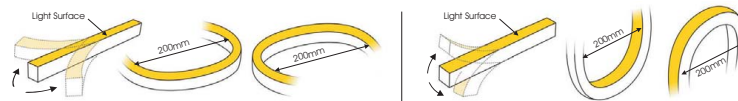
- Max connection length:
- Monochromatic: 5 meters single supply

Lighting management options:
 On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Chemical Resistant



Horizontal & Vertical bending





PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam Angle (°)	IP67
BSL.000	120	10W	5	2700K	>90	610	24VDC	120°	50	
BSL.001	120	10W	5	3000K	>90	618	24VDC	120°	50	
BSL.002	120	10W	5	3500K	>90	630	24VDC	120°	50	
BSL.003	120	10W	5	4000K	>90	650	24VDC	120°	50	
BSL.004	120	10W	5	5000K	>80	660	24VDC	120°	50	

* Please confirm with the >= sign on the rear side of the modules

Standard

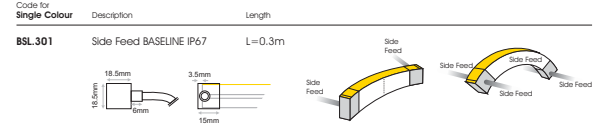
Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam Angle (°)	IP67
BSL.005	120	10W	5	2700K	>90	525	24VDC	120°	50	
BSL.006	120	10W	5	3000K	>90	533	24VDC	120°	50	
BSL.007	120	10W	5	3500K	>90	540	24VDC	120°	50	
BSL.008	120	10W	5	4000K	>90	555	24VDC	120°	50	
BSL.009	120	10W	5	5000K	>80	565	24VDC	120°	50	

* Please confirm with the >= sign on the rear side of the modules

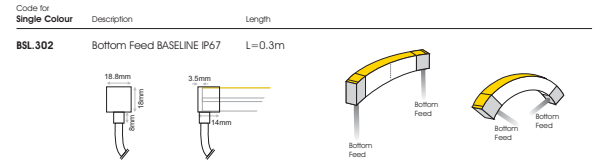


Connection IP67

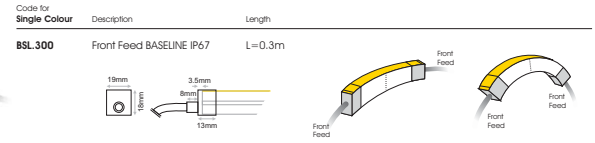
Side Feed



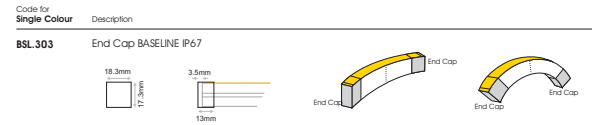
Bottom Feed



Front Feed



End Cap



Accessories

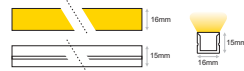
Code	Description
PRF.421	BASELINE Aluminium Profile 2m
PRH.088	Mounting Clips stainless steel 316 for BASELINE PRF.421



BASELINE V MILKY LED



- Baseline V Milky LED is a fully encapsulated Vertical bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- L70B10 > 54000hrs
- Available in IP67 protection rate.
- CRI > 90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



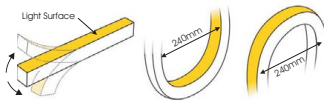
Max connection length:
 • Monochromatic: 17 meters single supply

Lighting management options:
 On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Chemical Resistant



Vertical bending



BASELINE V MILKY LED



PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)
BSL.010	120	10W	5	2700K	>90	500	24VDC	120°	50
BSL.011	120	10W	5	3000K	>90	510	24VDC	120°	50
BSL.012	120	10W	5	3500K	>90	515	24VDC	120°	50
BSL.013	120	10W	5	4000K	>90	530	24VDC	120°	50
BSL.014	120	10W	5	5300K	>80	540	24VDC	120°	50

* Please confirm with the κ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	* (mm)
BSL.015	120	10W	5	2700K	>90	420	24VDC	120°	50
BSL.016	120	10W	5	3000K	>90	430	24VDC	120°	50
BSL.017	120	10W	5	3500K	>90	435	24VDC	120°	50
BSL.018	120	10W	5	4000K	>90	450	24VDC	120°	50
BSL.019	120	10W	5	5300K	>80	460	24VDC	120°	50

* Please confirm with the κ sign on the rear side of the modules

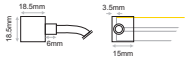



Connection IP67

Side Feed



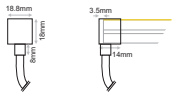
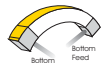
Code for Single Colour	Description	Length
BSL.301	Side Feed BASELINE IP67	L=0.3m

Bottom Feed



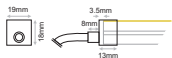
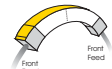
Code for Single Colour	Description	Length
BSL.302	Bottom Feed BASELINE IP67	L=0.3m

Front Feed




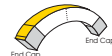
Code for Single Colour	Description	Length
BSL.300	Front Feed BASELINE IP67	L=0.3m

End Cap




Code for Single Colour	Description	Length
BSL.303	End Cap BASELINE IP67	L=0.3m

Accessories

Code	Description
PRF.421	BASELINE Aluminium Profile 2m
PRH.088	Mounting Clips stainless steel 316 for BASELINE PRF.421




- DOME Milky LED is available with Nichia SMD LEDs for Monochromatic & RGB, and is also available in standard LED RGB version.
- Available: Injection moulded IP67, Double Injection Moulded IP68, Snap DIY IP67.
- It is ideal for outdoor illumination on highlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 60 LEDs/m, 12W/m.

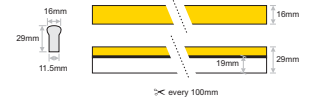
Lighting management options:
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- > Maximum connecting length: 10m (for longer lengths also use reverse supply connector)
- > Cutting units: Every 100mm (check cutting marks on product)



Dome Horizontal Bend **24VDC** **IP67 Injection Moulded** **IP68 Injection Moulded** **IP67 Snap Connection**

Constant Current technology



All connectors are supplied with waterproof junction protection barrel

LIGHTSOURCES BY **NICHIA**

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	✂️ (mm)
TV.467	60	12W	20	2200K	300	24VDC	120°	100
TV.468	60	12W	20	2500K	320	24VDC	120°	100
TV.469	60	12W	20	2700K	340	24VDC	120°	100
TV.795	60	12W	20	3000K	350	24VDC	120°	100
TV.470	60	12W	20	3500K	360	24VDC	120°	100
TV.444	60	12W	20	4000K	370	24VDC	120°	100
TV.471	60	12W	20	4500K	380	24VDC	120°	100
TV.447	60	12W	20	5000K	390	24VDC	120°	100

TV.475	60	12W	20	RGB	R: 46 G: 120 B: 21	24VDC	120°	100
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* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the < sign on the rear side of the modules

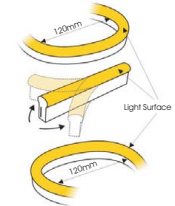
Standard RGB

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Voltage	Beam Angle	✂️ (mm)
TV.476	60	12W	20	RGB	R: 43 G: 110 B: 19	24VDC	120°	100

* Please confirm with the < sign on the rear side of the modules

FRAGILE

Only Bend Horizontally
Do not bend smaller than allowed minimum bend diameter.





Injection Moulded connection IP67

	Code for Single Colour	Code for RGB	Description	Length	
Side Feed	CON.323	CON.386	Side Feed A connector IP67	L= 1m	
	CON.325	CON.388	Side Feed A connector IP67	L= 3m	
	CON.327	CON.390	Side Feed A connector IP67	L= 5m	
	CON.329	CON.392	Side Feed A connector IP67	L= 10m	
	CON.324	CON.387	Side Feed B connector IP67	L= 1m	
	CON.326	CON.389	Side Feed B connector IP67	L= 3m	
	CON.328	CON.391	Side Feed B connector IP67	L= 5m	
	CON.330	CON.393	Side Feed B connector IP67	L= 10m	
	Bottom Feed	CON.331	CON.394	Bottom Feed connector IP67	L= 1m
		CON.332	CON.395	Bottom Feed connector IP67	L= 3m
CON.333		CON.396	Bottom Feed connector IP67	L= 5m	
CON.334		CON.397	Bottom Feed connector IP67	L= 10m	
End Feed		CON.335	CON.398	End Feed connector IP67	L= 1m
		CON.336	CON.399	End Feed connector IP67	L= 3m
	CON.337	CON.400	End Feed connector IP67	L= 5m	
	CON.338	CON.401	End Feed connector IP67	L= 10m	
End Cap	CAP416	CAP419	End Cap IP67		

Injection Moulded connection IP68

	Code for Single Colour	Code for RGB	Description	Length	
Side Feed	CON.334	CON.402	Side Feed A connector IP68	L= 1m	
	CON.341	CON.404	Side Feed A connector IP68	L= 3m	
	CON.343	CON.406	Side Feed A connector IP68	L= 5m	
	CON.345	CON.408	Side Feed A connector IP68	L= 10m	
	CON.340	CON.403	Side Feed B connector IP68	L= 1m	
	CON.342	CON.405	Side Feed B connector IP68	L= 3m	
	CON.344	CON.407	Side Feed B connector IP68	L= 5m	
	CON.346	CON.409	Side Feed B connector IP68	L= 10m	
	Bottom Feed	CON.347	CON.410	Bottom Feed connector IP68	L= 1m
		CON.348	CON.411	Bottom Feed connector IP68	L= 3m
CON.349		CON.412	Bottom Feed connector IP68	L= 5m	
CON.350		CON.413	Bottom Feed connector IP68	L= 10m	
End Feed		CON.351	CON.414	End Feed connector IP68	L= 1m
		CON.352	CON.415	End Feed connector IP68	L= 3m
	CON.353	CON.416	End Feed connector IP68	L= 5m	
	CON.354	CON.417	End Feed connector IP68	L= 10m	
End Cap	CAP418	CAP420	End Cap IP68		

Snap connection IP67

	Code for Single Colour	Code for RGB	Description	Length	
Side Feed	CON.370	CON.434	Side Feed Left A connector IP67	L= 1m	
	CON.371	CON.435	Side Feed Left A connector IP67	L= 3m	
	CON.372	CON.436	Side Feed Left A connector IP67	L= 5m	
	CON.373	CON.437	Side Feed Left A connector IP67	L= 10m	
	CON.378	CON.442	Side Feed Right A connector IP67	L= 1m	
	CON.379	CON.443	Side Feed Right A connector IP67	L= 3m	
	CON.380	CON.444	Side Feed Right A connector IP67	L= 5m	
	CON.381	CON.445	Side Feed Right A connector IP67	L= 10m	
	CON.374	CON.438	Side Feed Left B connector IP67	L= 1m	
	CON.376	CON.439	Side Feed Left B connector IP67	L= 3m	
CON.377	CON.441	Side Feed Left B connector IP67	L= 5m		
CON.382	CON.446	Side Feed Left B connector IP67	L= 10m		
CON.383	CON.447	Side Feed Right B connector IP67	L= 3m		
CON.384	CON.448	Side Feed Right B connector IP67	L= 5m		
CON.385	CON.449	Side Feed Right B connector IP67	L= 10m		
Bottom Feed	CON.362	CON.426	Bottom Feed A connector IP67	L= 1m	
	CON.363	CON.427	Bottom Feed A connector IP67	L= 3m	
	CON.364	CON.428	Bottom Feed A connector IP67	L= 5m	
	CON.365	CON.429	Bottom Feed A connector IP67	L= 10m	
	CON.366	CON.430	Bottom Feed B connector IP67	L= 1m	
	CON.367	CON.431	Bottom Feed B connector IP67	L= 3m	
	CON.368	CON.432	Bottom Feed B connector IP67	L= 5m	
	CON.369	CON.433	Bottom Feed B connector IP67	L= 10m	
	End Feed	CON.355	CON.418	End Feed A connector IP67	L= 1m
		CON.356	CON.419	End Feed A connector IP67	L= 3m
CON.357		CON.420	End Feed A connector IP67	L= 5m	
CON.270		CON.421	End Feed A connector IP67	L= 10m	
CON.358		CON.422	End Feed B connector IP67	L= 1m	
CON.359		CON.423	End Feed B connector IP67	L= 3m	
CON.360		CON.424	End Feed B connector IP67	L= 5m	
CON.361		CON.425	End Feed B connector IP67	L= 10m	
End Cap		CAP421	CAP422	End Cap A IP67	
		CAP415	CAP423	End Cap B IP67	



All connectors are supplied with waterproof junction protection barrel

Male and Female connector

ACC.125 Scissors for cutting Milky Top V



Profiles & Accessories for DOME Milky LED

	Code	Description
		PRF.069 Aluminium Profile for Milky DOME 13.8x22mm Length: 2m
		PRF.403 Aluminium Profile Lock for Milky DOME 16.2x25.6mm Length: 2m
		PRF.022 Aluminium Profile U TYPE for Milky DOME 16x30mm Length: 2m
		PRF.024 Aluminium Profile OMEGA for Milky DOME 16x30mm Length: 2m
		PRF.404 Recessed Aluminium Profile for Milky DOME 20.3x24mm Length: 2m
		PRF.401 Plastic profile for Milky DOME 14x24mm Length: 2m
		PRF.402 Bendable Stainless Steel profile for Milky DOME 13.2x24.5mm Length: 900mm




**FIBER
OPTICS**

METAL HALIDE LIGHT ENGINE



- Standard DMX512 signal control or Master/Slave control.
- Four DMX channels, 44 preset programs.
- Digital display.
- Dimmer / STROBE.
- Audio control.
- Twinkle effect.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed, CH3: Twinkle, CH4: Dimmer.

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.001 /150DMX	230VAC	CDM-T 150W	6000H	Φ30	L340×W320×H150	11,0



HALOGEN LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- Audio control.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.003 /100DMX	230VAC	12V 50/75/100W Halogen	3000H	Φ22	L246×W205×H125	4,0



IP43 LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- IP rating: IP43
- Stainless steel enclosure.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.004 /150DMX/IP43	230VAC	CDM-T 150W	6000H	Φ30	L335×W328×H190	10,7

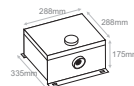


DMX LED 80W IP43 LIGHT ENGINE

- Standard aperture: (Φ28mm / Φ30mm)
- IP Rating: IP43

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminus Flux	Life of LED	Standard Aperture	IP
FOE.011	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm / Φ30mm	IP43

Accessories supplied with the engine

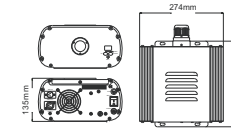


DMX LED 40W & 80W LIGHT ENGINES

- Standard aperture:
- FOE.006 (Φ28mm / Φ24mm / Φ20mm)
- FOE.010 (Φ28mm / Φ30mm)
- Gross Weight: 5.6Kg



Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminus Flux	Life of LED	Standard Aperture
FOE.006	50W	DMX or by Remote Control	6 colours	40W CREE LED	3500lm (6000K)	50000H	Φ28mm / Φ24mm / Φ20mm
FOE.010	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm / Φ30mm

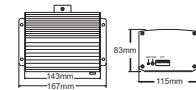


Accessories supplied with the engine



DMX LED 10W LIGHT ENGINE

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Life of LED	Standard Aperture
FOE.009	15W	DMX or by Remote Control	6 colours	10W LED	30000H	Φ11mm



Accessories supplied with the engine



ACCESSORIES

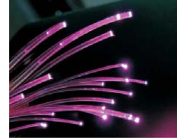
Code	Description
FOA.101	Fiber Optic Connector
FOA.102	Fiber Optic End Plug
FOA.103	Fiber Optic Channel
FOA.104	Fiber Optic Clip for FOP035 & FOP036
FOA.105	Hot Knife



SINGLE

- Single Fiber Optic

Code	Out.Diam(mm)	Length (feet)	Colour	Material
FOR001	0.5	6000m	Clear	PMMA
FOR002	0.75	2700m	Clear	PMMA
FOR003	1.0	1500m	Clear	PMMA
FOR004	1.5	700m	Clear	PMMA
FOR005	2.0	350m	Clear	PMMA
FOR006	2.5	250m	Clear	PMMA
FOR007	3.0	150m	Clear	PMMA



Fiber Optics 

SINGLE with BLACK PVC JACKET

- Single Fiber Optic with black PVC jacket

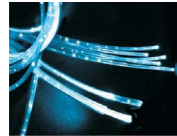
Code	Inner.Diam(mm)	Out.Diam(mm)	Length (feet)	Colour	Material
FOR008	0.75	1.5	5400m	Black	PMMA
FOR009	1.0	2.2	3000m	Black	PMMA
FOR010	1.5	3.5	1400m	Black	PMMA
FOR011	2.0	4.0	250m	Black	PMMA
FOR012	2.5	4.5	250m	Black	PMMA
FOR013	3.0	5.0	150m	Black	PMMA



SINGLE & MULTI SIDE EMITTING

- PMMA Side Spot Light Fiber Optic

Code	Strings	Out.Diam(mm)	Length (feet)	Colour	Material
FOR014	1x0.75	0.75	5400m*	Clear	PMMA
FOR015	1x1.20	1.2	5400m*	Clear	PMMA
FOR016	1x1.00	1	3000m**	Clear	PMMA
FOR017	1x1.60	1.6	3000m**	Clear	PMMA
FOR018	3x0.75	3.0	900m	Clear	PMMA
FOR019	3x1.00	3.5	750m	Clear	PMMA
FOR020	7x0.75	4.0	450m	Clear	PMMA



*FOR014 & FOR015 available also in 2700m

**FOR016 & FOR017 available also in 1500m

Fiber Optics 



MULTI-STRING END LIGHT

- PMMA Multi-String End Light Fiber Optic

Code	Strings	Out.Diam(mm)	Length (feet)*	Colour	Material
FOR021	7x0.75	3.8	30m	Black	PMMA
FOR022	25x0.75	7.0	30m	Black	PMMA
FOR023	50x0.75	9.4	30m	Black	PMMA
FOR024	75x0.75	10.5	30m	Black	PMMA
FOR025	100x0.75	12.0	30m	Black	PMMA
FOR026	126x0.75	13.0	30m	Black	PMMA

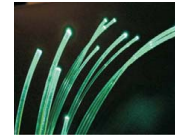
*Available also in 60m

MULTI-STRING SIDE LIGHT

- PMMA Multi-String Side Light Fiber Optic

Code	Strings	Out.Diam(mm)	Length (feet)*	Colour	Material
FOR027	3x14	8.6	30m	Clear	PMMA
FOR028	6x14	12.6	30m	Clear	PMMA
FOR029	9x14	15.8	30m	Clear	PMMA

*Available also in 60m



SOLID SIDE LIGHT

- Solid side light fiber optic

Code	Inner.Diam(mm)	Out.Diam(mm)	Length (feet)*	Colour	Material
FOR030	3	3	30m	Clear	PMMA
FOR031	6	6	30m	Clear	PMMA
FOR032	3	5	30m	Clear	PMMA
FOR033	6	8.8	30m	Clear	PMMA
FOR034	10.1	13	30m	Clear	PMMA
FOR035	11.1	14	30m	Clear	PMMA
FOR036	14.1	17.3	30m	Clear	PMMA

*Available also in 60m



SOLID END LIGHT

- Solid End Light Fiber Optic

Code	Inner.Diam(mm)	Out.Diam(mm)	Length (feet)*	Colour	Material
FOR037	3.0	5.0	30m	Black	PMMA
FOR038	6.0	8.6	30m	Black	PMMA
FOR039	11.0	14.0	30m	Black	PMMA
FOR040	14.0	17.3	30m	Black	PMMA

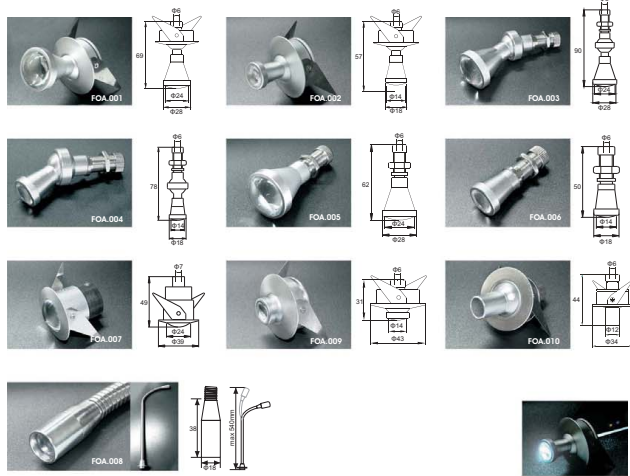
*Available also in 60m



CABINET END PIECE

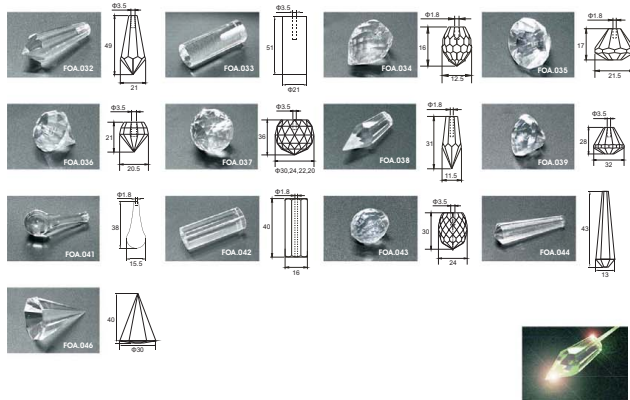
Fiber Optics 

Code
FOA.001
FOA.002
FOA.003
FOA.004
FOA.005
FOA.006
FOA.007
FOA.009
FOA.010
FOA.008



CRYSTAL END PIECE

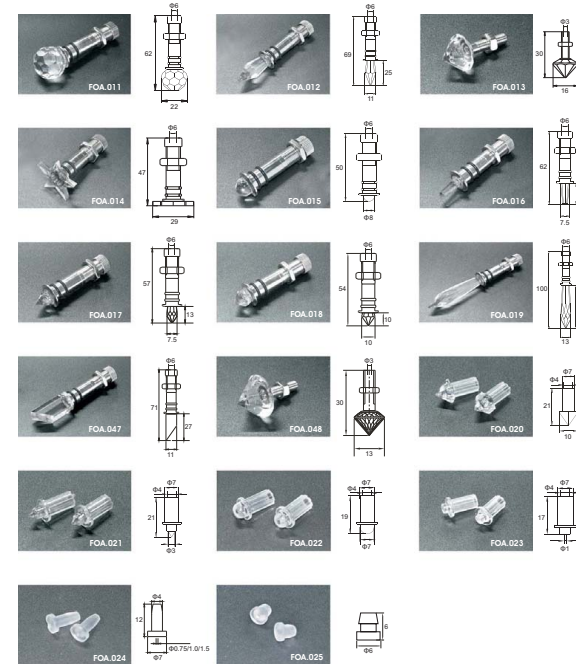
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FOA.033
FOA.034
FOA.035
FOA.036
FOA.037
FOA.038
FOA.039
FOA.041
FOA.042
FOA.043
FOA.044
FOA.046



Fiber Optics 

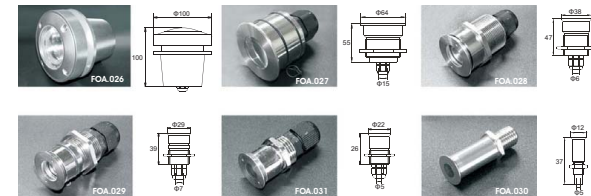
CEILING END PIECE

Code
FOA.011
FOA.012
FOA.013
FOA.014
FOA.015
FOA.016
FOA.017
FOA.018
FOA.019
FOA.047
FOA.048
FOA.020
FOA.021
FOA.022
FOA.023
FOA.024
FOA.025



BURIED END PIECE

Code
FOA.026
FOA.027
FOA.028
FOA.029
FOA.030
FOA.031



FIBER OPTIC KIT / 5mm

Fiber Optics 



Code	Model	No. of Fiber Optics	Watt	Diameter	Length	
LEF003	FRP006	32	50W Halogen	5mm	8pcs.x0.80m, 6pcs.x1.20m, 6pcs.x1.80m, 6pcs.x2.20m, 6pcs.x2.50m	230VAC CONTROL BY DMX

Accessories



LAMPS & MORE

REFIT MODULE 10 IP44

Lamps and More 

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90/B10 50.000h
- 3SDCM
- IP44 (face only)



LIGHTSOURCE BY
bridgelux. IP44

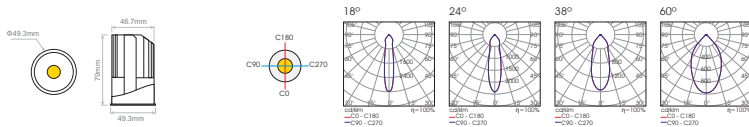
Model	LED Power	CCT*	C180, C190 LED Source	Beam Angle	Colour**	Dimming Option	Extra
REFIT MODULE <i>(REFIT M)</i>	10.3W <i>(10)</i>	2700K <i>(278)</i> 3000K <i>(308)</i> 4000K <i>(408)</i>	80 <i>(80)</i> 90 <i>(90)</i>	18° <i>(18)</i>	White <i>(WH)</i>	Without Driver <i>(00)</i>	No Extras <i>(00)</i>
				24° <i>(24)</i>	Black <i>(BL)</i>	Non Dimmable <i>(ND)</i>	Emergency <i>(01)</i>
				38° <i>(38)</i>	Analogue (1-10V) <i>(A1)</i>	DMX <i>(DX)</i>	
				60° <i>(60)</i>	DALI <i>(DL)</i>	Push Button <i>(PB)</i>	
					Phase Cut <i>(PC)</i>	Wireless*** <i>(WL)</i>	


* CCT: 3500K, 5000K, 6500K available upon request.

** Other RAL colours available upon request.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFIT M10-308-80-24-WH-ND-00



Lamps and More 

REFIT MODULE 6 IP44

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90/B10 50.000h
- 3SDCM
- IP44 (face only)



LIGHTSOURCE BY
bridgelux. IP44

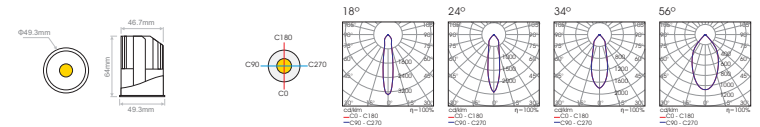
Model	LED Power	CCT*	C180, C190 LED Source	Beam Angle	Colour**	Dimming Option	Extra
REFIT MODULE <i>(REFIT M)</i>	6.1W <i>(6)</i>	2700K <i>(278)</i> 3000K <i>(308)</i> 4000K <i>(408)</i>	80 <i>(80)</i> 90 <i>(90)</i>	18° <i>(18)</i>	White <i>(WH)</i>	Without Driver <i>(00)</i>	No Extras <i>(00)</i>
				24° <i>(24)</i>	Black <i>(BL)</i>	Non Dimmable <i>(ND)</i>	Emergency <i>(01)</i>
				34° <i>(34)</i>	Analogue (1-10V) <i>(A1)</i>	DMX <i>(DX)</i>	
				56° <i>(56)</i>	DALI <i>(DL)</i>	Push Button <i>(PB)</i>	
					Phase Cut <i>(PC)</i>	Wireless*** <i>(WL)</i>	

* CCT: 3500K, 5000K, 6500K available upon request.


** Other RAL colours available upon request.

*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFIT M6-308-80-24-WH-ND-00



REFIT WD 6 IP44

Lamps and More 

- LED module ideal for most GU10/R16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with dimming options flexible for different project requirements.
- L90(B1) 50.000h
- 3 SDCM
- IP44 (face only)



Warm Dimming
1800K to 3000K

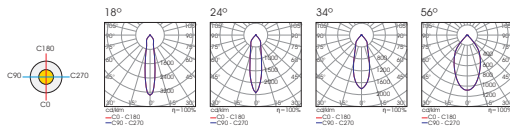
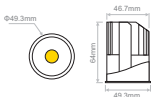
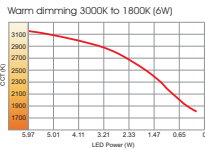
LIGHTSOURCE BY
bridgelux. 


Model	LED Power	CCT	CR95 LED Source	Beam Angle	Colour*	Dimming Option	Extra
			95 (95)				
REFIT MODULE WD <i>(REFIT M WD)</i>	6.1W (6)	1800K-3000K <i>(1830B)</i>	518lm	18° (18) 24° (24) 34° (34) 56° (56)	White (WH) Black (BL)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless* (WL)	No Extras (00) Emergency (01)

* Other RAL colours available upon request.

** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFIT M WD6-1830B-95-24-WH-DL-00



 Lamps and More

GU10 LED LAMPS SORAA



WORKS WITH
SORAA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CR1	Beam Angle	Luminous Flux	Snap Compatible
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SORAA Brilliant HL 2700K /7,5W

Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	10°	620lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	25°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	36°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	60°	650lm	NO

SORAA Brilliant HL 2700K /9,5W

Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	25°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	36°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	60°	720lm	NO


SORAA Brilliant HL 3000K /7,5W

Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	10°	640lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	25°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	36°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	60°	660lm	NO

SORAA Brilliant HL 3000K /9,5W

Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	25°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	36°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	60°	730lm	NO


GU10 LED LAMPS SORAA

Lamps and More 

WORKS WITH
SORAA



Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminus Flux	Snap Compatible
SORAA Vivid 2700K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	10°	390lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	25°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	36°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	60°	410lm	NO
SORAA Vivid 2700K /9,5W								
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	25°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	36°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	60°	465lm	NO
SORAA Vivid 3000K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	10°	410lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	25°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	36°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	60°	435lm	NO
SORAA Vivid 3000K /9,5W								
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	25°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	36°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	60°	490lm	NO
Soraa Vivid 4000K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	10°	430lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	25°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	36°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	60°	455lm	NO

 Lamps and More

Snap System LED Accessories SORAA

WORKS WITH
SORAA



	Spreader Snap Accessory	Beam
	Beam Spreader Snap	17°
	Beam Spreader Snap	25°
	Beam Spreader Snap	36°
	Beam Spreader Snap	60°
	Linear Snap Accessory	Beam
	Linear Snap	10°-25°
	Linear Snap	10°-36°
	Linear Snap	10°-60°
	Flat to Snap Accessory	Beam
	Flat to Snap	25°-25°
	Flat to Snap	36°-36°
	Louver Snap Accessory	Cutoff Angle
	Louver Snap	40°
	Aimable Snap Accessory	
	Aim Lens Snap	
	CCT Shifter Snap Accessory	
	CCT Shifter Snap	1/4
	CCT Shifter Snap	1/2
	CCT Shifter Snap	3/4
	Clear Snap Accessory	
	Clear Snap	Use this with Gel and Dichroic filter
	Enhance Accessory	
	Enhance	Color -enhancing filter to modify the spectrum of Soraa Vivid lamps

GU10 LED LAMPS SYLVANIA

Lamps and More 



SYLVANIA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminous Flux
RefLED Superia Retro ES50 Dimmable Supercolor							
RefLED Retro Superia ES50	GU10	5W	220-240VAC	2700K	90	36°	405lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	90	36°	405lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	90	36°	405lm

RefLED Superia Retro ES50 Dimmable

RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	2700K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	3000K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	4000K	80	36°	360lm
RefLED Retro Superia ES50	GU10	4.5W	220-240VAC	6500K	80	36°	360lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	3000K	80	36°	550lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	4000K	80	36°	580lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	6500K	80	36°	580lm

RefLED Superia Retro ES50

RefLED Retro Superia ES50	GU10	4W	220-240VAC	2700K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4W	220-240VAC	3000K	80	36°	345lm
RefLED Retro Superia ES50	GU10	4W	220-240VAC	4000K	80	36°	360lm
RefLED Retro Superia ES50	GU10	4W	220-240VAC	6500K	80	36°	360lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Retro Superia ES50	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	3000K	80	36°	600lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	4000K	80	36°	620lm
RefLED Retro Superia ES50	GU10	6W	220-240VAC	6500K	80	36°	620lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	2700K	80	36°	700lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	3000K	80	36°	700lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	4000K	80	36°	750lm
RefLED Retro Superia ES50	GU10	7.3W	220-240VAC	6500K	80	36°	750lm

Lamps and More 



SYLVANIA

Description	Lamp Holder	Watt	Voltage	CCT	CRI	Beam Angle	Luminous Flux
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RefLED Superia Retro MR16 Dimmable

RefLED Retro Superia MR16	GU5.3	4.4W	12V	2700K	80	36°	345lm
RefLED Retro Superia MR16	GU5.3	4.4W	12V	3000K	80	36°	345lm
RefLED Retro Superia MR16	GU5.3	4.4W	12V	4000K	80	36°	380lm
RefLED Retro Superia MR16	GU5.3	4.4W	12V	6500K	80	36°	380lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	2700K	80	36°	460lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	3000K	80	36°	460lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	4000K	80	36°	480lm
RefLED Retro Superia MR16	GU5.3	5.8W	12V	6500K	80	36°	480lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	2700K	80	36°	621lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	3000K	80	36°	621lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	4000K	80	36°	621lm
RefLED Retro Superia MR16	GU5.3	7.5W	12V	6500K	80	36°	621lm

RefLED Retro MR16

RefLED Retro MR16	GU5.3	4.3W	12V	2700K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.3W	12V	3000K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.3W	12V	4000K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.3W	12V	6500K	80	36°	345lm
RefLED Retro MR16	GU5.3	4.6W	12V	3000K	80	36°	425lm
RefLED Retro MR16	GU5.3	4.6W	12V	4000K	80	36°	425lm
RefLED Retro MR16	GU5.3	4.6W	12V	6500K	80	36°	425lm
RefLED Retro MR16	GU5.3	6W	12V	3000K	80	36°	600lm
RefLED Retro MR16	GU5.3	6W	12V	4000K	80	36°	621lm
RefLED Retro MR16	GU5.3	6W	12V	6500K	80	36°	621lm

T8/T5 LED LAMPS SYLVANIA

Lamps and More 

SYLVANIA



Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Luminous Flux	Length	Lamp Finish
ToLEDo Superia T8 Universal								
ToLEDo Superia T8 Universal	G13	7.5W	220-240VAC	4000K	80	1100lm	60.4cm	Frosted
ToLEDo Superia T8 Universal	G13	16W	220-240VAC	4000K	80	2400lm	121.4cm	Frosted
ToLEDo Superia T8 Universal	G13	16W	220-240VAC	6500K	80	2400lm	121.4cm	Frosted
ToLEDo Superia T8 Universal	G13	23W	220-240VAC	4000K	80	3600lm	151.4cm	Frosted
ToLEDo Superia T8 Universal	G13	23W	220-240VAC	6500K	80	3600lm	151.4cm	Frosted

ToLEDo T8 Universal


ToLEDo Superia T8	G13	18W	220-240VAC	4000K	80	2000lm	121.4cm	Frosted
ToLEDo Superia T8	G13	23W	220-240VAC	4000K	80	2800lm	151.4cm	Frosted

ToLEDo Superia T8 CCG & AC

ToLEDo Superia T8 CCG & AC	G13	15W	220-240VAC	4000K	80	2550lm	121.2cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	18W	220-240VAC	4000K	80	3100lm	121.2cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	18W	220-240VAC	6500K	80	3100lm	121.2cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	4000K	80	3700lm	151.3cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	3000K	80	3850lm	151.3cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	4000K	80	4100lm	151.3cm	Frosted
ToLEDo Superia T8 CCG & AC	G13	24W	220-240VAC	6500K	80	4100lm	151.3cm	Frosted

ToLEDo Superia T5 AC

ToLEDo Superia T5 AC	G13	16W	220-240VAC	4000K	80	2400lm	114.9cm	Frosted
ToLEDo Superia T5 AC	G13	26W	220-240VAC	4000K	80	3900lm	114.9cm	Frosted
ToLEDo Superia T5 AC	G13	18.5W	220-240VAC	4000K	80	2800lm	144.9cm	Frosted
ToLEDo Superia T5 AC	G13	26W	220-240VAC	4000K	80	3900lm	144.9cm	Frosted

Lamps and More 

GLS/CANDLE LED LAMPS SYLVANIA

SYLVANIA



Description	Lamp Holder	Watt	Voltage	CCT	CRI	Luminous Flux	Finish
ToLEDo Retro GLS Dimmable							
ToLEDo RT GLS Dimmable	B22	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Clear
ToLEDo RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	2700K	80	1059lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	4000K	80	1059lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	6500K	80	1059lm	Satin
ToLEDo RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Satin
ToLEDo RT GLS Dimmable	B22	11.2W	220-240VAC	2700K	80	1521lm	Satin

ToLEDo Retro GLS

ToLEDo RT GLS	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT GLS	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT GLS	E27	4.5W	220-240VAC	4000K	80	470lm	Clear
ToLEDo RT GLS	E27	6W	220-240VAC	2700K	80	640lm	Clear
ToLEDo RT GLS	B22	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS	E27	7W	220-240VAC	4000K	80	806lm	Clear
ToLEDo RT GLS	E27	8W	220-240VAC	2700K	80	1059lm	Clear
ToLEDo RT GLS	E27	8W	220-240VAC	4000K	80	1059lm	Clear
ToLEDo RT GLS	E27	11W	220-240VAC	2700K	80	1521lm	Clear

ToLEDo Retro Candle Dimmable

ToLEDo RT Candle Dimmable	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Satin
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	4000K	80	470lm	Satin
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	6500K	80	470lm	Satin

ToLEDo Retro Candle

ToLEDo RT Candle	B22	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLEDo RT Candle	E14	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLEDo RT Candle	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E14	6W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT Candle	E27	6W	220-240VAC	2700K	80	806lm	Clear

HOMOGENEOUS 5VDC

Lamps and More 



Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Code	Description	No.LED	Colour	Lamp Holder	Watt	Voltage	Diameter	Beam Angle
LED.301 /CC	HOMOGENEOUS 5W	1	IRGB	CABLE	5W	5VDC	51mm	45°

LED MODULE RGB

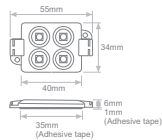
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Ideal for backlighting plexiglass and other special constructions.
- Reduced maintenance costs.
- Bright, diffuse light and saturated colours.
- Outdoor installation IP65.
- Adhesive tape at the rear side of the module.
- SMD LEDs.
- Sold in chain of 20 pcs.


Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



Code*	No.LED	Colour	Watt	Dimensions	Voltage	Beam Angle	IP
LEM.012 /CA	4 (RGB in one chip)	RGB	1.3W	55x7x34mm	12VDC	120°	IP65

*Note: CA=Common Anode



Lamps and More 

LED MODULE Samsung

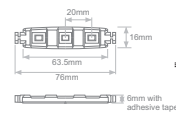
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- Adhesive tape at the rear side of the module.
- Standard chain of 50 modules.

Lighting management options:
On-Off/DALI(0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth




Code	No.LED	Watt	Dimensions	CCT*	CRI	Luminus FLUX (LM)	Lumen Efficacy	Voltage	Beam Angle	IP
LEM.015	3	1.2W	76x16x6mm	2700K	CR80+	110 lm	91 lm/W	12VDC	120°	IP67
LEM.014	3	1.2W	76x16x6mm	3000K	CR80+	115 lm	95 lm/W	12VDC	120°	IP67
LEM.013	3	1.2W	76x16x6mm	4000K	CR80+	120 lm	100 lm/W	12VDC	120°	IP67
LEM.008	3	1.2W	76x16x6mm	5000K	CR80+	125 lm	104 lm/W	12VDC	120°	IP67

* Available also in 6000K upon request.



CHAIN WASH

LED Module 20°x70°

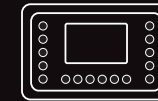
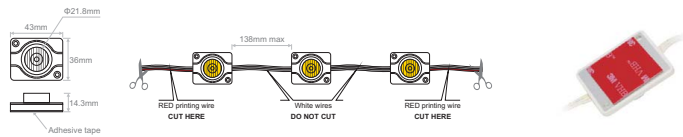
Lamps and More 

- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Adhesive tapes at the rear side of the module.
- Standard chain of 21 LED modules (7 sets of 3 modules).
- Cutting every 3 LED modules (on indicative RED cable parts only).

Lighting management options:
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/Rf/PUSH BUTTON/Bluetooth



Code	3-Module Chain	Watt	CCT	CRI	Voltage	Beam Angle	IP
LEM.020	3	3x2.7W	3000K	CR180	12VDC	20°x70°	IP65
LEM.021	3	3x2.7W	4000K	CR180	12VDC	20°x70°	IP65
LEM.022	3	3x2.7W	6500K	CR180	12VDC	20°x70°	IP65




LIGHTING MANAGEMENT POWER SUPPLIES & CONTROLLERS



ARLIC

Architectural Lighting Management System

Lighting Management, Power Supplies & Controllers 

Designed & Manufactured
by ELECTRON SA



ARLIC architectural lighting system capable of managing the lighting needs of medium and multi purpose venues, but also flexible enough to cover the needs of a smaller space where the cost of installation is crucial, yet providing the features of a large system.

ARLIC system consists of:

- Control panels of 6 or 18 scenarios.
- 8 analogue input interface.
- 4 mains voltage (230VAC) input interface.
- Infrared remote control.
- Lighting programmer.

ARLIC system can control up to 32 scenarios each. Each scenario can be a scene with programmable fade in-out, or a chaser with programmable rate and fade.

By using the 8 analogue input interface it is possible to connect to the system other control panels such as 0-10V, 1-10V, rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts. By using the 4 mains voltage (230VAC) input interface it is possible to connect to the system common motion detectors, wall mounted switches (230VAC), as well as to have mains voltage monitoring for emergency functions.

The scenario selection buttons of all the system control panels are programmable. Any scenario can be activated from the desired button. Also, the buttons of each control panel can be grouped and function in different ways of scenario selection. The control panels can, optionally, have an IR receiver so as to accept commands from the system's IR remote control. With the remote control there is the possibility of controlling up to 18 scenarios.

The architectural lighting controller manages all the commands that are sent by the control panels and interfaces. It activates the lighting scenarios and scheduled events and it transfers them to the 512 channels of the DMX-512 output. By this way, any DMX device can be connected to the ARLIC system. The architectural lighting controller is also equipped with a DMX-512 input with an incorporated merger. From the DMX-512 input and by using a DMX control desk, it is possible to control the illumination of spaces with capability of de-activating (Blocking) selected control panels.

An Emergency Scenario for each zone can be automatically activated when the ARLIC system detects power failure and activation of the electric generator, avoiding this way network overload. Also, a Panic Scenario for each zone can be activated from an external emergency heavy duty push button for lighting all areas in special cases.

The ARLIC system network (ARLICnet) is based on the Controller Area Network (CAN) protocol which is a real-time, serial, broadcast protocol with a very high level of security.

In ARLICnet there can be up to 96 Nodes of control panels and interfaces, while it is divided in 6 Segments which are connected by the repeaters.

The topology of ARLICnet can be Linear, Star, Tree, Ring or a combination of those.

Lighting Management, Power Supplies & Controllers 

ARLIC

Architectural Lighting Management System

Ideal in small installations or in applications where cost is a crucial factor, control panels of 6 or 18 scenarios with incorporated DMX output can be used.

The ARLIC lighting control system can manage up to 60 DMX channels, while it is also possible that the control panels have an IR receiver for the IR remote control ARS.004.

The ARLIC can control up to 32 scenarios and can support up to 48 nodes (16 control panels ARS.009/010/011/012, 16 analogue interfaces ARS.002 and 16 high voltage interfaces ARS.001). Also emergency lighting conditions are supported by the system.

ARLIC Controllers



ARS.013 WHITE

ARS.013 BLACK

ARS.023 WHITE

ARS.013
Control panel and controller with 6 scenarios and DMX output.

ARS.014
Control panel and controller with 6 scenarios, infrared receiver and DMX output.

ARS.023
Wall mounted control panel and controller with 6 scenarios and DMX output.

ARS.024
Wall mounted control panel and controller with 6 scenarios, infrared receiver and DMX output.



ARS.015 WHITE

ARS.015 BLACK

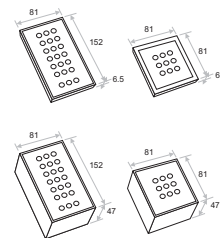
ARS.025 WHITE

ARS.015
Control panel and controller with 18 scenarios and DMX output.

ARS.016
Control panel and controller with 18 scenarios, infrared receiver and DMX output.

ARS.025
Wall mounted control panel and controller with 18 scenarios and DMX output.

ARS.026
Wall mounted control panel and controller with 18 scenarios, infrared receiver and DMX output.



ARLIC system:

- Advanced lighting control system.
- Perfect lighting solutions.
- User friendly.



CONTROL PANELS of 6 & 18 Scenarios for ARLIC

Designed & Manufactured
by ELECTRON SA

- Control panels of 6 and 18 scenarios.
- IR receiver (optional).
- Programmable buttons.
- Button grouping.
- Multiple button operation modes.
- Up and down dimming buttons.
- Monitor LEDs for active scenarios.
- Status backup on power failure.
- DMX-512 output for stand alone operation.
- ARLICnet port.
- Variety of colours.



ARS.009 WHITE ARS.009 BLACK ARS.027 WHITE

ARS.009
Control panel with 6 scenarios.

ARS.010
Control panel with 6 scenarios and infrared receiver.

ARS.027
Wall mounted control panel with 6 scenarios.

ARS.028
Wall mounted control panel with 6 scenarios and infrared receiver.



ARS.011 WHITE ARS.011 BLACK ARS.029 WHITE

ARS.011
Control panel with 18 scenarios.

ARS.012
Control panel with 18 scenarios and infrared receiver.

ARS.029
Wall mounted control panel with 18 scenarios.

ARS.030
Wall mounted control panel with 18 scenarios and infrared receiver.

- Standard colours for frames and panels are BLACK or WHITE.
- Other colours of frame and panels: GREY, IVORY, STAINLESS STEEL, ANTHRACITE or ALUMINIUM are available at extra cost.



Lighting Management, Power Supplies & Controllers

Lighting Management, Power Supplies & Controllers

ARLIC Accessories

Designed & Manufactured
by ELECTRON SA

Analogue interface

ARS.002 for ARLIC



- 8 programmable analogue inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The analogue inputs can be used to connect 0-10V control panels, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts.

High voltage interface

ARS.001 for ARLIC



- 4 programmable H.V. (230VAC) inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The inputs can be used to connect common motion detectors, wall mounted switches or buttons (230VAC), while it is possible to have mains voltage monitoring for emergency functions.

IR remote control

ARS.004 for ARLIC



- Remote control of 18 scenarios.
- Selection of active zones.*
- Up and down dimming buttons.
- Long effective range.
- No command conflict between zones.*
- Each zone can have its own remote control.*
- OFF button.

*Not available functions in the MINI ARLIC system.

Programmer

ARS.008 for ARLIC



- ARLIC system configuration.
- System devices setup.
- Scenario programming.
- Events programming.
- Emergency and panic programming.
- USB port for backup on memory stick.
- ARLICnet port.

Accessories for ARLIC



ARS.017
1-10V electronic rheostat



ARS.018
Wall motion detector



ARS.019
Ceiling motion detector



ARS.020
Presence detector



ARS.021
RJ45 ARLIC net socket



ARS.022
Wall mounted
RJ45 ARLIC net socket



ARS.003
ARLIC net repeater



ARC.004
Recessed wall box for
1 gang control panels.
Supplied for the control
panels if needed.



ARC.005
Recessed wall box for
2 gang control panels.
Supplied for the control
panels if needed.




ARC.006
Plasterboard box for
1 gang control panels.
Supplied for the control
panels if needed.



ARC.007
Plasterboard box for
2 gang control panels.
Supplied for the control
panels if needed.

DMR.730 TRAILING EDGE Dimmer

Lighting Management, Power Supplies & Controllers 

Designed & Manufactured
by ELECTION SA



SMRD Technology

**DMR.730
FLICKER FREE TRAILING EDGE DIMMER**
Unaffected from mains fluctuations

Specially designed for
dimming 230VAC LED lamps.

The only dimmer which
achieves stable output voltage,
unaffected from mains fluctuations.

Output remains stable
even at 230VAC, in power supply
voltage range from 173VAC to 265VAC.

Mains fluctuation immunity

The light intensity adjustment in a common flicker free dimmer is usually based on IGBTs (Insulated Gate Bipolar Transistor). These dimmers have the ability to vary the conduction angle of the power supply sinusoidal voltage so that regulation of brightness variation of the lamp(s) is achieved. When IGBT is in conduction state it acts as a switch, and consequently the supply voltage is conducted at the dimmer's output. This means that any fluctuation in the mains voltage is conducted to the lamps and the result is the variation of the lamps' luminosity. Thus, these dimmers are flicker-free concerning their electronic circuit, but the lamps are flickering because of the dimmer's weakness to control the fluctuations of the mains system.

The new SMRD (Switch Mode Regulated Dimmer) technology monitors the mains voltage and stabilizes the output voltage so that this remains stable and unaffected from the network's fluctuations, thus results in the stability of the lamp(s) brightness.



Output curve of a common trailing edge flicker free dimmer



When the IGBT is in conduction, the dimmer's peak voltage (green curve) is about the same with the mains peak voltage (red curve). Consequently, the voltage that is conducted to the lamp(s) is proportional to the mains' fluctuations.

Output curve of a Trailing edge SMR Dimmer



The peak voltage of the SMR Dimmer (green curve), is stable irrespectively of the mains peak voltage (red curve). The amplitude of the mains' fluctuation could be from 173V to 265V.

 Lighting Management, Power Supplies & Controllers

DMR.730 TRAILING EDGE Dimmer

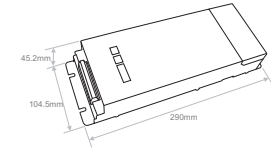
True output regulation

Some dimmers available in the market achieve voltage stabilization by regulating the conduction angle. With this method the RMS voltage can remain stable, however there are three disadvantages:

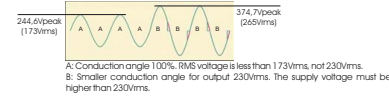
- 1) Mains voltage must be always higher than the output voltage.
- 2) By changing the conduction angle, brightness is affected because the LED Lamp(s) luminosity regulation is depended on the conduction angle of the dimmer.
- 3) When the dimmer is on at full (conduction angle 100%), there is no possibility to further increase the conduction angle in case of a voltage drop from the network.

SMR technology maintains the output voltage stable with no need of higher mains voltage and without changing the conduction angle. This means that even if the dimmer is at 100%, the output remains at full (230V) in power supply voltage range from 173V to 265V.

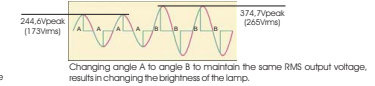
SMRD Technology



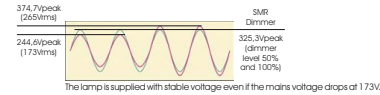
Failure of RMS output voltage stabilization, by changing the conduction angle, when the dimmer is at full (100%).



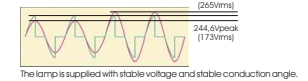
Stabilization of RMS output voltage by changing the conduction angle.



Stabilization of output voltage at 100% of the SMR dimmer



Stabilization of output voltage at 50% of the SMR dimmer without changing the conduction angle



More features of the SMR Dimmer:

Power Factor

LED lamps but also CFLs (Compact Fluorescent Lamps) are usually loads with low power factor (cosφ=0.55-0.75). Independently from the lamps' power factor, the new SMR dimmer consumes energy with power factor > 0.98 (for output level 100%), without affecting the network.

Lamp protection

Due to the special electronic circuits and stabilization the output voltage is always steady and free from spikes and over-voltages protecting the lamps even from complete failure.

Dimming law correction

With the use of two trimmers the dead fields, that usually LED and fluorescent lamps have, are eliminated. The first trimmer is used for the minimum and the other one for the maximum brightness of the lamp. In this way the controller works correctly when adjusting the lamps' brightness.

Master Slave operation

The new SMR dimmer can work as master, controlling multiple SMR dimmers connected at its DMX output. With this feature, as many SMR dimmers as the user likes can be controlled from one controller.

CFL ignition

CFLs (Compact Fluorescent Lamps) in order to ignite need operating voltage of more than approximately 50%. Thus, in order to turn on a CFL at 30% for example, the user should first adjust the dimmer over 50% and afterwards dim it at 30%. The new SMR dimmer is capable of providing a pulse of 100% of the output voltage, for 1sec automatically, in case we need to turn on the lamps at percentages less than 50%.

Control inputs


The new SMR dimmer incorporates both DMX-512 and analogue inputs. At the analogue input the user can connect 0/10V, or 1/10V, or rheostat 100kΩ, or button for ON - OFF and dimming, or UP/DOWN button for ON - OFF and dimming.

PWM signal output

The new SMR dimmer incorporates PWM signal output, providing the capability of driving constant voltage and constant current converters of ELECTION SA. Thus, with one controller the user can control multiple types of lighting fixtures.

DMR.731

TRAILING EDGE Dimmer

Lighting Management, Power Supplies & Controllers 

Designed & Manufactured
by ELECTRON SA



DMR.731

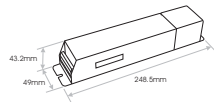
FLICKER FREE TRAILING EDGE DIMMER

Economic solution for controlling:

- Dimmable LEDs 230V.
- Dimmable CFLs .
- Trailing edge dimmable Electronic Transformers.

- Handles great inrush currents.
- Lamps connected up to 350W.
- Dimming Low Correction eliminating dead fields of the lamps.
- Master - Slave operation for controlling multiple Dimmers with one controller.
- CFL ignition.
- DMX-512 input.
- Analogue input (0/1.0V, 1/1.0V, rheostat 100Klog, button, UP/DOWN button).
- PWM signal output can drive ELECTRON SA constant voltage and constant current converters.

Output power 350W
Controlled by IGBT



 Lighting Management, Power Supplies & Controllers

DIN RAIL

TRAILING EDGE Dimmers

DMR.732, DMR.733, DMR.734, DMR.735, DMR.736

Economic solution for controlling:

- Dimmable LEDs 230V
- Dimmable CFLs
- Dimmable Electronic transformers

Features

- Supports "Aller Retour" between Push Button(s) & 1/10V or Wireless or DMX-512 or DALI (except DMR.736).
- Adjustable minimum level.
- Easily fastened to DIN (EN 60715) RAIL.
- Over temperature protection .

Designed & Manufactured
by ELECTRON SA



Code	Power Supply	Power Output	Output Current	Dimming Resolution	Dimming Method	Output Channels	Control
DMR.732	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	1-10V, Push Button(s)
DMR.733	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*, Push Button(s)
DMR.734	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DMX-512, Push Button(s)
DMR.735	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DALI, Push Button(s)
DMR.736	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*

*Bluetooth for DMR.733, DMR.736

CASAMBI



Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

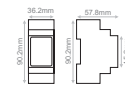
** Range is highly depended on the surrounding and obstacles, such as walls and building materials.



Compatible devices:

iPhone 4S or later, iPad 3 or later, iPad Touch 5th gen or later
Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

app available on:



ANALOGUE to DMX MERGER Converter

- Converts nine analogue signal inputs (0/10VDC) into the digital DMX-512 signal
- Ideal for installations with Instabus (KNX/EIB) protocols

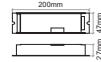
Lighting Management, Power Supplies & Controllers



Designed & Manufactured by ELECTRON SA

Code	Model	Analogue Inputs	Analogue Inputs Voltage	Input Impedance	DMX-512/1990 Input	DMX-512/1990 Output	Merge of Analogue & Digital Input Data	Supply Voltage	Power Consumption
DEM.001	A102DM	9	0/+10VDC	50KΩ (min.)	YES	YES	YES	12-24VDC	0,7W

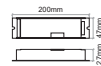
Envir. Temperature: -5°C to 40°C



DMX TO 1-10V & DMX TO 0-10V Converters

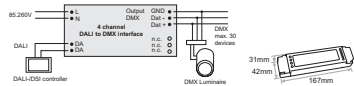
Code	Model	Input Signal	Output Channels	Output Signal	Supply Voltage	Power Consumption	Description
DEM.004	DM2110	DMX-512/1990	4	1/10V sink current	24VDC	2.5W	Converts the DMX signal to 4x1...10V sink current (output per channel 20mA)
DEM.005	DM2010	DMX-512/1990	4	0/10VDC	24VDC	2.5W	Converts the DMX signal to 4x0...10V analogue outputs (output per channel 4mA)

Designed & Manufactured by ELECTRON SA



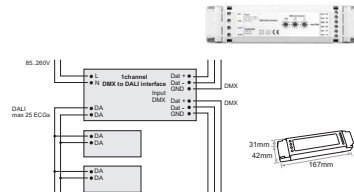
4ch DALI / DSI to DMX Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.156	85-260VAC	50-60Hz	DALI / DSI	DMX512 4



1ch DMX to DALI Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.181	85-260VAC	50-60Hz	DMX512	DALI 1



Lighting Management, Power Supplies & Controllers

PIR MOTION DETECTOR

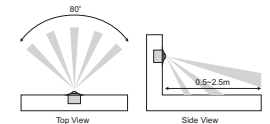
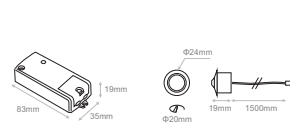
- Smart isolated PIR Sensor Switch Controller, with detachable PIR sensor detector (1,5m cable).
- The controller will turn on the switch output when it detects motion. And turn off automatically after the adjustable delay.
- Wide range operation input voltage from 100VAC to 240VAC.
- Stand by consumption <0,5W
- Detection range: 0,5-2,5m
- Detection angle: 80°
- Delay time: 10-30sec
- PIR Sensor available in white colour as standard. Black colour available upon request.
- Operating temperature range: -20° to +50°C
- Indoor use




Code	Model	Input Voltage	Delay Time	Detection Angle
SNR.006	PIR Motion Detector	AC100V-240V, 50/60Hz	10sec-3min	80°

Max. Lighting load:

Range voltage	Types of load				
	Incandescent lamp/HV-halogen lamp	Electronic ballast	Inductance ballast	Electronic transformer	LED driver
AC 100V, 50/60Hz	250VA	80VA	60VA	250VA	80VA
AC 240V, 50/60Hz	250VA	150VA	100VA	250VA	150VA



Bluetooth Xpress Wireless Interface

Lighting Management, Power Supplies & Controllers 

Bluetooth

Xpress is a wireless user interface that brings huge flexibility to interior design as furniture can be replaced or even walls can be rebuilt without having to take wiring of switches or switch placement into account. The switch can be kept wherever the user needs it and it gives direct access to all the important Casambi lighting control functionalities.




Code	Colour	Range	Battery (incl.)	Battery Lifetime	Dimensions
CDS.191	White	up to 60m in open air	CR2430 Lithium coin cell	2-5 years, depending on usage	90x90x12mm
CDS.192	Black				

Xpress is equipped with magnets for easy attachment to a mounting bracket. The mounting bracket is included.




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- Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

Range




Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

Note 1
Range is highly depended on the surrounding and obstacles, such as walls and building materials.



app available on:



Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Lighting Management, Power Supplies & Controllers 

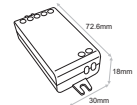
Bluetooth 4ch PWM Dimmer

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED loads
- Ideal partner for RGBW and tunable white (TW) applications.




Code	Supply Voltage	Output Voltage	Max. Output Power	Max. Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.195	12-24VDC 6A Max. input current	12-24VDC same as input voltage	144W @ 24VDC 72W @ 12VDC	6A can be freely divided between the channels	Casambi app. Bluetooth 4.0 protocol	PWM	72.6x30x18mm	IP20




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Range




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app available on:



Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Bluetooth 4ch PWM Dimmer

Lighting Management, Power Supplies & Controllers

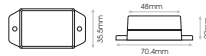
Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED modules.
- Ideal partner for RGBW and tunable white (TW) applications.
- Suitable for TV studios.

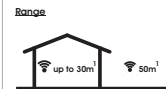
Designed & Manufactured
by ELECTRON SA



Code	Supply Voltage	Output Voltage	Max. Output Power	Total Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.214	12-48VDC 10A Max. input current	12-48VDC same as input voltage	480W @ 48VDC 240W @ 24VDC 120W @ 12VDC	10A can be freely divided between the channels or loaded in one channel	Casambi app, Bluetooth 4.0 protocol	PWM (1.95kHz)	70.4x35.5x22mm	IP20
DEM.226	12-48VDC 8A Max. input current	12-48VDC same as input voltage	384W @ 48VDC 192W @ 24VDC 96W @ 12VDC	8A can be freely divided between the channels or loaded in one channel	Casambi app, Bluetooth 4.0 protocol	PWM (3.9kHz)	70.4x35.5x22mm	IP20



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Casambi uses mesh network technology so each DEM.214 acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

Note 1
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app available on:

Compatible devices:

iPhone 4S or later
 iPad 3 or later
 iPad Touch 5th gen or later
 Android 4.4 KitKat or later devices
 produced after 2013 with full BT 4.0 support

Lighting Management, Power Supplies & Controllers

Bluetooth 4 Push Button Controller

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store
- Direct access to all the important Casambi lighting control functionalities.
- Flexibility to interior design & communication between casambi's devices.
- Small size. Can be placed inside wall mount push button boxes.

Designed & Manufactured
by ELECTRON SA



Code	Supply Voltage	Push Button No.	Control	Dimensions	IP Rate
DEM.215	12-48VDC	4	Casambi app, Bluetooth 4.0 protocol	45x30x15mm	IP40



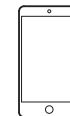
- Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 250 units form automatically an intelligent mesh network.
- Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

Range



Casambi uses mesh network technology so each DEM.215 acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

Note 1
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app available on:

Compatible devices:

iPhone 4S or later
 iPad 3 or later
 iPad Touch 5th gen or later
 Android 4.4 KitKat or later devices
 produced after 2013 with full BT 4.0 support

Bluetooth TRAILING EDGE Dimmer

Lighting Management, Power Supplies & Controllers 

Bluetooth

- Controlled with Casambi app, as well as with traditional wall switches. The Casambi app can be downloaded from Apple App Store and Google Play Store.
- Bluetooth trailing-edge dimmer for controlling incandescent lamps, dimmable LED lamps and dimmable LED control gear.



Code	Supply Voltage	Max Output Power	Max Output Current	Control	Dimensions	IP Rate
DEM.191	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0,65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.219	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0,65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20

Load Suitability

Type of load	Max. load
Incandescent and high voltage halogens (R)	150 W
High quality dimmable LED bulbs (C) 1)	50 W
High quality dimmable CFL bulbs (C) 1)	50 W
Trailing edge dimmable LED drivers (C) 1) 2)	50 W
Low voltage halogens with electronic transformers (C) 1) 2)	50W
High voltage AC LED modules (R) 3)	150W
unimessent lamps, non-dimmable LED and CFL bulbs (C)	Not allowed
Wre wound transformers, electric motors and other inductive loads (I)	Not allowed




Never connect inductive loads, such as iron core transformers. This could cause permanent damage to the dimmer. Do not mix different types of loads.

- Dimming quality depends solely on the load electronics. Do not connect more than two LED or CFL bulbs to one CBU-TED. Do not mix different types of bulbs or loads.
- Do not connect more than two electronic transformers to one CBU-TED.
- Some LED modules may flicker at low dimming levels.

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Range



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app available on:

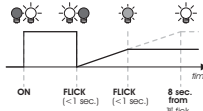


Compatible devices:


iPhone 4S or later
iPad 3 or later
iPod touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Dimming without app



- Turn lights on from a wall switch.
- Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
- Flick the switch again at desired dim level. The selected level is saved automatically.
- If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
- Flicking the switch can also be used to switch between predefined scenes.

Lighting Management, Power Supplies & Controllers 

Bluetooth to 0-10V, 1-10V or DALI Control Unit

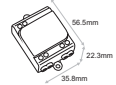
Bluetooth

- Controlled with Casambi app, as well as with traditional wall switches. The Casambi app can be downloaded from Apple App Store and Google Play Store.
- 0-10V (and 1-10V) or digital Standalone DALI control interface.
- Standalone DALI makes it possible to implement multi-channel lighting systems with adjustable color (RGB and RGBW) or color temperature (CCT), while keeping the wiring and number of components at their minimum.

Code	Supply Voltage	Output Voltage*	Signal Output**	Control	Dimensions	IP Rate
DEM.192	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20
DEM.222	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20


*For External Relay use only

** Max. number of drivers connected: 1pc



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Range



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Note 1
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app available on:

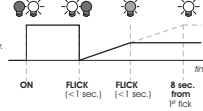


Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod touch 5th gen or later


Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Dimming without app



- Turn lights on from a wall switch.
- Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
- Flick the switch again at desired dim level. The selected level is saved automatically.
- If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
- Flicking the switch can also be used to switch between predefined scenes.

Bluetooth to DALI Control Unit

Lighting Management, Power Supplies & Controllers 

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 25 DALI drivers.
- Bluetooth controller must not be connected to DALI lines that are already supplied by a DALI power supply.
- One Independent and mains operated push button input.



Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.227	220-240VAC 50/60Hz	50mA	DALI (compatible) 4ch single/group addresses	Casambi app. Bluetooth 4.0 protocol	119x30x21mm	IP20



Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 50 DALI drivers.

Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.225	220-240VAC 50/60Hz	100mA	DALI	Casambi app. Bluetooth 4.0 protocol	38x38x26mm	IP44





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Range

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app available on:



Compatible devices:
 iPhone 4S or later
 iPad 3 or later
 iPad Touch 5th gen or later
 Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Dimming without app

- Turn lights on from a wall switch.
- Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
- Flick the switch again at desired dim level. The selected level is saved automatically.
- If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
- Flicking the switch can also be used to switch between predefined scenes.

8 sec. from 1st flick

Lighting Management, Power Supplies & Controllers 

Bluetooth 1ch Relay Switch With Inrush Current Limiter (ICL)

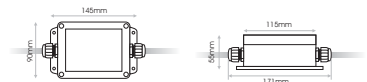
Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 1ch Relay switch with built-in Inrush current limiter.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out HDTRN-F rubber cables (3 x 1.5mm²).
- Maximum connected capacity 2000µF.
- Inrush limiting time: 350ms (+/- 50ms).
- Inrush limiting cycles: 3cycles/minute.
- Continuous current up to 10A.
- Operating temperature: -25...+50°C.

Designed & Manufactured by ELECTRON SA



Code	Supply Voltage	Peak Current Limitation	RMS Current Limitation	Max. Continuous Current	Max. Continuous Power	Control	Dimensions	IP Rate
DEM.216	220-240VAC / 50Hz	16A	10A	10A rms.	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x55mm	IP65





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Range

Casambi uses mesh network technology so each DEM.195 acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

Note 1
Range is highly depended on the surrounding and obstacles, such as walls and building materials.

app available on:



Compatible devices:
 iPhone 4S or later
 iPad 3 or later
 iPad Touch 5th gen or later
 Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Bluetooth 2ch Relay Switch

Lighting Management, Power Supplies & Controllers 

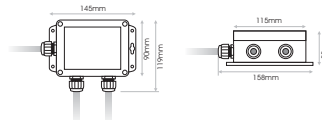
Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 2ch Relay switch.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out H07RN-F rubber cables (3 x 1.5mm²).
- Total current up to 10A (both channels driven).
- Operating temperature: -25...+50C°.




Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Number of Channels	Max. Current	Max. Power	Control	Dimensions	IP Rate
DEM.231	220-240VAC / 50Hz	2ch	Total capacity 10A rms (Both channels driven)	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x55mm	IP65



- ✦ Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 250 units form automatically an intelligent mesh network.
- ✦ Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.


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app available on:


Download on the  **App Store**

GET IT ON  **Google play**

Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support



Lighting Management, Power Supplies & Controllers 

Bluetooth Dali interface Control Unit

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integration of Bluetooth Casambi control to BMS, KNX, and smart automation systems.
- Powered directly from a DALI bus
- Can be used with a DALI sensor for presence detection or daylight harvesting

Code	Supply Voltage	Signal Current DALI	Control	Dimensions	IP Rate
DEM.218	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.229	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20

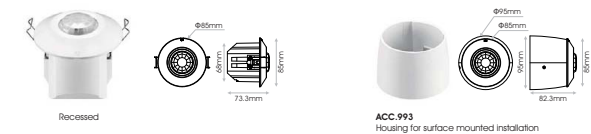


Bluetooth Sensor


Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Ambient light control and presence detection.
- Detection range mounted at height of 3 meters Φ 8meters.
- Detection angle 53°.
- Light measurement at sensor head 1-2000lx (+/- 20%).

Code	Supply Voltage	Mounting Height	Control	Dimensions	IP Rate
SNR.000	220-240VAC 50/60Hz	4m max.	Casambi app. Bluetooth 4.0 protocol	Recessed Φ 85x73.3mm Surface mounted Φ 85x73.3mm	IP20



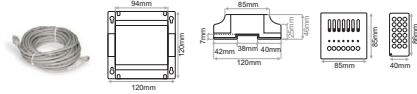
6 ch DMX Controller with IR Remote Control

Lighting Management, Power Supplies & Controllers 



- LED dimmers / controllers

Code	Supply Voltage	Output	Dimming Control	Scenes	Remote Control	Fade	Signal/Power Distribution Box
CDS.216	230VAC	6 channel DMX-512	6 channel faders and master fader	6 programmable scenes of up to 100 steps per scene	IR	Assignable setting separately and master control	Is included as power supply and DMX signal converter



4 ch RGBW Touch DMX and PWM 12/24V Output LED Dimmer / Controller

- LED dimmers / controllers
- Memory retained upon power failure.



Code	Supply Voltage	Nr. of Channels	Output1	Output2	Output Power	Dimming Control	Menus	Store/ Playback
CDS.221	12-24VDC	4	DMX-512	Depending on the power supply 0...12V - 0...24V	24W/ch (12V) total 72W (12V) or 48W/ch (24V) total 144W (24V)	Touch switches	Four function	4 scenes and 4 colours



3 ch DMX Output CHAMELEON controllers CONSTANT VOLTAGE

- The most flexible and user friendly series of architectural controllers.
- Ideal for creating scenes and controlling the light in architectural applications.
- Intelligent control solutions for RGB, AW, AWB, Monochromatic LEDs.

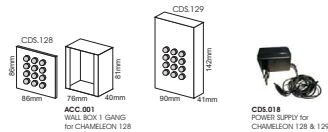
Designed & Manufactured
by ELECTRON SA



Code	Description	Scenes	Op.Volt.	Current	Output Channels	Output Digital DMX-512	Dimensions
CDS.128	CHAMELEON 128 WALL/FLASH MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	86x86x28mm
CDS.129	CHAMELEON 129 DESKTOP/WALL MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	142x41x90mm

TECHNICAL SPECIFICATIONS

- DMX-512 output.
- Dynamic colour environment from a template of 16.7 million colours.
- Save of colours for future use.
- Decrease or increase of the intensity of light (dimmer).
- Ability to activate automatic factory programs (six preset sequences).
- Capability of changing the time that each colour is on (step time).
- Selection of the time of change from one colour to another (fade time).



Lighting Management, Power Supplies & Controllers 

INRUSH CURRENT LIMITER 300ms / 230VAC

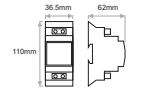
INRUSH CURRENT LIMITER
300ms / 230VAC / 16A

Code	Model
DEM.193	INRUSH CURRENT LIMITER 300ms / 230VAC / 16A



INRUSH CURRENT LIMITER
LED 300ms / 230VAC / 48A peak

Code	Model
DEM.194	INRUSH CURRENT LIMITER LED 300ms / 230VAC / 48A peak

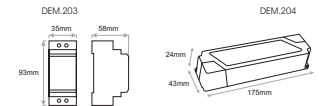


INRUSH CURRENT LIMITER 300ms / 180-264VAC / 23A peak / 16A


INRUSH CURRENT LIMITER
LED 300ms / 180-264VAC / 23A peak / 16A

- Overheating, Overload protection.

Code	Relay Limiting Time	Supply Voltage	Inrush Current Limiting	AC Continuous Rated Current
DEM.203	300ms	180-264VAC	23A peak	16A
DEM.204	300ms	180-264VAC	23A peak	16A



EMERGENCY LIGHT KIT for CONSTANT VOLTAGE or CONSTANT CURRENT LED

Lighting Management, Power Supplies & Controllers 

- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers or dimmable electronic drivers).
- Multi-power dimmable version: DIP-SWITCH, constant current or constant voltage to power LED to LED modules.
- "High temperature" Ni-Cd batteries.
- Charge Indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Self diagnosis system with internal module, optional.
- Reference Norms: EN56015, EN6100-3-2, EN61347-2-13, EN61347-2-7, EN61547.
- Lamps: Power LEDs, LED modules.



Code	Voltage	Frequency	Battery V-Ah	Ia °C	Ic °C	Charge Time
EKT.001	220-240V	50...60Hz	7.2V-4Ah	0 +55	75	24h

Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Lead mounting hole: 9mm.
- Supply current: 35mA max.
- Terminal blocks max. connection size: 1.5mm²
- Max distance between driver and lamp: 2 meters.

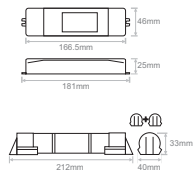
Battery:

- **Rechargeable high temperature Ni-Cd Salt batteries.**
These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +55°C) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).

DIP-SWITCH position	Working voltage in an emergency (V)	Output current in an emergency (I)	n° max. power of LED current	Power max. for LED modules voltage
A	12V const.	200mA ± 10%	$N_{LED} = 12V_i$	24W
B	24V const.	160mA ± 10%	$N_{LED} = 24V_i$	30W
C	46V const.	60mA ± 10%	$N_{LED} = 46V_i$	50W
D	9-58V	200-30mA	$N_{LED} = 58V_i$	-

DIP-SWITCH positions example:

- A position**, can connect 3 LED with V_f 3.5V or 1 LED V_f 10V, or a strip LED 12V-24W max.
- B position**, can connect 6 LED with V_f 3.7V or 2 LED V_f 10V, or a strip LED 24V-30W max.
- C position**, can connect 12 LED with V_f 3.7V or 4 LED V_f 10V.
- D position**, can connect 18 LED with V_f 3.2V or 3 LED V_f 17V.



Lighting Management, Power Supplies & Controllers 

EMERGENCY LIGHT KIT for 12V LED Lamps with Lamp Holder GU5.3

- Instant emergency operation at mains failure.
- Maintained or not maintained operation.
- Suitable for LED lamps 12V.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 12V / GU5.3.



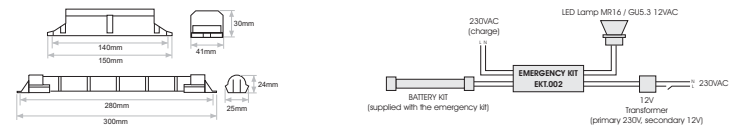
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	Ia °C	Ic °C	Weight	Charge Time
EKT.002	220-240V	50...60Hz	3-7W	7.2V-1.6Ah	80/100%	0 +50	70	170gr	24h

Technical Data:


- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Lead mounting hole: 9mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm²
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Salt batteries.**
These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50°C) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5°C to +25°C in a 65% ±5% relative humidity atmosphere).



EMERGENCY LIGHT KIT for 230V LED Lamps with Lamp Holder GU10

Lighting Management, Power Supplies & Controllers 

- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers and dimmable electronic drivers).
- Suitable for LED lamps 230V - 0/50Hz.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 230V / GU10.



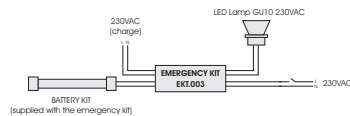
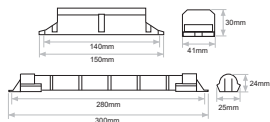
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	ta °C	tc °C	Weight	Charge Time
EKT.003	220-240V	50...60Hz	3-6.5W	7.2V-1.6Ah	80/100%	0 +60	80	170gr	24h

Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 6.8mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm²
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Safe batteries.**
These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50°C) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge/discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5°C to +25°C in a 65% ±5% relative humidity atmosphere).



 Lighting Management, Power Supplies & Controllers

DIMMABLE ELECTRONIC TRANSFORMER

- Dimmable with trailing or leading edge dimmers.
- Short circuit protection.

Code	Power Supply	Output Voltage	Max. Watt
TRF.002	230VAC	12VAC	60W



CABLES / CONNECTORS

3P XLR PREFAB CABLE

3PIN MALE TO 3PIN FEMALE XLR (MIC/DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.019	3P XLR 150	XLRM / XLRF	150cm	6mm	Black
WIR.020	3P XLR 300	XLRM / XLRF	300cm	6mm	Black
WIR.021	3P XLR 600	XLRM / XLRF	600cm	6mm	Black
WIR.022	3P XLR 900	XLRM / XLRF	900cm	6mm	Black



5P XLR PREFAB CABLE

5PIN MALE TO 5PIN FEMALE XLR CABLE (DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.005	5P XLR 150	5P XLRM / 5M XLRF	150cm	6.8mm	Black
WIR.001	5P XLR 300	5P XLRM / 5M XLRF	300cm	6.8mm	Black
WIR.002	5P XLR 600	5P XLRM / 5M XLRF	600cm	6.8mm	Black
WIR.003	5P XLR 900	5P XLRM / 5M XLRF	900cm	6.8mm	Black



XLR CONNECTORS

3P/5P MALE & FEMALE XLR CONNECTORS

Code	Model	Connectors
100.003	3P XLRF	3PIN XLR FEMALE
100.002	3P XLRM	3PIN XLR MALE
100.011	5P XLRF	5PIN XLR FEMALE
100.010	5P XLRM	5PIN XLR MALE



WIR.405

DMX CABLE ON SPOOL 100M

Code	Spool	Colour	Diameter
WIR.405	100m	Black	6mm



CABLES / CONNECTORS

Lighting Management, Power Supplies & Controllers 

Extension cables with connectors IP68

Code	Description
WIR.500	2 pole 100cm extension cable 2x13A / IP68
WIR.501	2 pole 200cm extension cable 2x13A / IP68
WIR.502	2 pole 300cm extension cable 2x13A / IP68
WIR.503	2 pole 500cm extension cable 2x13A / IP68
WIR.504	4 pole 100cm extension cable 1x6,6A+3x2,5A / IP68
WIR.505	4 pole 200cm extension cable 1x6,6A+3x2,5A / IP68
WIR.506	4 pole 300cm extension cable 1x6,6A+3x2,5A / IP68
WIR.507	4 pole 500cm extension cable 1x6,6A+3x2,5A / IP68
WIR.512	5 pole 100cm extension cable 1x6,6A+4x2A / IP68
WIR.513	5 pole 200cm extension cable 1x6,6A+4x2A / IP68
WIR.514	5 pole 300cm extension cable 1x6,6A+4x2A / IP68
WIR.515	5 pole 500cm extension cable 1x6,6A+4x2A / IP68
WIR.508	7 pole 100cm extension cable 7x5A / IP68
WIR.509	7 pole 200cm extension cable 7x5A / IP68
WIR.510	7 pole 300cm extension cable 7x5A / IP68
WIR.511	7 pole 500cm extension cable 7x5A / IP68

The above extension cables are used for junction boxes only. For all other lighting fixtures, extension cables are available on request.

Connectors for cables IP68

For cables with outer diameter: 5-8mm

Code	Description
CNC.006	2 pole male connector 13A per pole / IP68
CNC.007	2 pole female connector 13A per pole / IP68
CNC.008	In-line 2 pole male connector 13A per pole / IP68
CNC.009	In-line 2 pole female connector 13A per pole / IP68
CNC.010	4 pole male connector 5A per pole / IP68
CNC.011	4 pole female connector 5A per pole / IP68
CNC.012	In-line 4 pole male connector 5A per pole / IP68
CNC.013	In-line 4 pole female connector 5A per pole / IP68
CNC.052	5 pole male connector 5A per pole / IP68
CNC.079	5 pole female connector 5A per pole / IP68
CNC.080	In-line 5 pole male connector 5A per pole / IP68
CNC.053	In-line 5 pole female connector 5A per pole / IP68
CNC.014	7 pole male connector 5A per pole / IP68
CNC.015	7 pole female connector 5A per pole / IP68
CNC.016	In-line 7 pole male connector 5A per pole / IP68
CNC.017	In-line 7 pole female connector 5A per pole / IP68

Chassis connectors IP68

Code	Description
CNC.000	Chassis 2 pole male 13A per pole / IP68
CNC.001	Chassis 2 pole female 13A per pole / IP68
CNC.002	Chassis 4 pole male 5A per pole / IP68
CNC.003	Chassis 4 pole female 5A per pole / IP68
CNC.075	Chassis 5 pole male 5A per pole / IP68
CNC.076	Chassis 5 pole female 5A per pole / IP68
CNC.004	Chassis 7 pole male 5A per pole / IP68
CNC.005	Chassis 7 pole female 5A per pole / IP68

Code	Description
WIR.520	2 pole 100cm extension cable 2x30A / IP68
WIR.521	2 pole 200cm extension cable 2x30A / IP68
WIR.522	2 pole 300cm extension cable 2x30A / IP68
WIR.523	2 pole 500cm extension cable 2x30A / IP68
WIR.524	4 pole 100cm extension cable 1x30A+3x10A / IP68
WIR.525	4 pole 200cm extension cable 1x30A+3x10A / IP68
WIR.526	4 pole 300cm extension cable 1x30A+3x10A / IP68
WIR.527	4 pole 500cm extension cable 1x30A+3x10A / IP68
WIR.532	5 pole 100cm extension cable 1x30A+4x8A / IP68
WIR.533	5 pole 200cm extension cable 1x30A+4x8A / IP68
WIR.534	5 pole 300cm extension cable 1x30A+4x8A / IP68
WIR.535	5 pole 500cm extension cable 1x30A+4x8A / IP68
WIR.528	7 pole 100cm extension cable 7x13A / IP68
WIR.529	7 pole 200cm extension cable 7x13A / IP68
WIR.530	7 pole 300cm extension cable 7x13A / IP68
WIR.531	7 pole 500cm extension cable 7x13A / IP68

For cables with outer diameter: 7-12mm

Code	Description
CNC.026	2 pole male connector 30A per pole / IP68
CNC.027	2 pole female connector 30A per pole / IP68
CNC.028	In-line 2 pole male connector 30A per pole / IP68
CNC.029	In-line 2 pole female connector 30A per pole / IP68
CNC.030	4 pole male connector 30A per pole / IP68
CNC.031	4 pole female connector 30A per pole / IP68
CNC.032	In-line 4 pole male connector 30A per pole / IP68
CNC.033	In-line 4 pole female connector 30A per pole / IP68
CNC.081	5 pole male connector 30A per pole / IP68
CNC.082	5 pole female connector 30A per pole / IP68
CNC.083	In-line 5 pole male connector 30A per pole / IP68
CNC.084	In-line 5 pole female connector 30A per pole / IP68
CNC.034	7 pole male connector 15A per pole / IP68
CNC.035	7 pole female connector 15A per pole / IP68
CNC.036	In-line 7 pole male connector 15A per pole / IP68
CNC.037	In-line 7 pole female connector 15A per pole / IP68



Lighting Management, Power Supplies & Controllers 

CABLES / CONNECTORS

T-Connect junction boxes IP68 (1 input + 2 outputs)

Code	Description	Code	Description
CNC.040	T-connect 2p Junction box, 13A, IP68	CNC.045	T-connect 2p Junction box, 30A, IP68
CNC.041	T-connect 4p Junction box, 5A, IP68	CNC.046	T-connect 4p Junction box, 30A, IP68
CNC.073	T-connect 5p Junction box, 5A, IP68	CNC.074	T-connect 5p Junction box, 30A, IP68
CNC.042	T-connect 7p Junction box, 5A, IP68	CNC.047	T-connect 7p Junction box, 15A, IP68



X-Connect junction boxes IP68 (1 input + 3 outputs)

Code	Description	Code	Description
CNC.048	X-connect 2p Junction box, 13A, IP68	CNC.068	X-connect 2p Junction box, 30A, IP68
CNC.064	X-connect 3p Junction box, 13A, IP68	CNC.069	X-connect 3p Junction box, 30A, IP68
CNC.065	X-connect 4p Junction box, 5A, IP68	CNC.070	X-connect 4p Junction box, 30A, IP68
CNC.066	X-connect 5p Junction box, 5A, IP68	CNC.071	X-connect 5p Junction box, 30A, IP68
CNC.067	X-connect 7p Junction box, 5A, IP68	CNC.072	X-connect 7p Junction box, 15A, IP68



T-Connect mini junction boxes IP65 on request

Description	Description
T-connect 2p Mini Junction box, 13A/4A, IP65	T-connect 2p Mini Junction box, 30A/4A, IP65
T-connect 3p Mini Junction box, 13A/4A, IP65	T-connect 3p Mini Junction box, 30A/4A, IP65
T-connect 4p Mini Junction box, 6.6A/4A, IP65	T-connect 4p Mini Junction box, 30A/4A, IP65
T-connect 5p Mini Junction box, 6.6A/4A, IP65	T-connect 5p Mini Junction box, 30A/4A, IP65

The above mini junction boxes are provided with female mini connector and 40cm cable.

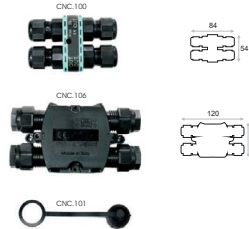
IP65 & IP68 Connectors

Lighting Management, Power Supplies & Controllers 

IP68 CONNECTORS

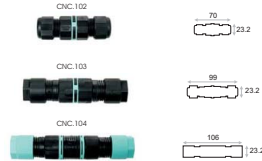
H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
CNC.100	H-connect 4p Junction, 17.5A, IP68	7-12mm
CNC.106	H-connect 5p Junction, 16A, IP68	7-14mm
CNC.101	End cap with rubber holder for CNC.100	



Connectors for cables IP68

Code	Description	Cable diameter
CNC.102	4 pole connector 32A per pole/ IP68	7-12mm
CNC.103	4 pole connector 32A per pole/ IP68	7-13.5mm
CNC.104	4 pole connector 17.5A per pole/ IP68	7-13.5mm



IP68 MICRO CONNECTORS

2 pole connectors 10A per pole IP68

Code	Description	Cable diameter
CNC.107	2 pole connector female 10A per pole/ IP68	5.8-6.9mm
CNC.108	2 pole connector male 10A per pole/ IP68	5.8-6.9mm



Lighting Management, Power Supplies & Controllers 

IP65 & IP68 Connectors

IP65 JUNCTION BOX

T-Connect junction box IP65 (1 input + 2 outputs)

Code	Description	Cable diameter
CNC.105	T-connect 4p Junction, 24A, IP65	8-17.5mm



IP68 CONNECTORS WITH SEALING GEL

Connectors for cables IP68

Code	Description	Cable diameter
GEL001	2 pole connector 6A per pole/ IP68	4.8-6mm
GEL002	2 pole connector 10A per pole/ IP68	5.5-10mm



H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
GEL003	H-connect 3p Junction, 16A, IP68	6.5-12mm




Connectors for cables IP68

Code	Description	Cable diameter
GEL004	T-connect 3p Junction, 16A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)
GEL005	T-connect 2p Junction, 6A, IP68	5.5-9mm
GEL006	T-connect 5p Junction, 10A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)



EXTENSION CABLES & SPLITTERS

Lighting Management, Power Supplies & Controllers 



2 pole extension cables & splitters

- IP protection: IP20

Code	Description
WIR.130	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm ² , IP20, 100cm
WIR.131	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm ² , IP20, 200cm
WIR.132	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm ² , IP20, 500cm

Code	Description
WIR.134	Six way, 2 pole splitter for WIR.130-131-132 with 100cm cable 12-24V / 10A (max 5A/socket), IP20

Code	Description
WIR.135	Two way, 2 pole splitter for WIR.130-131-132, 12-24V / 10A (max 5A/socket), IP20

4 pole extension cables & splitters

- IP protection: IP20

Code	Description
WIR.136	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm ² , IP20, 100cm
WIR.137	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm ² , IP20, 200cm
WIR.138	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm ² , IP20, 500cm

Code	Description
WIR.139	Six way, 4 pole splitter for WIR.136-137-138 with 100cm cable 12-24V / 6A max

Code	Description
WIR.140	Mounting Kit for sockets WIR.130-131-132-136-137-138

5 pole extension cables IP67

- IP protection: IP67

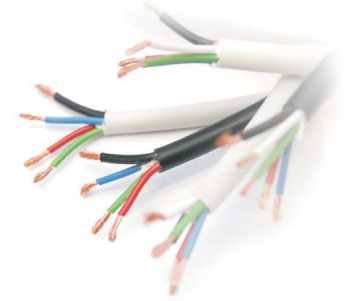
Code	Description
WIR.141	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm ² , IP67, 100cm
WIR.142	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm ² , IP67, 200cm
WIR.143	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm ² , IP67, 500cm



 Lighting Management, Power Supplies & Controllers

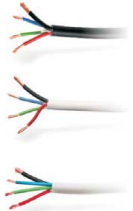
LED CABLES RGB & RGBW

- 4wire or 5wire LED supply cable, RGB or RGBW in the corresponding colors and common return with cross section of 1qmm in black colour, to simplify the installation and minimize any mistakes.
- Twisted cores in layers and bending radius 8xO.D. static.



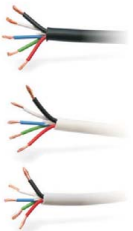
4 Wires LED PVC Cables

Code	Description	Cable Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature
WIR.110	PVC high flexibility cable 3x0.50mm ² + 1x1mm ²	Red / Green / Blue / Black	Black	5.1mm	-20°C to +70°C
WIR.111	PVC high flexibility cable 3x0.50mm ² + 1x1mm ²	Red / Green / Blue / Black	White	5.1mm	-20°C to +70°C
WIR.115	PVC flexible UV resistant cable 3x0.50mm ² + 1x1mm ² (suitable for outdoor use)	Red / Green / Blue / Black	Light Grey	5.1mm	-20°C to +70°C




5 Wires LED PVC Cables

Code	Description	Cable Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature
WIR.112	PVC high flexibility cable 4x0.50mm ² + 1x1mm ²	Red / Green / Blue / White / Black	Black	5.9mm	-20°C to +70°C
WIR.113	PVC high flexibility cable 4x0.50mm ² + 1x1mm ²	Red / Green / Blue / White / Black	White	5.9mm	-20°C to +70°C
WIR.114	PVC flexible UV resistant cable 4x0.50mm ² + 1x1mm ² (suitable for outdoor use)	Red / Green / Blue / White / Black	Light Grey	5.9mm	-20°C to +70°C



PREMIUM SERIES TRAILING

Lighting Management, Power Supplies & Controllers 

- ✓ Trailing edge dimmers
- ✓ Leading edge dimmers
- ✓ HF fluorescent controllers
- ✓ Relay switches


Designed & Manufactured
by ELECTRON SA



PREMIUM 79 / 68 / 37 SERIES of multifunctional custom made power controllers NEW power units with Trailing Edge dimmers for:

- LED lamps dimmable with Trailing Edge dimmers
- CFLs and electronic transformers for Trailing Edge dimming
- Designed and manufactured by ELECTRON SA



PREMIUM 79 Series GO TRAILING!

Available versions:

- Premium 79 with 24 channels x 6A per channel
- Premium 79 with 36 channels x 4A per channel
- Premium 79 with 48 channels x 3A per channel



PREMIUM 68 Series GO TRAILING!

Available versions:

- Premium 68 with 12 channels x 6A per channel



PREMIUM 37 Series GO TRAILING!

Available versions:

- Premium 37 with 12 channels x 3A per channel
- Premium 37 with 9 channels x 4A per channel
- Premium 37 with 6 channels x 6A per channel

Note: You can have different power units that control different types of loads in the same Premium!
Thus, one Premium can have Trailing edge dimmers, Leading edge dimmers, HF fluorescent controllers (1/10V) and relay switches, in the same enclosure!

ACTOR BASE TRAILING

 Lighting Management, Power Supplies & Controllers


Designed & Manufactured
by ELECTRON SA



NEW ACTOR BASE Trailing Edge dimmer

- Designed and manufactured by ELECTRON SA

ACTOR Series GO TRAILING!

Actor Base 610 is made with 6 channels 10A per channel and it can now dim:



- LED lamps dimmable with Trailing Edge dimmers
- CFLs and electronic transformers for Trailing Edge dimming

Model	Number of Channels	Channel Capacity (Watts at 230V)	Maximum Current per Channel	Supply Voltage	Dimensions (WxHxD)
ACTOR B610 Trailing Edge	6	2300	10A	400/230V~3/N/PE/ 50Hz	482x88x340mm

DMX MERGER SPLITTER

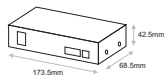
- Can be used for merging information from two separate DMX signals in one.

Code: **DEM.046**

Designed & Manufactured
by ELECTRON SA

Features – Technical specifications.

- Two DMX-512 inputs.
- Two optical isolated outputs.
- Optical isolation between two outputs.
- Four operating modes (HTR, LAST, BACKUP, MERGE).
- Dip switches for start address selection.
- Dip switch for DMX signal termination on each input.
- Connection up to 25 devices on each output port.
- Two XLR 5-pin male plugs for DMX input connection.
- Two XLR 5-pin female plugs for DMX output connection.
- Power supply: 230VAC 50/60Hz.
- Power consumption: 2W
- Ambient temperature: -20 / +50oC.



Lighting Management, Power Supplies & Controllers

DMX REPEATER

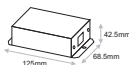
- Can be used for expansion of/and branching of DMX network.

Code: **DEM.045**

Designed & Manufactured
by ELECTRON SA

Features – Technical specifications.

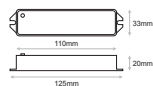
- DMX signal amplification.
- Input output optical isolation.
- Input signal termination capability.
- Connection up to 25 devices in output port.
- Capable of up to 5 Repeaters in series connection.
- Power supply: 230VAC 50/60Hz.
- Power consumption: 1,8 W
- Ambient temperature : -20 / +50oC.
- 0,5-2,5mm² screw terminals, for DMX input and output cable connection.
- Dimensions: L x W x H: 125mm x 68,5mm x 42,5mm.



DMX512 / RDM WiFi LED Controller

- DMX address set up through Wi-Fi.
- Test DMX fixtures and connections.
- User friendly mobile app.

Code	Power Supply	Output Signal	Operating System	Protocol
PCK.218	5-24VDC	DMX 512 / RDM	ANDROID or IOS	2.4GHz Wi-Fi



CONSTANT VOLIAGE LED DRIVERS



5ch DMX/RDM Controller Constant Voltage

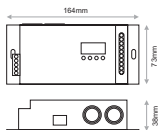
- DMX512/RDM constant voltage LED controller. Communication between DMX control desk and controller (RDM).
- Multiple DMX input/output ports, with RJ45, XLR 5pin and screw terminal.
- Five PWM output channels, common anode.
- PWM output resolution 8bit-16bit selectable.
- Output PWM frequency from 500Hz up to 30kHz selectable.
- Output dimming curve gamma value from 0,1–9,9 selectable.
- Decoding mode selectable soft patch.
- Digital display to show data. Easy to set and display the DMX address.

FLICKER FREE SUITABLE FOR TV STUDIOS



Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Output Currents
DEM.185 /CA	DMX/RDM LED controller with 5 outputs 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	5 channels. Can be used as 3 or 4 channel driver	96W at 12V 192W at 24V	5 channels x 8A each channel

*Note: CA=Common Anode



Constant Voltage LED Drivers **LEDELEC**

4ch DMX-512 / RDM DIMMABLE LED Driver Constant Voltage

LEDELEC Constant Voltage LED Drivers

- Overvoltage, Short-circuit protection
- Overheating protection
- 4 Channels 24VDC constant voltage output.
- Logarithmic or Linear dimming
- Variable PWM frequency selection (500Hz-35kHz).

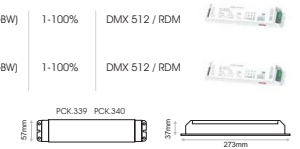


Code	Description	Supply Voltage	Output Voltage	Nr. of Channels	Total Power	Max Output Current	Control	IP
PCK.486	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...24V	100-277VAC 50/60Hz	24VDC	4	75W	3.12A Can be freely divided between the channels	DMX 512 / RDM	IP20



4ch DMX-512 / RDM DIMMABLE LED Driver Constant Voltage

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.339	200-240VAC 50/60Hz	1-12VDC	150W	12,5A (3A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM
PCK.340	200-240VAC 50/60Hz	1-24VDC	150W	6,25A (1,5A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM



4ch RGBW DMX Controller Constant Voltage

- RGBW LED controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Output Channel Power	Total Power	Control
DEM.166 /CA	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	4	4ch x 60W (12V) or 4ch x 120W (24V)	240W (12V) 480W (24V)	DMX 512

*Note: CA=Common Anode



3ch DMX-DIMMABLE Converters Constant Voltage

- Lighting solution that creates the result you need.
- For impressive lighting creations.
- Absolute control of the brightness level.
- DMX IN - OUT
- Absolute control through DMX-512.

New technical features

- Stand alone mode with one of the four preset programs that are available, with selection of fade, rate and dimmer of the output intensity. All functions are selected from the DIP SWITCHES.
- Or selection of a stable colour from the palette of 64 colours, also from the DIP SWITCHES.

Designed & Manufactured
by ELECTRON SA

Constant Voltage LED Drivers **EN26**



Code	Description	Supply Voltage	Output Voltage	Channel Power	Channel Power/Total Power	Power Consumption at full load
DEM.011/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...24VDC	24VDC	3x 0...24VDC	48W	144W	147W
DEM.016/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...24VDC	24VDC	3x 0...24VDC	48W	144W	147W
DEM.010/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...12VDC	12VDC	3x 0...12VDC	24W	72W	75W
DEM.020/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...12VDC	12VDC	3x 0...12VDC	24W	72W	75W
DEM.009/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...5VDC	5VDC	3x 0...5VDC	10W	30W	32W
DEM.021/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...5VDC	5VDC	3x 0...5VDC	10W	30W	32W

*Note: CC=Common Cathode CA=Common Anode
All Power Supplies are available in CC and CA upon request



3ch RGB DIMMABLE DMX Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.178 /CA	DMX LED CONTROLLER WITH 3 OUTPUTS 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	3	36W (12V) or 72W (24V)	108W at 12V or 210W at 24V	DMX	YES



*CA = Common Anode

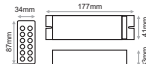


3ch RGB DIMMABLE DMX Controller with IR Remote Control Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.120 /CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W (12V) or 50W (24V)	80W (12V) or 150W (24V)	DMX or IR Remote Control	4 built in programs with speed control and a palette of 7 dimmable colours. All functions are controlled by the IR Remote Control

*Note: CC=Common Cathode CA=Common Anode
All Power Supplies are available in CC and CA upon request



Constant Voltage LED Drivers **EN26**

1ch DIMMABLE LED Driving Converters Constant Voltage

- Lighting solution that creates the result you need
- Absolute control of brightness level
- Absolute control through DMX-512 and 0-10V or 1-10V or any single push button or double push button (Up/Down).
- HTP AND LAST (ale retour) merging modes between analogue and digital input.
- 2040 step resolution.
- Ta = 0°C to 45°C

Designed & Manufactured
by ELECTRON SA

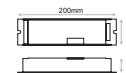
**SUITABLE FOR TV STUDIOS
PWM FREQUENCY 2000Hz**



ONE CHANNEL DIMMABLE LED DRIVERS - DRIVING CONVERTERS, CONTROL BY DMX, 0/10V or 1/10V or PUSH BUTTONS

Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.026 (DP+*)	12-24VDC	0...12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP+
DEM.027 (DP-**)	12-24VDC	0...12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP-
DEM.028 (DP+*)	12-24VDC	0...12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP+
DEM.029 (DP-**)	12-24VDC	0...12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP-
DEM.212 (DP-**)	42-48VDC	0...42/48VDC	10A	420W at 42V or 480W at 48V	423W at 42V or 483W at 48V	DMX512, 0-10V or 1-10V or by push-button(s)	DP-

*DP+ =Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
**DP- =Dimming pole - Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters



DMX to CONSTANT VOLTAGE

LED Drivers-Converters

Constant Voltage LED Drivers **EN29**

PWM OUTPUT



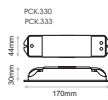
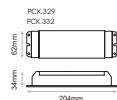
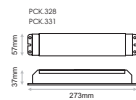
1 Output Channel / 1-24VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.328	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1	1-100%	DMX 512 / RDM and PUSH
PCK.329	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1	1-100%	DMX 512 / RDM and PUSH
PCK.330	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1	1-100%	DMX 512 / RDM and PUSH



1 Output Channel / 1-12VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.331	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1	1-100%	DMX 512 / RDM and PUSH
PCK.332	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1	1-100%	DMX 512 / RDM and PUSH
PCK.333	200-240VAC 50/60Hz	1-12VDC	36W	3A	1	1-100%	DMX 512 / RDM and PUSH



EN29 Constant Voltage LED Drivers

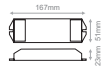
4ch (RGBW) LED Driving Booster

Constant Voltage

- Four channel LED driving Booster (repeater amplifier).
- Operating with PWM control.
- Possible to use in RGBW constant voltage LEDs.
- Common anode configuration.



Code	Supply Voltage	Output Voltage	N. of Channels	Channel Power	Total Power
DEM.209	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	4	60W(12V) or 120W(24V)	240W(12V) or 480W(24V)



3ch (RGB) Booster

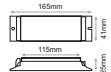
Constant Voltage

- Dimmable constant voltage LED drivers / controllers



Code*	Supply Voltage	Output Voltage	N. of Channels	Channel Power	Total Power
DEM.124 /CA* DEM.125 /CC*	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)

*Note: CC=Common Cathode CA=Common Anode



1ch LED Driving Boosters

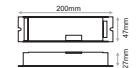
Constant Voltage

- One channel LED driving Booster (repeater amplifier).
- LED Boosters of PWM signal of one LED controller.
- Possible to use in RGB constant voltage LEDs.

Designed & Manufactured by ELECTRON SA



Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.022 (DP+*) DEM.023 (DP-**)	5VDC	0...5VDC	9A	45W	47W	5-24V*** PWM SIGNAL	DEM.022 and DEM.024 = DP+ DEM.023 and DEM.025 = DP-
	12VDC	0...12VDC	9A	108W	110W		
	24VDC	0...24VDC	9A	216W	218W		
DEM.024 (DP+*) DEM.025 (DP-**)	5VDC	0...5VDC	15A	75W	78W	5-24V*** PWM SIGNAL	DEM.022 and DEM.024 = DP+ DEM.023 and DEM.025 = DP-
	12VDC	0...12VDC	15A	180W	183W		
	24VDC	0...24VDC	15A	360W	363W		



*DP+ = Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
 **DP- = Dimming pole - Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
 ***Input PWM. The voltage of the PWM can be from 5V up to 24V and it is independent and isolated from the power supply voltage and output circuit

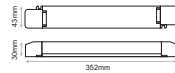
DMX/RDM , DALI-2 DT6/DT8 RGBW (High Frequency) LED Dimmer Constant Voltage

Constant Voltage LED Drivers **EN67**

- Support commands of DALI-2 DT6 & DT8.
- Support DMX/RDM.
- High output PWM frequency (3.6kHz).
- Low stand-by power consumption (<0.5W).
- Overload, Overvoltage, Overtemperature & short circuit protection.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.481	220-240VAC 50/60Hz	24VDC	150W	4x1.56A	4 (RGBW)	0-100%	DMX/RDM, DALI-2 DT6/DT8

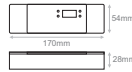


DALI DT8 RGBW (High Frequency) LED Dimmer Constant Voltage

- DALI DT8 device to control RGBW output via a single DALI address.
- 4 Channels constant voltage output.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Variable PWM frequency selection (500Hz, 30kHz).
- OLED display.
- 16 User defined scenes.
- Waterproof grade: IP20

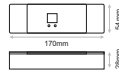


Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.196	12-36VDC	12-36VDC	4x(60-180)W	4x5A	4 (RGBW)	0-100%	DALI DT8



DALI DT8 DUAL Colour LED Dimmer Constant Voltage

- DALI DT8 device to control Warm White and Cool White output via a single DALI address.
- 4 Channels constant voltage output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.186	12-36VDC	12-36VDC (depending on the input voltage)	4x(60-180)W	4x5A	4 (2 tunable white outputs)	0-100%	DALI DT8

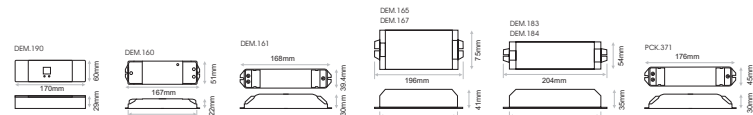
DALI to CONSTANT VOLTAGE Drivers - Converters

Constant Voltage LED Drivers **EN67**

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.



Code	Supply Voltage	PWM Output Voltage	Output Channels	Channel Power	Address Setting	Push Dim
DEM.190	12V-36VDC	Depending on the power supply 0...12VDC or 0...36VDC	4	4x(96-288)W	Auto	Supported
DEM.160 /CA	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	3	60W (12V) or 120W (24V)	Auto	Supported
DEM.161	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	1	60W (12V) or 120W (24V)	Auto	Supported
DEM.165	100V-240VAC	0...12VDC	1	135W	Auto	Supported
DEM.183	175V-264VAC	0...12VDC	1	75W	Auto	Supported
DEM.167	100V-240VAC	0...24VDC	1	150W	Auto	Supported
DEM.184	175V-264VAC	0...24VDC	1	75W	Auto	Supported
PCK.371	100V-240VAC	0...24VDC	1	36W	Auto	Supported



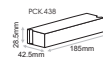
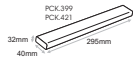
DALI, 1-10V to CONSTANT VOLTAGE Drivers - Converters

Constant Voltage LED Drivers **EN67**

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Dimming Control	Frequency	Address	Push Dim
PCK.390	24VDC	8.3A	200W	220-240VAC	1-10V or DALI PWM or RESISTANCE	50/60Hz	Auto	Supported
PCK.399	24VDC	6.25A	150W	220-240VAC	1-10V or PWM or DALI	50/60Hz	Auto	Supported
PCK.421	24VDC	3.12A	75W	220-240VAC	1-10V or PWM or DALI	50/60Hz	Auto	Supported
PCK.438	24VDC	1.67A	40W	220-240VAC	1-10V or PWM or DALI	50/60Hz	Auto	Supported



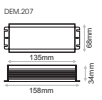
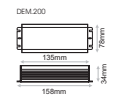
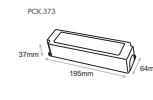
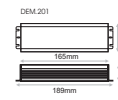
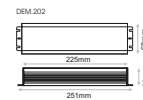
1 ch HIGH IP RATED DIMMABLE DALI Power Supplies Constant Voltage

EN67 Constant Voltage LED Drivers

- Overcurrent, Short-circuit protection.
- Overheating protection.
- IP67



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP
DEM.202	24VDC	13.3A	320W	220-277VAC	50/60Hz	DALI	Auto	IP67
DEM.201	24VDC	6.3A	150W	220-277VAC	50/60Hz	DALI	Auto	IP67
PCK.373	24VDC	5A	120W	100-240VAC	50/60Hz	DALI	Auto	IP67
DEM.200	24VDC	3.1A	75W	220-277VAC	50/60Hz	DALI	Auto	IP67
DEM.207	12VDC	6.25A	75W	220-277VAC	50/60Hz	DALI	Auto	IP67

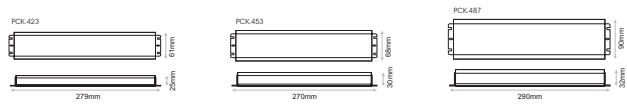


1 ch HIGH IP RATED ULTRA THIN Power Supplies Constant Voltage

- Ultra thin design.
- Single channel, 24VDC output.
- Universal Input Voltage, Range 100-240VAC.
- Supports Touch Dim operation.
- Waterproof IP67
- Protection: Overcurrent, Over-load, Short-circuit



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP
PCK.423	24VDC	6.3A	150W	100-240VAC	50/60Hz	DALI	Auto	IP67
PCK.453	24VDC	10A	240W	100-240VAC	50/60Hz	DALI	Auto	IP67
PCK.487	24VDC	13.3A	320W	100-240VAC	50/60Hz	DALI	Auto	IP67



Constant Voltage LED Drivers **EN67**

Constant Voltage LED Drivers **EN67**

1ch HIGH IP RATED DIMMABLE 1-10V Power Supplies Constant Voltage

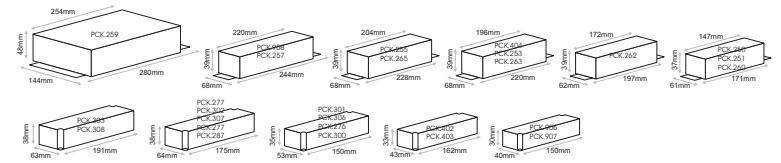
- Full range Universal AC Inputs.
- Built in PFC function.
- Built in 3 in one dimming function, 0-10VDC or 1-10VDC or PWM or Resistance.
- Protections: Short circuit - over current - over voltage - over temperature.
- IP67



Code	Model	Input Voltage Range	DC Voltage	Rated Current	Rated Power	Dimming Control	Frequency Range	IP
42VDC								
PCK.402	PLF-40D-42	100-240VAC	42VDC	0.95A	40W	1-10VDC or 10V PWM or Resistance	47-63Hz	IP67
PCK.403	PLF-60D-42	100-240VAC	42VDC	1.4A	60W		47-63Hz	IP67
PCK.404	HLG-120H-42B	100-240VAC	42VDC	2.9A	120W		47-63Hz	IP67

24VDC								
PCK.906	LPF-14D-24	90-305VAC	24VDC	0.67A	16W	1-10VDC or 10V PWM or Resistance	47-63Hz	IP30
PCK.907	LFF-25D-24	90-305VAC	24VDC	1A	24W		47-63Hz	IP67
PCK.250	HLG-40H-24B	90-305VAC	24VDC	1.6A	40W		47-63Hz	IP67
PCK.251	HLG-60H-24B	90-305VAC	24VDC	2.5A	60W		47-63Hz	IP67
PCK.276	NPF-60D-24	90-305VAC	24VDC	2.5A	60W		47-63Hz	IP67
PCK.277	NPF-90D-24	90-305VAC	24VDC	3.75A	90W		47-63Hz	IP67
PCK.253	HLG-100H-24B	90-305VAC	24VDC	4A	96W		47-63Hz	IP67
PCK.255	HLG-150H-24B	90-305VAC	24VDC	6.3A	150W		47-63Hz	IP67
PCK.908	ELG-200-24B-3Y	100-305VAC	24VDC	8.3A	200W		47-63Hz	IP67
PCK.257	HLG-240H-24B	90-305VAC	24VDC	10A	240W		47-63Hz	IP67
PCK.259	HLG-600H-24B	90-305VAC	24VDC	25A	600W	47-63Hz	IP67	
PCK.300	PWM-40-24	90-305VAC	24VDC	1.67A	40W	0-10VDC or PWM or Resistance	47-63Hz	IP67
PCK.301	PWM-60-24	90-305VAC	24VDC	2.5A	60W		47-63Hz	IP67
PCK.302	PWM-90-24	90-305VAC	24VDC	3.75A	90W		47-63Hz	IP67
PCK.303	PWM-120-24	90-305VAC	24VDC	5A	120W		47-63Hz	IP67

12VDC								
PCK.260	HLG-40H-12B	90-305VAC	12VDC	3.33A	40W	1-10VDC or 10V PWM or Resistance	47-63Hz	IP67
PCK.262	HLG-80H-12B	90-305VAC	12VDC	5A	60W		47-63Hz	IP67
PCK.287	NPF-90D-12	90-305VAC	12VDC	7.5A	90W		47-63Hz	IP67
PCK.263	HLG-120H-12B	90-305VAC	12VDC	10A	120W		47-63Hz	IP67
PCK.265	HLG-150H-12B	90-305VAC	12VDC	12.5A	150W		47-63Hz	IP67
PCK.306	PWM-60-12	90-305VAC	12VDC	5A	60W	0-10VDC or PWM or Resistance	47-63Hz	IP67
PCK.307	PWM-90-12	90-305VAC	12VDC	7.5A	90W		47-63Hz	IP67
PCK.308	PWM-120-12	90-305VAC	12VDC	10A	120W		47-63Hz	IP67

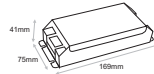


1ch DIMMABLE 1-10V Power Supplies Constant Voltage

- High efficiency.
- Flicker free.
- Protection: Short-circuit - over current - over voltage.

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency	Dimming Control
PCK.389	24VDC	6.25A	150W	100-240VAC	50/60Hz	1-10V

Constant Voltage LED Drivers **EN61326**

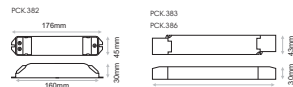


1ch DIMMABLE 1-10V & PUSH SWITCH Power Supplies Constant Voltage

- Flicker free
- Dimming range 0.1%-100%
- Suitable for TV studios
- Built in 4 in one dimming function. 0-10VDC or 1-10VDC or PWM.
- Overload, Short-circuit protection
- Overheating protection



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	IP
PCK.382	24VDC	1.5A	36W	100-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20
PCK.383	24VDC	3.12A	75W	200-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20
PCK.386	24VDC	4.17A	100W	220-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20



Constant Voltage LED Drivers **EN61326**

1ch PHASE CUT LEADING or TRAILING EDGE DIMMABLE LED Drivers Constant Voltage

PWM OUTPUT

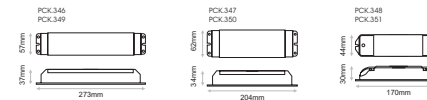


1-24VDC

Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control
PCK.346	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.347	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.348	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer

1-12VDC

Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control
PCK.349	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.350	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.351	200-240VAC 50/60Hz	1-12VDC	36W	3A	1-100%	Dimming with Trailing or Leading Edge Dimmer

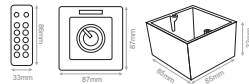


1ch LED Dimmer-Drivers Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.152	12-24VDC	0...12V or 0...24V	1	1 channel 80W at 12V 1 channel 160W at 24V	with Potentiometer

Constant Voltage LED Drivers **150W**



Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.109	12-24VDC	0...12V or 0...24V	1	1 channel 96W at 12V or 1 channel 182W at 24V	with Potentiometer

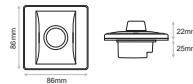


1ch DIMMABLE 1-10V Control Potentiometer Constant Voltage

Code	Description
PCK.206	1/10V control potentiometer



Code	Description
CDS.019	1/10V control panel



150W Constant Voltage LED Drivers

6 zones RGB / RGBW Control with RF Remote Control Constant Voltage

- 6 programmable memories (chases or static colours) per zone.
- Manual setup between RGB or RGBW mode.
- 10 built in colour changing modes with speed adjustable option.
- Master/Slave mode optionally selectable.



RF 6 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.170	AAA 1.5V (3pieces)	1-6 zones	434MHz / 868MHz



RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power
DEM.171 /CA	RGB / RGBW, 1 zone, 2 outputs	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 3x5A RGB or 4x5A RGBW	3x60W / 12VDC - RGB Total 180W/12VDC 4x60W / 12VDC - RGBW Total 240W-12VDC 3x120W / 24VDC - RGB Total 360W-24VDC 4x120W / 24VDC - RGBW Total 480W-24VDC



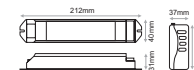
*Note: CA=Common Anode

3ch RGB DIMMABLE with RF Remote Control Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers.
- Selectable RF frequency.



Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.122 /CA	RGB STAND ALONE	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	With built in buttons or RF Remote Control	4 built in programs with speed control, dimmer and pause. All functions are controlled by the built in buttons or the RF Remote Control
DEM.123 /CC	LED CONTROLLER							



*Note: CC=Common Cathode
CA=Common Anode
All Power Supplies are available in CC and CA upon request

5 zones Monochromatic Control with RF Remote Control Constant Voltage

Constant Voltage LED Drivers **ENCE**

- Individual control of up to 5 different zones.
- Standard push button can be connected to each zone independently.
- User friendly and easy setup.
- Control range - 20m.



RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Ni of Channels	Channel Power	Control
DEM.174 /CA	Monochromatic, 1 zone, 4 outputs LED controller	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 4x5 Amps	4x60W / 12V Total 240W/12V 4x120W / 24V Total 480W-24V	RF wireless control through DEM.172 and single push button

*Note: CA=Common Anode



RF 5 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.172	CR2025 3V	1-5 zones	434MHz / 868MHz



Wall Base (included)



RF TRANSMITTER

Suitable to control DEM.174

Code	Battery Type	Operation Frequency
DEM.175	CR2025 3V	434MHz / 868MHz

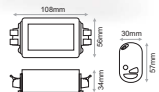


1ch with RF Remote Control Constant Voltage

- Dimmable constant voltage LED drivers / controllers



Code	Supply Voltage	Output Voltage	Output Power (one channel)	Dimming Control
DEM.106	12-24VDC	0...12V 0...24V	48W 96W	with RF Remote Control Selectable RF frequency
DEM.108	5VDC	0...5V	25W	with RF Remote Control Selectable RF frequency



Constant Voltage LED Drivers

1ch HIGH IP RATED LED Power Supplies Constant Voltage

- Power Supplies with fully isolated case
- IP64, IP65, IP67.
- Full range Universal AC inputs
- Cooling by free air convection
- Protections: Short circuit - overload - over voltage



Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
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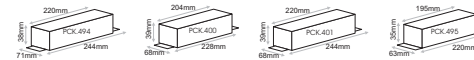
48VDC

PCK.400	HLG-150H-48	100-240VAC	50/60HZ	48VDC	3.1A	150W	IP67
PCK.401	HLG-240H-48A	100-240VAC	50/60HZ	48VDC	5A	240W	IP65
PCK.495	ELG-150-48-3Y	100-240VAC	50/60HZ	48VDC	3.1A	150W	IP67
PCK.494	ELG-200-48-3Y	100-240VAC	50/60HZ	48VDC	4.2A	200W	IP67

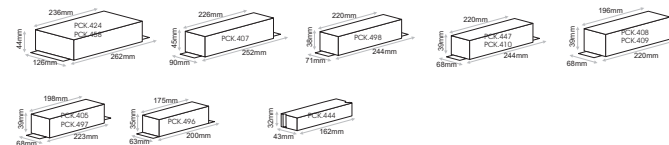
42VDC

PCK.408	HLG-100H-42A	100-240VAC	50/60HZ	42VDC	2.4A	100W	IP65
PCK.409	HLG-150H-42A	200-240VAC	50/60HZ	42VDC	3.6A	150W	IP65
PCK.405	HLG-185H-42A	100-240VAC	50/60HZ	42VDC	4.4A	185W	IP65
PCK.410	HLG-240H-42A	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP65
PCK.447	HLG-240H-42B	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP67
PCK.424	HLG-480H-42A	100-240VAC	50/60HZ	42VDC	11.4A	480W	IP65
PCK.444	LPF-40-42	100-240VAC	50/60HZ	42VDC	0.95A	40W	IP67
PCK.496	ELG-100-42-3Y	100-240VAC	50/60HZ	42VDC	2.4A	100W	IP67
PCK.497	ELG-150-42-3Y	100-240VAC	50/60HZ	42VDC	3.6A	150W	IP67
PCK.498	ELG-240-42-3Y	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP67
PCK.407	HLG-320H-42A	100-240VAC	50/60HZ	42VDC	7.6A	320W	IP65
PCK.458	HLG-480H-42	100-240VAC	50/60HZ	42VDC	11.4A	480W	IP67

48VDC



42VDC



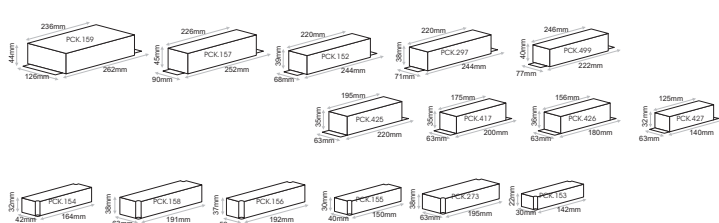
1ch HIGH IP RATED
LED Power Supplies Constant Voltage

Constant Voltage LED Drivers **EN62**



Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
PCK.153	LPH-18-24	200-240VAC	50/60HZ	24VDC	0.75A	18W	IP67
PCK.273	NPF-120-24	100-240VAC	50/60HZ	24VDC	5A	120W	IP67
PCK.190	LPV-20-24	100-240VAC	50/60HZ	24VDC	0.83A	20W	IP67
PCK.155	LPV-35-24	100-240VAC	50/60HZ	24VDC	1.5A	36W	IP67
PCK.154	LPV-60-24	100-240VAC	50/60HZ	24VDC	2.5A	60W	IP67
PCK.156	LPV-100-24	100-240VAC	50/60HZ	24VDC	4.2A	100W	IP67
PCK.158	LPV-150-24	180-305VAC	50/60HZ	24VDC	6.3A	150W	IP67
PCK.152	HLG-240-24A	100-240VAC	50/60HZ	24VDC	10A	240W	IP65
PCK.157	HLG-320H-24A	100-240VAC	50/60HZ	24VDC	13.34A	320W	IP65
PCK.159	HLG-480H-24	100-240VAC	50/60HZ	24VDC	20A	480W	IP67
PCK.425	ELG-150-24-3Y	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
PCK.297	ELG-240-24-3Y	100-240VAC	50/60HZ	24VDC	10A	240W	IP67
PCK.427	XLG-75-24-A	100-240VAC	50/60HZ	24VDC	3.1A	75W	IP67
PCK.426	XLG-150-24-A	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
PCK.417	XLG-200-24	100-240VAC	50/60HZ	24VDC	8.3A	200W	IP67
PCK.499	XLG-320-V-A	100-240VAC	50/60HZ	24VDC	13.3A	320W	IP67

24VDC



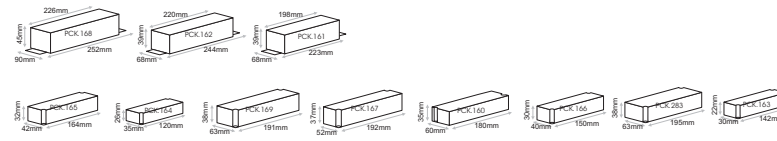
EN62 Constant Voltage LED Drivers

1ch HIGH IP RATED
LED Power Supplies Constant Voltage



Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
PCK.163	LPH-18-12	200-240VAC	50/60HZ	12VDC	1.5A	18W	IP67
PCK.160	ELN-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP64
PCK.283	NPF-120-12	100-240VAC	50/60HZ	12VDC	10A	120W	IP67
PCK.161	CLG-150-12A	100-240VAC	50/60HZ	12VDC	11A	130W	IP65
PCK.164	LPV-20-12	100-240VAC	50/60HZ	12VDC	1.67A	20W	IP67
PCK.166	LPV-35-12	100-240VAC	50/60HZ	12VDC	3A	36W	IP67
PCK.165	LPV-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP67
PCK.167	LPV-100-12	100-240VAC	50/60HZ	12VDC	8.5A	100W	IP67
PCK.169	LPV-150-12	180-305VAC	50/60HZ	12VDC	10A	120W	IP67
PCK.162	HLG-240-12A	100-240VAC	50/60HZ	12VDC	16A	192W	IP65
PCK.168	HLG-320H-12A	100-240VAC	50/60HZ	12VDC	22A	264W	IP65
PCK.170	ELN-30-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP64
PCK.174	LPV-20-5	100-240VAC	50/60HZ	5VDC	3A	15W	IP67
PCK.364	LPV-35-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP67
PCK.207	LPV-60-5	100-240VAC	50/60HZ	5VDC	8A	40W	IP67
PCK.171	LPV-100-5	100-240VAC	50/60HZ	5VDC	12A	60W	IP67

12VDC



5VDC



1ch DIN RAIL

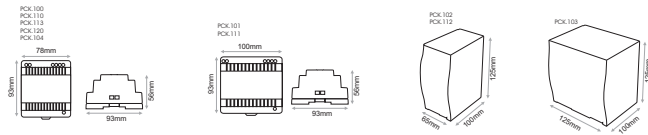
LED Power Supplies Constant Voltage

Constant Voltage LED Drivers **EN62384**

- DIN RAIL Power Supplies
- High quality power supplies for installation in electric boards (DIN rail TS35/7,5 or 15)
- Cooling by free air convection
- Led indicator for power on
- Protections: Short circuit - overload - over voltage



Code	Model	DC Voltage	Rated Current	Rated Power	Input Voltage Range	Frequency Range
24VDC						
PCK.104	DR-30-24	24VDC	1.5A	36W	100-240VAC	50/60HZ
PCK.100	DR-60-24	24VDC	2.5A	60W	88-264VAC	50/60HZ
PCK.101	DR-100-24	24VDC	4.2A	100W	88-264VAC	50/60HZ
PCK.102	DR-120-24	24VDC	5A	120W	100-240VAC	50/60HZ
PCK.103	DRP-240-24	24VDC	10A	240W	100-240VAC	50/60HZ
12VDC						
PCK.113	DR-30-12	12VDC	2A	24W	100-240VAC	50/60HZ
PCK.110	DR-60-12	12VDC	4.5A	54W	88-264VAC	50/60HZ
PCK.111	DR-100-12	12VDC	7.5A	90W	88-264VAC	50/60HZ
PCK.112	DR-120-12	12VDC	10A	120W	100-240VAC	50/60HZ
5VDC						
PCK.120	DR-60-5	5VDC	6.5A	32W	88-264VAC	50/60HZ



CONSTANT CURRENT LED DRIVERS

4ch DMX to CONSTANT CURRENT LED Driver Converter

Constant Current LED Drivers **ES00**

- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Variable PWM frequency selection (200Hz or 1.5kHz).
- Overload, Short-circuit protection.
- Overheating protection.

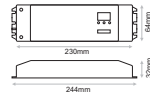


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.385	220-240VAC 50/60Hz	250-1500mA*	8-43VDC*	11-64W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to $V_o = 230V$, 100% load.

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency*
11	8-43	250 mA const.	-25...+45	85	0.87
13	8-43	300 mA const.			
16	8-43	350 mA const.			
17	8-43	400 mA const.			
19	8-43	450 mA const.			
22	8-43	500 mA const.			
26	8-43	600 mA const.			
30	8-43	700 mA const.			
34	8-43	800 mA const.			
39	8-43	900 mA const.			
43	8-43	1000 mA const.			
47	8-43	1100 mA const.			
52	8-43	1200 mA const.			
56	8-43	1300 mA const.			
60	8-43	1400 mA const.			
64	8-43	1500 mA const.			

* CH1 + CH2 + CH3 + CH4 ≤ 64W.
** Referred to $V_{in} = 230V$, 100% load.



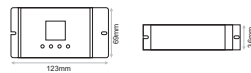
4ch DMX512/RDM DECODER Constant Current

- DMX512/RDM constant current decoder.
- 4 output channels, output current programmable from 200mA up to 1600mA per channel in steps of 50mA
- Protection: Short-circuit protect, Over current protect, Over temp protect.



Code	Description	Input Voltage	Output Voltage	Output Current	Output Power*	Operating Temperature
DEM.208	DMX510/RDM Decoder Constant Current	12-50VDC	1-42VDC	200 to 1600mA per channel (steps of 50mA)	67W/CH max.240W	-20 -50 °C

* Please refer to the matrix in the manual



ES01 Constant Current LED Drivers

DMX TUNABLE WHITE Single output (2 channels) LED Drivers Constant Current

Tunable White Single output (2 channels) Common Cathode

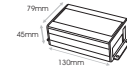
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA



Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.047 /CC	220-240VAC 50/60Hz	2x850mA	18-41VDC	15.3W-34.85W	DMX-512

*CC= Common Cathode



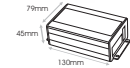
2ch DMX to CONSTANT CURRENT LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA



Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.054	220-240VAC 50/60Hz	2x350mA	5-42VDC	4W-29W	DMX-512



RGBW Common Cathode

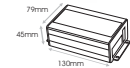
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA



Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.049 /CC	220-240VAC 50/60Hz	4x500mA	10-19VDC	20W-38W	DMX-512

*CC= Common Cathode



1ch DMX to CONSTANT CURRENT LED Drivers-Converters

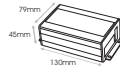
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
350mA					
DEM.053	220-240VAC 50/60Hz	350mA	5-42VDC	2W-15W	DMX-512
500mA					
DEM.052	220-240VAC 50/60Hz	500mA	25-39VDC	12W-20W	DMX-512
700mA					
DEM.051	220-240VAC 50/60Hz	700mA	25-39VDC	17W-27W	DMX-512
900mA					
DEM.050	220-240VAC 50/60Hz	900mA	25-39VDC	23W-35W	DMX-512

Constant Current LED Drivers **500mA**



Designed & Manufactured
by ELECTRON SA



1ch DMX/RDM to CONSTANT CURRENT LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Overload protection.
- Suitable for TV studios.

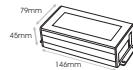
Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
DEM.056	220-240VAC 50/60Hz	700-1400mA*	10-42VDC*	7W-45W	DMX-512/RDM

*Please refer to the matrix below.

P out W	V out DC	I out DC
29.6W	10-42V	700mA
31.5W	10-42V	750mA
33.6W	10-42V	800mA
35.7W	10-42V	850mA
37.8W	10-42V	900mA
44.1W	10-42V	1050mA
45.0W	10-37.5V	1200mA
45.1W	10-32.2V	1400mA



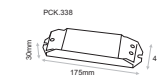
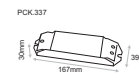
Designed & Manufactured
by ELECTRON SA



500mA Constant Current LED Drivers

1ch DMX to CONSTANT CURRENT LED Drivers-Converters

Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
PCK.334	220-240VAC 50/60Hz	1	500mA - 700mA - 900mA - 1050mA - 1200mA - 1450mA - 1600mA - 1750mA -	5-27W - 7-37.8W - 9-48.6W - 10-50.4W - 12-50.4W - 14.5-49.3W - 16-51.2W - 17.5-50.8W -	10-54VDC 10-54VDC 10-54VDC 10-48VDC 10-42VDC 10-34VDC 10-32VDC 10-29VDC	DMX 512 / RDM and PUSH
PCK.337	220-240VAC 50/60Hz	1	150mA - 260mA - 300mA - 350mA - 500mA - 600mA - 700mA - 900mA -	1.5-8.1W - 2.5-13.5W - 3-16.2W - 3.5-18.9W - 5-25W - 6-25.2W - 7-25.2W - 9-25.2W -	10-54VDC 10-54VDC 10-54VDC 10-54VDC 10-50VDC 10-42VDC 10-36VDC 10-28VDC	DMX 512 / RDM and PUSH
PCK.338	220-240VAC 50/60Hz	1	100mA - 180mA - 300mA - 350mA - 450mA - 500mA - 600mA - 700mA -	1-5.4W - 1.8-9.72W - 3-15W - 3.5-15.05W - 4.5-15.3W - 5-15W - 6-15W - 7-15.4W -	10-54VDC 10-54VDC 10-50VDC 10-43VDC 10-34VDC 10-30VDC 10-25VDC 10-22VDC	DMX 512 / RDM and PUSH
PCK.336	220-240VAC 50/60Hz	1	100mA - 150mA - 200mA - 250mA - 300mA - 350mA - 400mA -	1-4.5W - 1.5-6.8W - 2-9W - 2.5-10W - 3-9.9W - 3.5-9.8W - 4-10W -	10-45VDC 10-45VDC 10-45VDC 10-40VDC 10-33VDC 10-28VDC 10-25VDC	DMX 512 / RDM



1ch DMX / 1-10V / PUSH DIMMABLE LED Driving Converters Constant Current

Constant Current LED Drivers **ES02**

- Converters of digital DMX signal and analogue or PWM signal to constant current.
- For Constant Current LEDs.
- 2040 steps.
- Absolute control through DMX-512 and 0-10V or 1-10V or any Up-Down push button.
- Possible to use in RGB LEDs.
- For 350mA, 500mA, 700mA.

2.040 STEPS
350-500-700-1050mA

Designed & Manufactured
by ELECTRON SA

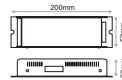


Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Power consumption at full load	Control Input
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ONE CHANNEL DIMMABLE LED DRIVING CONVERTERS, CONTROL BY DMX-512, 0/10V or 1/10V or PUSH BUTTONS

DEM.030	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W	
DEM.031	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W	
DEM.032	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W	
DEM.033	24VDC	10V-66VDC	500mA	1	5-33W	41,5W	
DEM.034	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W	
DEM.035	24VDC	10V-60VDC	700mA	1	7-42W	52,5W	
DEM.043	24VDC	7,6V-20VDC	1050mA	1	8-21W	23W	
DEM.044	24VDC	19V-44,8VDC	1050mA	1	20-47W	57W	

0-10V or 1-10V
or with single push button
or with two push buttons (Up-Down).



*Many single and double (up/down) buttons can be connected in parallel.

1ch LED Boosters Constant Current

- LED Boosters of PWM signal of the LED controller.
- For constant current LEDs.
- For 350mA, 500mA, 700mA.
- One Channel LED driving Booster (repeater/amplifier).
- Possible to use in RGB constant current LEDs.

Designed & Manufactured
by ELECTRON SA



Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Power Consumption
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DEM.036	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W
DEM.037	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W
DEM.038	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W
DEM.039	24VDC	10V-66VDC	500mA	1	5-33W	41,5W
DEM.040	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W
DEM.041	24VDC	10V-60VDC	700mA	1	7-42W	52,5W



ES01 Constant Current LED Drivers

1ch DMX WARM DIMMING LED Driver Constant Current

(Amplitude dimming)

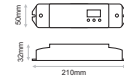
- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection



Code	P out W	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
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PCK.372	46	220-240VAC	900mA	8-52VDC	7-46W	≤ 3%*	IP20	DMX512
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*Referred to $V_n = 230$ V, 100% load

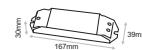


- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection



Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
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PCK.429	220-240VAC 50/60Hz	1	200mA - 2-10,8W - 10-54VDC 350mA - 3,5-18,9W - 10-54VDC 500mA - 5-27W - 10-54VDC 600mA - 6-32,4W - 10-54VDC 700mA - 7-36,4W - 10-52VDC 900mA - 9-36W - 10-40VDC 1050mA - 10,5-36,8W - 10-35VDC 1200mA - 12-36W - 10-30VDC			DMX 512 / RDM and PUSH
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DALI DT8 4ch TUNABLE WHITE LED Dimmer Constant Current

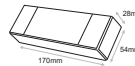
Constant Current LED Drivers **ES06**

Tunable White

- DALI DT8 device to control warm white and cool white outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8, Color type Tc.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.188	12-36VDC	12-36VDC (depending on the input voltage)	4x(8.4-25.2)W	4x700mA	4	0-100%	DALI DT8



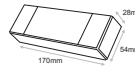
DALI DT8 4ch RGBW LED Dimmer Constant Current

RGBW

- DALI DT8 device to control RGBW outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Adjustment.
- Color control as defined in the DALI specification for device type 8, color type RGBW.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.189	12-36VDC	12-36VDC (depending on the input voltage)	4x(4.2-12.6)W	4x350mA	4	0-100%	DALI DT8



Constant Current LED Drivers

4ch DALI to CONSTANT CURRENT LED Driver Converter

- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Overload, Short-circuit protection.
- Overheating protection.

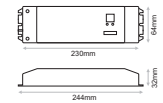


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
PKC.387	220-240/VAC 50/60Hz	250-1500mA*	8-43VDC*	11-64W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to $V_{in} = 230$ V, 100% load

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency**
11	8-43	250 mA cost.	-25...+45	85	0.87
13	8-43	300 mA cost.			
15	8-43	350 mA cost.			
17	8-43	400 mA cost.			
19	8-43	450 mA cost.			
22	8-43	500 mA cost.			
26	8-43	600 mA cost.			
30	8-43	700 mA cost.			
34	8-43	800 mA cost.			
39	8-43	900 mA cost.			
43	8-43	1000 mA cost.			
47	8-43	1100 mA cost.			
52	8-43	1200 mA cost.			
56	8-43	1300 mA cost.			
60	8-43	1400 mA cost.			
64	8-43	1500 mA cost.			

* CH1 + CH2 + CH3 + CH4 <= 64W.
**Referred to $V_{in} = 230$ V, 100% load.



2ch DALI to CONSTANT CURRENT LED Driver Converter

- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Overload, Short-circuit protection.
- Overheating protection.

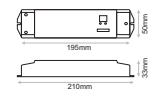


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
PKC.388	220-240/VAC 50/60Hz	250-1500mA*	8-48VDC*	12-50W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to $V_{in} = 230$ V, 100% load

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency**
12	8-48	250 mA cost.	-25...+45	85	0.87
14	8-48	300 mA cost.			
17	8-48	350 mA cost.			
19	8-48	400 mA cost.			
22	8-48	450 mA cost.			
24	8-48	500 mA cost.			
29	8-48	600 mA cost.			
34	8-48	700 mA cost.			
38	8-48	800 mA cost.			
43	8-48	900 mA cost.			
48	8-48	1000 mA cost.			
51	8-46	1100 mA cost.			
49	8-41	1200 mA cost.			
49	8-38	1300 mA cost.			
49	8-35	1400 mA cost.			
50	8-33	1500 mA cost.			

* CH1 + CH2 <= 50W.
**Referred to $V_{in} = 230$ V, 100% load.



1ch DALI to CONSTANT CURRENT or CONSTANT VOLTAGE Converters

- Dimmable: DALI-2
- Overload & Short circuit protection.
- Ripple free.

Constant Current LED Drivers **ES00**

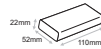


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.318	220-240VAC 50/60Hz	250-700mA*	3-49VDC*	12-20W*	≤ 3%**	IP20	DALI

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V$, 100% load

P out W	V out DC	I out DC	V out max.	Ia °C	Ic °C	A max. Power Factor	η max. Efficiency*
12	15-49	250 mA const.					
17	10-49	350 mA const.					
19	5-49	400 mA const.					
20	5-45	450 mA const.					
20	5-40	500 mA const.	55	-25...+45	75	0.95	>0.87
20	3-36	550 mA const.					
20	3-33	600 mA const.					
20	3-28	700 mA const.					
16W at 24VDC	Constant Voltage						

*Referred to $V_{in} = 230 V$, 100%

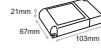


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.324	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V$, 100% load

P out W	V out DC	I out DC	V out max.	Ia °C	Ic °C	A max. Power Factor	η max. Efficiency*
12	10-48	250 mA const.					
14	10-48	300 mA const.					
17	5-48	350 mA const.					
19	5-48	400 mA const.					
22	5-48	450 mA const.					
24	5-48	500 mA const.	59	-25...+50	75	0.95	>0.87
26	3-48	550 mA const.					
28	3-48	600 mA const.					
31	3-48	650 mA const.					
32	3-46	700 mA const.					
10W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						

*Referred to $V_{in} = 230 V$, 100%



Constant Current LED Drivers **ES00**

1ch DALI to CONSTANT CURRENT Converters

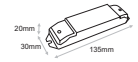
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.470	220-240VAC 50/60Hz	100-400mA*	10-42VDC*	4-12W*	≤ 1%**	IP20	DALI, PUSH

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V$, 100% load

P out W	V out DC	I out DC	V out max.	Ia °C	Ic °C	η max. Efficiency*
4.2	10-42	100 mA const.				
6.3	10-42	150 mA const.				
8.4	10-42	200 mA const.				
10.5	10-42	250 mA const.	60	-25...+50	75	0.82
12	10-40	300 mA const.				
12	10-34	350 mA const.				
12	15-30	400 mA const.				

*Referred to $V_{in} = 230 V$, 100% load

- Dimming range 0.01%-100%.
- Suitable for TV studios.
- Overload, Short circuit protection.
- Overheating protection.



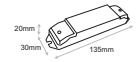
Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.384	220-240VAC 50/60Hz	350-700mA*	10-24VDC*	8-12W*	IP20	DALI

*Please refer to the matrix below.

P out W	V out DC	I out DC	V out max.	Ia °C	Ic °C	η max. Efficiency*
8	10-24	350 mA const.				
10	10-24	400 mA const.				
11	10-24	450 mA const.				
12	10-24	500 mA const.	35	-25...+50	85	0.88
12	10-22	550 mA const.				
12	10-20	600 mA const.				
12	10-18.5	650 mA const.				
12	10-17	700 mA const.				

*Referred to $V_{in} = 230 V$, 100% load

- Constant Current output selection from 350mA up to 700mA.
- Dimming range 0.01%-100%
- Suitable for TV studios
- Overload, Short-circuit protection
- Overheating protection

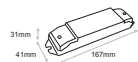


Code	Supply Voltage	Output Current	Output Voltage	Max. Power Consumption	Control
PCK.296	220-240VAC 50/60Hz	200-1200mA*	10-54VDC*	36W	DALI, PUSH

*Please refer to the matrix below.

Output Power	Output Voltage	Output Current
2-10.8W	10-54V	200mA
3.5-18.7W	10-54V	350mA
5-27W	10-54V	500mA
6-32.4W	10-54V	600mA
7-36.4W	10-54V	700mA
9-36W	10-40V	900mA
10.5-36.75W	10-35V	1050mA
12-36W	10-30V	1200mA

- Overload, Short-circuit protection
- Overheating protection



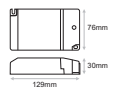
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.419	220-240VAC 50/60Hz	350-1200mA*	2-70VDC*	25-65W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V$, 100% load

P out W	V out DC	I out DC	V out max.	Ia °C	Ic °C	A max. Power Factor	η max. Efficiency*
25	10-70	350 mA const.					
31	10-70	450 mA const.					
35	2-70	500 mA const.					
38	2-69	550 mA const.					
41	2-68	600 mA const.					
48	2-68	700 mA const.	95	-25...+55	80	0.98	>90
52	2-66	800 mA const.					
60	2-66	900 mA const.					
63	2-66	950 mA const.					
65	2-62	1050 mA const.					
65	2-54	1200 mA const.					
65W at 58VDC	Constant Voltage						

*Referred to $V_{in} = 230 V$, 100%

- Overload & Short circuit protection.



1ch DALI WARM DIMMING LED Drivers Constant Current

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.471	220-240VAC 50/60Hz	120-300mA*	9-45VDC*	5-10W*	IP20	DALI, PUSH

*Please refer to the matrix below.

P out W	V out DC	I out DC
5.4	9-45	120 mA cost.
9	9-45	200 mA cost.
10	9-40	250 mA cost.
10	9-33	300 mA cost.

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.445	220-240VAC 50/60Hz	350-700mA*	2-24VDC*	8-10W*	IP20	DALI, PUSH

*Please refer to the matrix below.

P out W	V out DC	I out DC
8.4	2-24	350 mA cost.
9.6	2-24	400 mA cost.
9.9	2-22	450 mA cost.
10	2-20	500 mA cost.
9.9	2-18	550 mA cost.
9.6	2-16	600 mA cost.
9.8	2-15	650 mA cost.
9.8	2-14	700 mA cost.

- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.963	220-240VAC 50/60Hz	250-700mA*	15-50VDC*	12-17W*	≤ 5%**	IP20	DALI, PUSH

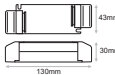
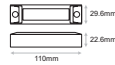
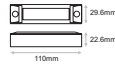
*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency*
12.5	15-50	250 mA cost.	-25...+55	80	60	0.96	0.86
15	15-50	300 mA cost.					
17.2	15-49	350 mA cost.					
17.2	15-43	400 mA cost.					
17.1	15-38	450 mA cost.	-25...+60	75	60	0.96	0.86
17	15-34	500 mA cost.					
17.1	15-31	550 mA cost.					
16.8	15-28	600 mA cost.					
16.9	15-26	650 mA cost.	-25...+60	75	60	0.96	0.86
16.8	15-24	700 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$

Constant Current LED Drivers **CCO**

(Amplitude dimming)



Constant Current LED Drivers **CCO**

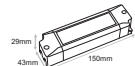
(Amplitude dimming)

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.353	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	DALI, PUSH

*Please refer to the matrix below.

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
20	9-36	550 mA
20	9-28	700 mA



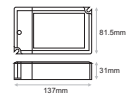
- Overload & Short circuit protection.
- Over temperature protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.446	220-240VAC 50/60Hz	850-1200mA*	9-45VDC*	8-40W*	≤ 3%**	IP20	DALI, PUSH

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency*
38	9-45	850 mA cost.	55	-25...+50	95	0.95	0.88
40	9-44	900 mA cost.					
40	9-42	950 mA cost.					
40	9-40	1000 mA cost.					
40	9-38	1050 mA cost.					
40	9-36	1100 mA cost.					
40	9-35	1150 mA cost.					
40	9-33	1200 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$



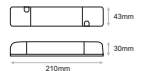
- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Selectable output current in 50mA steps.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.367	220-240VAC 50/60Hz	500-1050mA*	25-50VDC*	25-45W*	≤ 3%**	IP20	DALI

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency*
25	25-50	500 mA cost.	60	-25...+50	80	0.98	0.91
35	25-50	700 mA cost.					
45	25-50	900 mA cost.					
45	25-43	1050 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$



1ch DALI / 1-10V / PUSH WARM DIMMING LED Drivers Constant Current

Constant Current LED Drivers **ES00**

(Amplitude dimming)

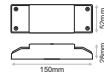
- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.971	220-240VAC 50/60Hz	250-700mA*	9-60VDC*	2-21W*	IP20	DALI, 1-10V**, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	9-60	250 mA cost.	68	-20...+50	85	0,9	0,85
20,5	9-58	350 mA cost.					
21	9-42	500 mA cost.					
21	9-30	700 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**1-10V dimming range 2-100%.



- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.964	220-240VAC 50/60Hz	300-900mA*	9-58VDC*	3-30W*	IP20	DALI, 1-10V**, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
17,4	9-58	300 mA cost.	68	-20...+50	85	0,9	0,87
20,3	9-58	350 mA cost.					
29	9-58	500 mA cost.					
30	9-42	700 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**1-10V dimming range 2-100%.



- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.483	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	10-48	250 mA cost.	59	-25...+50	75	0,95	>87
14	10-48	300 mA cost.					
17	5-48	350 mA cost.					
19	5-48	400 mA cost.					
22	5-48	450 mA cost.					
24	5-48	500 mA cost.					
26	3-48	550 mA cost.					
28	3-48	600 mA cost.					
31	3-48	650 mA cost.					
32	3-46	700 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



ES00 Constant Current LED Drivers

1ch DALI / 1-10V / PUSH WARM DIMMING LED Drivers Constant Current

(Amplitude dimming)

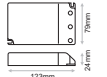
- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.970	220-240VAC 50/60Hz	500-1050mA*	9-58VDC*	5-40W*	IP20	DALI, 1-10V**, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
29	9-58	500 mA cost.	68	-25...+50	85	0,9	>85
32	9-58	550 mA cost.					
35	9-58	600 mA cost.					
38	9-58	650 mA cost.					
40	9-58	700 mA cost.					
40	9-53	750 mA cost.					
40	9-50	800 mA cost.					
40	9-47	850 mA cost.					
40	9-45	900 mA cost.					
40	9-42	950 mA cost.					
40	9-40	1000 mA cost.					
40	9-38	1050 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**1-10V dimming range 2-100%.



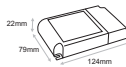
- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.420	220-240VAC 50/60Hz	250-700mA*	2-112VDC*	28-60W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
28	20-112	250 mA cost.	119	-25...+50	90	0,95	>0,92
34	20-112	300 mA cost.					
39	20-112	350 mA cost.					
45	20-112	400 mA cost.					
50	20-112	450 mA cost.					
56	2-112	500 mA cost.					
60	2-110	550 mA cost.					
60	2-100	600 mA cost.					
60	2-92	650 mA cost.					
60	2-86	700 mA cost.					

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



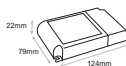
- Overload & Short circuit protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.356	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-60W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	2-74	350 mA cost.	90	-25...+50	90	0,95	>92
35	2-72	500 mA cost.					
39	2-72	550 mA cost.					
44	2-72	650 mA cost.					
50	2-72	700 mA cost.					
54	2-72	750 mA cost.					
60	2-70	850 mA cost.					
60	2-66	900 mA cost.					
60	2-60	1.00 A cost.					
60	2-57	1.05 A cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



1ch DALI WARM DIMMING NFC PROGRAMMABLE LED Drivers Constant Current

Constant Current LED Drivers **ES02**

(Amplitude dimming)

- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

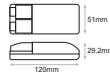
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.943	220-240VAC 50/60Hz	100-1050mA*	7-44VDC*	4-20W*	≤ 5%**	IP20	DALI



P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
4.4	15-44	100 mA cost.	60	-25...+50	75	0.93	83
8.8	8-44	200 mA cost.					
13.2	7-44	300 mA cost.					
17.6	7-44	400 mA cost.	60	-25...+45	75	0.93	83
20	7-40	500 mA cost.					
20	7-33	600 mA cost.					
20	7-28	700 mA cost.					
20	7-25	800 mA cost.					
20	7-22	900 mA cost.	60	-25...+45	75	0.93	83
20	7-19	1050 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load



- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.
- Strain relief set to be ordered separately (467.ACC.200).

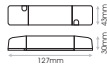
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.973	220-240VAC 50/60Hz	300-700mA*	7-42VDC*	12-28W*	≤ 2%**	IP20	DALI



P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12.6	7.5-42	300 mA cost.	60	-25...+50	80	0.97	86
16.8	7.5-42	400 mA cost.					
21	7.5-42	500 mA cost.					
25.2	7.5-42	600 mA cost.	60	-25...+50	80	0.97	86
28	7.5-40	700 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load



- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

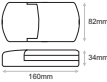
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.956	220-240VAC 50/60Hz	450-1050mA*	27-54VDC*	24-45W*	≤ 5%**	IP20	DALI



P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
24.3	27-54	450 mA cost.	60	-25...+50	70	0.95	88
27	27-54	500 mA cost.					
32.4	27-54	600 mA cost.					
37.8	27-54	700 mA cost.	60	-25...+50	70	0.95	88
43.2	27-54	800 mA cost.					
45	27-50	900 mA cost.	60	-25...+50	75	0.95	88
45	27-43	1050 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load

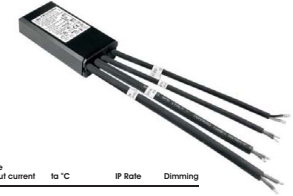


Constant Current LED Drivers **ES03**

1ch DALI DIMMABLE IP68 LED Drivers Constant Current

(Amplitude dimming)

- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

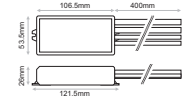


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	ta °C	IP Rate	Dimming
PCK.490	220-240VAC 50/60Hz	250-700mA*	2-49VDC*	12-30W*	≤ 3%**	-40...+60	IP68	DALI

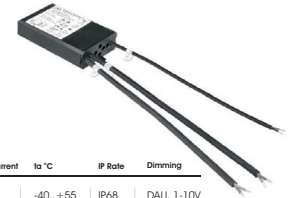
*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load

P out W	V out DC	I out DC	V out max.	tc °C	η max. Efficiency*
12	15-49	250 mA cost.	60	90	>0.88
15	8-49	300 mA cost.			
17	2-49	350 mA cost.			
25	2-49	500 mA cost.	60	90	>0.88
30	2-43	700 mA cost.			

*Referred to $V_{in} = 230 V, 100\%$



- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

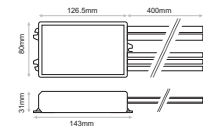


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	ta °C	IP Rate	Dimming
PCK.491	220-240VAC 50/60Hz	350-1400mA*	10-50VDC*	18-70W*	≤ 3%**	-40...+55	IP68	DALI, 1-10V

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load

P out W	V out DC	I out DC	V out max.	tc °C	η max. Efficiency*
18	10-50	350 mA cost.	60	90	>0.92
25	10-50	500 mA cost.			
35	10-50	700 mA cost.			
45	10-50	900 mA cost.	60	90	>0.92
53	10-50	1050 mA cost.			
60	10-50	1200 mA cost.	60	90	>0.92
70	10-50	1400 mA cost.			

*Referred to $V_{in} = 230 V, 100\%$



1ch DIMMABLE 1-10V CONSTANT CURRENT or CONSTANT VOLTAGE

Universal Drivers

- Selectable Dimmable Constant Current or Constant Voltage driver.
- Selectable by dip-switches.
- Dimmable 1-10V.
- Supports push dim operation.

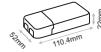
Constant Current LED Drivers **ES02**

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.327	220-240VAC 50/60Hz	100-380mA*	2-53VDC*	5-20W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	Ia °C	Tc °C	λ max. Power Factor	η max. Efficiency*
5	20-53	100 mA cost.					
14	2-53	260 mA cost.					
16	2-53	300 mA cost.					
18	2-53	340 mA cost.					
20	2-53	380 mA cost.					
9W at 24VDC	Constant Voltage						

*Referred to $V_{in} = 230\text{ V}$, 100%.

*Please refer to the matrix below.
**Referred to $V_{in} = 230\text{ V}$, 100% load

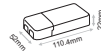


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.325	220-240VAC 50/60Hz	250-900mA*	3-53VDC*	13-20W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	Ia °C	Tc °C	λ max. Power Factor	η max. Efficiency*
13	20-53	250 mA cost.					
15	20-53	300 mA cost.					
18	15-50	350 mA cost.					
20	5-40	500 mA cost.					
20	3-29	700 mA cost.					
20	3-23	900 mA cost.					
11W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						

*Referred to $V_{in} = 230\text{ V}$, 100%.

*Please refer to the matrix below.
**Referred to $V_{in} = 230\text{ V}$, 100% load

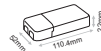


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.323	220-240VAC 50/60Hz	350-900mA*	2-43VDC*	15-20W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	Ia °C	Tc °C	λ max. Power Factor	η max. Efficiency*
15	2-43	350 mA cost.					
20	2-40	500 mA cost.					
20	2-36	550 mA cost.					
20	2-29	700 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
10W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						

*Referred to $V_{in} = 230\text{ V}$, 100%.

*Please refer to the matrix below.
**Referred to $V_{in} = 230\text{ V}$, 100% load



Constant Current LED Drivers **ES02**

1ch DIMMABLE 1-10V CONSTANT CURRENT or CONSTANT VOLTAGE

Universal Drivers

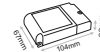
- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.098	220-240VAC 50/60Hz	250-900mA*	2-53VDC*	13-32W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	Ia °C	Tc °C	λ max. Power Factor	η max. Efficiency*
13	15-53	250 mA cost.					
16	15-53	300 mA cost.					
18	15-53	350 mA cost.					
21	15-53	400 mA cost.					
23	5-52	450 mA cost.					
25	2-50	500 mA cost.					
27	2-50	550 mA cost.					
30	2-50	600 mA cost.					
32	2-49	650 mA cost.					
32	2-46	700 mA cost.					
20	2-27	750 mA cost.					
20	2-25	800 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
11W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						

*Referred to $V_{in} = 230\text{ V}$, 100%.

*Please refer to the matrix below.
**Referred to $V_{in} = 230\text{ V}$, 100% load



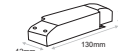
- Overload, Short-circuit protection.
- Overheating protection.
- Does not support push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.391	220-240VAC 50/60Hz	300-1050mA*	10-54VDC*	16-36W*	≤ 3%**	IP20	1-10V

P out W	V out DC	I out DC	V out max.	Ia °C	Tc °C	λ max. Power Factor	η max. Efficiency*
16	10-54	300 mA cost.					
18	10-54	350 mA cost.					
27	10-54	500 mA cost.					
36	10-51	700 mA cost.					
20	10-40	900 mA cost.					
36	10-35	1050 mA cost.					

*Referred to $V_{in} = 230\text{ V}$, 100%.

*Please refer to the matrix below.
**Referred to $V_{in} = 230\text{ V}$, 100% load



- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.180	220-240VAC 50/60Hz	350-1050mA*	20-74VDC*	25-50W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	Ia °C	Tc °C	λ max. Power Factor	η max. Efficiency*
25	20-74	350 mA cost.					
30	20-72	500 mA cost.					
50	20-71	700 mA cost.					
50	20-55	900 mA cost.					
50	20-48	1050 mA cost.					
50W at 48VDC	Constant Voltage						

*Referred to $V_{in} = 230\text{ V}$, 100%.

*Please refer to the matrix below.
**Referred to $V_{in} = 230\text{ V}$, 100% load



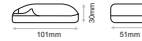
1ch DIMMABLE 1-10V & LEADING or TRAILING EDGE LED Driver Constant Current

Constant Current LED Drivers **ES02**

350mA, 500mA



Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range
PCK.281	220-240VAC / 50Hz	14-28VDC	5-10W	350mA	1-10V or Trailing Edge or Leading Edge	10-100%
PCK.245	220-240VAC / 50Hz	10-20VDC	5-10W	500mA	1-10V or Trailing Edge or Leading Edge	10-100%



1ch DIMMABLE 1-10V Control Potentiometer Constant Current

Code	Description
PCK.206	1-10V control potentiometer



Code	Description
CDS.019	1-10V control panel

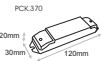
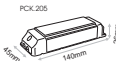


Constant Current LED Drivers **ES03**

1ch DIMMABLE 1-10V LED Driver Constant Current

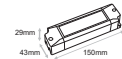


Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range
PCK.204	110-255VAC 50/60Hz	3-18VDC	1-6W	350mA	1-10V	10-100%
PCK.205	110-255VAC 50/60Hz	9-36VDC	3-12W	350mA	1-10V	10-100%
PCK.370	100-240VAC 50/60Hz	3-24VDC	8.4W	350mA	1-10V	0.01-100%



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.358	200-240VAC 50/60Hz	200-350mA	9-40V	8-12W	1-10V

P out W	V out DC	I out DC
8W	40V	200 mA
10W	40V	250 mA
12W	40V	300 mA
12W	34V	350 mA

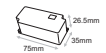


- Constant Current output selection from 350mA up to 700mA.
- Suitable for TV studios.
- Overload, Short-circuit protection.
- Overheating protection.
- LF Current Ripple (<120Hz) <3%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.430	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	1-10V

*Please refer to the matrix below.

P out W	V out DC	I out DC
7.4	2-21	350 mA const.
8.4	2-21	400 mA const.
9.5	2-21	450 mA const.
10	2-20	500 mA const.
9.9	2-18	550 mA const.
9.6	2-16	600 mA const.
9.8	2-15	650 mA const.
9.8	2-14	700 mA const.



1ch 1-10V DIMMABLE LED Drivers Constant Current

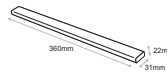
Constant Current LED Drivers **ECO**

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.217	220-240VAC 50/60Hz	140-350mA*	30-250VDC*	35-80W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	to °C	tc °C	λ max. Power Factor	η max. Efficiency*
35	30-250	140 mA cost.					
38	30-250	150 mA cost.					
43	30-250	170 mA cost.					
46	30-250	185 mA cost.					
50	30-250	200 mA cost.					
54	30-250	215 mA cost.					
58	30-250	230 mA cost.					
61	30-250	245 mA cost.					
65	30-250	260 mA cost.	300	-25...+55	85	0.95	>93
69	30-250	275 mA cost.					
73	30-250	290 mA cost.					
76	30-250	305 mA cost.					
80	30-250	320 mA cost.					
80	30-235	335 mA cost.					
80	30-228	350 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.357	220-240VAC 50/60Hz	220-500mA*	30-170VDC*	37-80W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	to °C	tc °C	λ max. Power Factor	η max. Efficiency*
37	30-170	220 mA cost.					
41	30-170	240 mA cost.					
44	30-170	260 mA cost.					
48	30-170	280 mA cost.					
51	30-170	300 mA cost.					
54	30-170	320 mA cost.					
58	30-170	340 mA cost.					
61	30-170	360 mA cost.					
65	30-170	380 mA cost.	210	-25...+50	85	0.95	>92
68	30-170	400 mA cost.					
71	30-170	420 mA cost.					
75	30-170	440 mA cost.					
78	30-170	460 mA cost.					
80	30-167	480 mA cost.					
80	30-160	500 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load

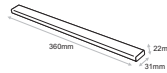


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
PCK.322	220-240VAC 50/60Hz	350-700mA*	30-120VDC*	42-80W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	to °C	tc °C	λ max. Power Factor	η max. Efficiency*
42	30-120	350 mA cost.					
45	30-120	375 mA cost.					
48	30-120	400 mA cost.					
51	30-120	425 mA cost.					
54	30-120	450 mA cost.					
57	30-120	475 mA cost.					
60	30-120	500 mA cost.	180	-25...+50	85	0.95	>92
63	30-120	525 mA cost.					
66	30-120	550 mA cost.					
69	30-120	575 mA cost.					
72	30-120	600 mA cost.					
75	30-120	625 mA cost.					
78	30-120	650 mA cost.					
80	30-118	675 mA cost.					
80	30-114	700 mA cost.					

*Referred to $V_{in} = 230 V, 100\%$

*Please refer to the matrix below.
**Referred to $V_{in} = 230 V, 100\%$ load



Constant Current LED Drivers **ECO**

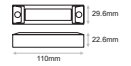
1ch 1-10V WARM DIMMING LED Drivers Constant Current

(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.468	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	1-10V

*Please refer to the matrix below.

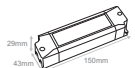
P out W	V out DC	I out DC
5	9-42	120 mA cost.
6.3	9-42	150 mA cost.
7.6	9-42	180 mA cost.
9.4	9-42	200 mA cost.
9.8	9-41	240 mA cost.
10	9-37	270 mA cost.
10	9-33	300 mA cost.
10	9-28	350 mA cost.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.352	220-240V 50/60Hz	280-450mA*	3-40VDC*	11.2-14.85W*	1-10V

*Please refer to the matrix below.

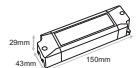
P out W	V out DC	I out DC
11.2	3-40	280 mA
14	3-40	350 mA
14.85	3-33	450 mA



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.381	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	1-10V

*Please refer to the matrix below.

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.6	9-28	700 mA



1ch 1-10V DIMMABLE IP68 LED Drivers Constant Current

Constant Current LED Drivers **ES06**

- IP68
- Overload & Short circuit protection.
- Overheating protection.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.463	220-240VAC 50/60Hz	350mA	2-46VDC	1-16W	≤ 3%*	-40...+60	IP68	1-10V

*Referred to $V_{in} = 230 V$, 100% load



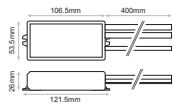
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.464	220-240VAC 50/60Hz	500mA	2-40VDC	1-20W	≤ 3%*	-40...+60	IP68	1-10V

*Referred to $V_{in} = 230 V$, 100% load



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.465	220-240VAC 50/60Hz	700mA	2-24VDC or 24VDC const.	1-17W	≤ 3%*	-40...+60	IP68	1-10V

*Referred to $V_{in} = 230 V$, 100% load



Constant Current LED Drivers **ES06**

1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS) DIMMABLE LED Drivers Constant Current

- Overload & Short circuiting protection.
- Overheating protection.



Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Control
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18W / 350mA

PCK.242	220-240VAC 50/60Hz	15-52VDC	350mA	1	6-18W	Dimmable with leading or trailing edge dimmer
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18W / 500mA

PCK.362	220-240VAC 50/60Hz	18-36VDC	500mA	1	9-18W	Dimmable with trailing edge dimmer
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25W / 500mA

PCK.393	220-240VAC 50/60Hz	25-50VDC	500mA	1	12.5-25W	Dimmable with trailing edge dimmer
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40W / 500mA

PCK.313	220-240VAC 50/60Hz	40-80VDC	500mA	1	20-40W	Dimmable with leading or trailing edge dimmer
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18W / 700mA

PCK.455	220-240VAC 50/60Hz	13-26VDC	700mA	1	9.1-18.2W	Dimmable with leading or trailing edge dimmer
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40W / 700mA

PCK.480	220-240VAC 50/60Hz	28-56VDC	700mA	1	20-40W	Dimmable with leading or trailing edge dimmer
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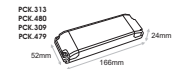
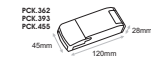
45W / 1050mA

PCK.309	220-240VAC 50/60Hz	22-43VDC	1050mA	1	22-45W	Dimmable with leading or trailing edge dimmer
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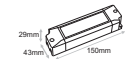
50W / 1300mA

PCK.479	220-240VAC 50/60Hz	20-39VDC	1300mA	1	25-50W	Dimmable with leading or trailing edge dimmer
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Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Control
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PCK.360	200-240VAC 50/60Hz	9-42VDC	180mA / 7.5W 240mA / 10W 300mA / 12W	1	Dimmable with leading or trailing edge dimmer
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1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS) DIMMABLE LED Drivers Constant Current

Constant Current LED Drivers **ES06**

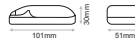
- Overload & Short circuiting protection.
- Overheating protection.



Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
PCK.291	220-240VAC 50/60Hz	28-42VDC	180-350mA*	1	7.6-14.7W*	Dimmable with leading or trailing edge dimmer

P _{out} W	V _{out} DC	I _{out} DC
7.6W	28-42VDC	180 mA
10.5W	28-42VDC	250 mA
14.7W	28-42VDC	350 mA

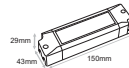
*Please refer to the matrix below.



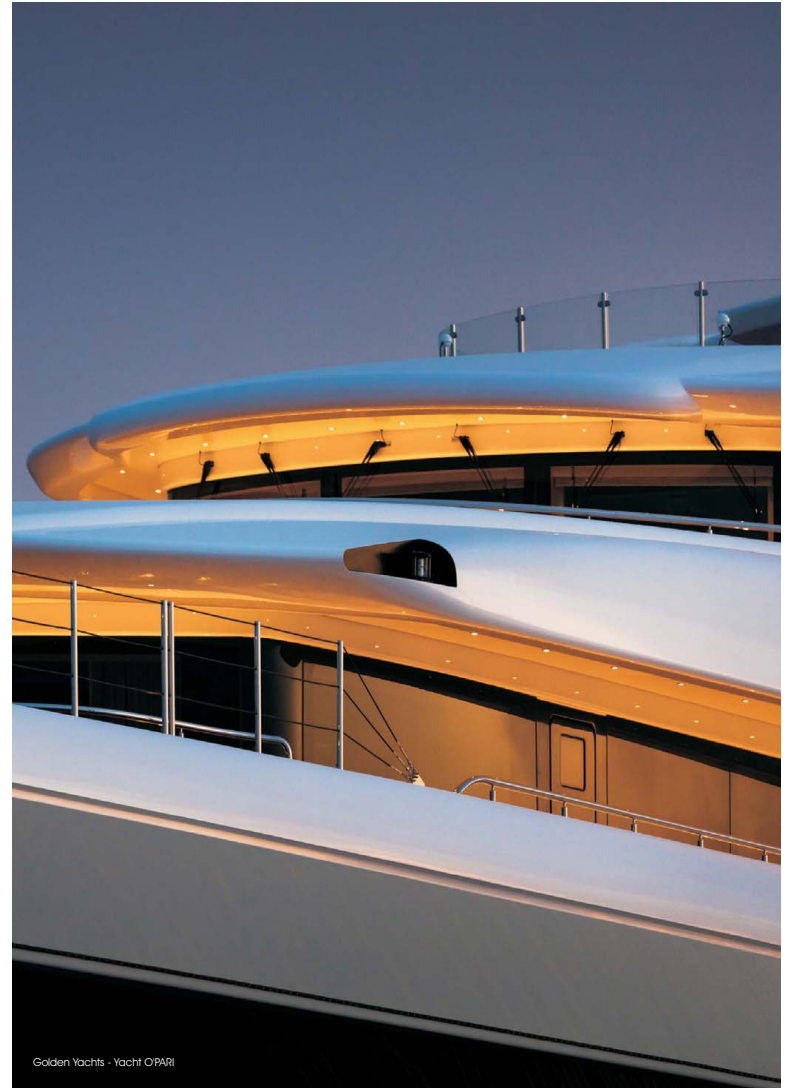
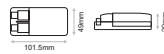
Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
PCK.395	220-240VAC 50/60Hz	9-40VDC*	350-500mA*	1	14-15W*	Dimmable with leading or trailing edge dimmer

P _{out} W	V _{out} DC	I _{out} DC
14W	9-40VDC	350 mA
14.8W	9-37VDC	400 mA
14.9W	9-33VDC	450 mA
15W	9-30VDC	500 mA

*Please refer to the matrix below.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.936	220-240VAC 50/60Hz	700mA	3-20VDC	14W	Trailing or Leading Edge Dimmer



Golden Yachts - Yacht OPARI

1ch PHASE CUT WARM DIMMING LED Drivers Constant Current

(Amplitude dimming)

Constant Current LED Drivers **E60C**

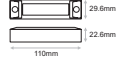
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.962	220-240VAC 50/60Hz	180mA	27-42VDC	4.9-7.6W	Trailing or Leading Edge Dimmer
PCK.960	220-240VAC 50/60Hz	350mA	3-20VDC	1.1-7W	Trailing or Leading Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.469	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
5	9-42	120
6.3	9-42	150
7.6	9-42	180
8.8	9-42	210
10	9-40	250
9.9	9-33	300
9.9	9-31	320
9.8	9-28	350

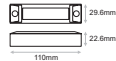
*Please refer to the matrix below.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.459	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
7.4	2-21	350
8.4	2-21	400
9.5	2-21	450
10	2-20	500
9.9	2-18	550
9.6	2-16	600
9.8	2-15	650
9.8	2-14	700

*Please refer to the matrix below.

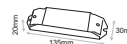


- Flicker-free
- Protection: Short circuit, overheating, overload.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.379	220-240VAC 50/60Hz	350-700mA*	3-24VDC*	8.4-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
8.4	3-24	350
9.6	3-24	400
9.9	3-22	450
10	3-20	500
9.9	3-18	550
9.6	3-16	600
9.6	3-15	650
9.8	3-14	700

*Please refer to the matrix below.

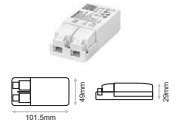


Constant Current LED Drivers **E60C**

1ch PHASE CUT WARM DIMMING LED Drivers Constant Current

(Amplitude dimming)

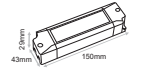
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.954	220-240VAC 50/60Hz	350mA	27-42VDC	9.5-14.7W	Trailing or Leading Edge Dimmer



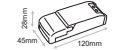
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.354	220-240VAC 50/60Hz	280-450mA*	3-42VDC*	11.8-15W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
11.8	3-42	280 mA
14.7	3-42	350 mA
15	3-33	450 mA

*Please refer to the matrix below.



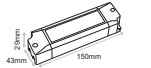
Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.363	220-240VAC 50/60Hz	600mA	21-42VDC	12.6-25.2W	IP20	Trailing Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.375	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
14	9-40	350 mA
16	9-40	400 mA
18	9-40	450 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.8	9-33	600 mA
19.5	9-30	650 mA
19.6	9-28	700 mA

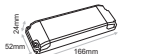
*Please refer to the matrix below.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.345	220-240VAC 50/60Hz	900mA*	22-42VDC*	38W*	IP20	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	λ max. Power Factor	η max. Efficiency*
38	22-42	900 mA const.	90	-20...+50	80	0.95	88

*Referred to V_{in} = 230 V, 100% load





ECOL Constant Current LED Drivers

1ch MULTI POWER LED Drivers Constant Current

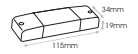
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.215	220-240VAC 50/60Hz	60-360mA*	2-41VDC*	2.5-15W*	≤ 3%**	IP20

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	λ max. Power Factor	η max. Efficiency*
2.5	2...41.5	60 mA cost.	44	25...+45	75	0.94C	82
3.5	2...41.5	80 mA cost.					
4.1	2...41.5	100 mA cost.					
5	2...41.5	120 mA cost.					
5.8	2...41.5	140 mA cost.					
6.6	2...41.5	160 mA cost.					
7.4	2...41.5	180 mA cost.					
8.3	2...41.5	200 mA cost.					
9.1	2...41.5	220 mA cost.					
10	2...41.5	240 mA cost.					
10.8	2...41.5	260 mA cost.					
11.6	2...41.5	280 mA cost.					
12.4	2...41.5	300 mA cost.					
13.2	2...41.5	320 mA cost.					
14.1	2...41.5	340 mA cost.					
15	2...41.5	360 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 60mA up to 360mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable



- Constant Current output selection from 350mA up to 700mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.929	220-240VAC 50/60Hz	350-700mA*	14-50VDC*	17.5-20W*	≤ 5%**	IP20

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	λ max. Power Factor	η max. Efficiency*
17.5	25...50	350 mA cost.	60	25...+50	85	0.95	≤ 0.85
20	20...40	500 mA cost.					
20	14...28.5	700 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

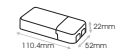
- Constant Current output selection from 250mA up to 700mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.343	220-240VAC 50/60Hz	250-700mA*	2-54VDC*	13-20W*	≤ 3%**	IP20

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	λ max. Power Factor	η max. Efficiency*
13	10...54	250 mA cost.	59	25...+50	80	0.97	>88
19	2...54	350 mA cost.					
20	2...50	400 mA cost.					
20	2...44	450 mA cost.					
20	2...40	500 mA cost.					
20	2...37	550 mA cost.					
20	2...34	600 mA cost.					
20	2...29	700 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



1ch MULTI POWER
LED Drivers Constant Current

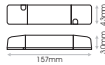
- Constant Current output selection from 350mA up to 600mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.922	220-240VAC 50/60Hz	350-600mA*	27-44VDC*	15,4-26,4W*	≤ 5 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15.4	27...44	350 mA cost.	60	-25...+50	75	0.95	≤ 0.88
17.6	27...44	400 mA cost.					
19.8	27...44	450 mA cost.					
22	27...44	500 mA cost.					
26.4	27...44	600 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



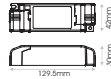
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.123	220-240VAC 50/60Hz	250-1000mA*	10-45VDC*	11-32W*	± 20 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
11	10...45	250 mA cost.	50	-25...+50	80	0.95	> 89
13	10...45	300 mA cost.					
16	10...45	350 mA cost.					
18	10...45	400 mA cost.					
20	10...45	450 mA cost.					
22	10...45	500 mA cost.					
25	10...45	550 mA cost.					
27	10...45	600 mA cost.					
29	10...45	650 mA cost.					
32	10...45	700 mA cost.					
32	10...42	750 mA cost.					
32	10...40	800 mA cost.					
32	10...38	850 mA cost.					
32	10...36	900 mA cost.					
32	10...34	950 mA cost.					
32	10...30	1000 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 250mA up to 1000mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable



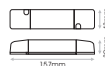
- Constant Current output selection from 500mA up to 800mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.925	220-240VAC 50/60Hz	500-800mA*	25-44VDC*	21-35,2W*	≤ 5 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
21	25...42	500 mA cost.	60	-25...+50	80	0.95	≤ 0.88
25.2	25...42	600 mA cost.					
28.6	25...44	650 mA cost.					
31.5	25...45	700 mA cost.					
35.2	30...44	800 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



Constant Current LED Drivers **ES00**

ES00 Constant Current LED Drivers

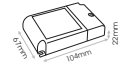
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (typical ripple at max output current ≤ 3 %**).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.214	220-240VAC 50/60Hz	350-1050mA*	2-42VDC*	15-39W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	2...42V	350mA cost.	65	-25...+50	80	0.95	> 90
21	2...42V	500mA cost.					
23	2...42V	550mA cost.					
27	2...42V	650mA cost.					
29	2...42V	700mA cost.					
31	2...42V	750mA cost.					
35	2...42V	850mA cost.					
37	2...42V	900mA cost.					
39	2...37V	1.05A cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



- Constant Current output selection from 300mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.484	220-240VAC 50/60Hz	300-1050mA*	3-44VDC*	13-42W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	3...44	300 mA cost.	55	-25...+45	80	0.95	≥ 90
15	3...44	350 mA cost.					
18	3...44	400 mA cost.					
20	3...44	450 mA cost.					
22	3...44	500 mA cost.					
24	3...44	550 mA cost.					
27	3...44	600 mA cost.					
29	3...44	650 mA cost.					
31	3...44	700 mA cost.					
32	3...44	750 mA cost.					
33	3...42	800 mA cost.					
35	3...42	850 mA cost.					
38	3...42	900 mA cost.					
40	3...42	950 mA cost.					
42	3...42	1000 mA cost.					
42	3...40	1050 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



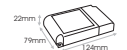
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (typical ripple at max output current ≤ 3 %**).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.440	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-50W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	2...74V	350mA cost.	90	-25...+50	85	0.95	> 89
35	2...72V	500mA cost.					
39	2...72V	550mA cost.					
46	2...72V	650mA cost.					
50	2...71V	700mA cost.					
50	2...66V	750mA cost.					
50	2...58V	850mA cost.					
50	2...55V	900mA cost.					
50	2...48V	1.05A cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load



1ch MULTI POWER
LED Drivers Constant Current

Constant Current LED Drivers **ES00**

- Constant Current output selection from 250mA up to 350mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

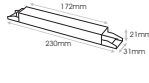


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.914	220-240VAC 50/60Hz	250-350mA*	25-54VDC*	13.5-19W*	≤ 7.5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency
13.5	25..54	250 mA cost.	60	-25...+50	65	0.9	<84%*
14.9	25..54	275 mA cost.					
16.2	25..54	300 mA cost.					
17.6	25..54	325 mA cost.					
19	25..54	350 mA cost.					

*Referred to V_{in} = 230V, 100% load



- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

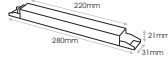


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.909	220-240VAC 50/60Hz	100-400mA*	50-140VDC*	14-50W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency
14	60..140	100 mA cost.	250	-25...+50	70	0.98	<93%*
21	50..140	150 mA cost.					
28	50..140	200 mA cost.					
35	50..140	250 mA cost.					
42	50..140	300 mA cost.					
49	50..140	350 mA cost.					
50	50..125	400 mA cost.					

*Referred to V_{in} = 230V, 100% load



- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

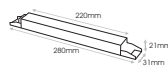


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.934	220-240VAC 50/60Hz	100-400mA*	220-188VDC*	22-75W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency
22	60..220	100 mA cost.	250	-25...+50	75	0.99	<94%*
33	50..220	150 mA cost.					
44	50..220	200 mA cost.					
55	50..220	250 mA cost.					
66	50..220	300 mA cost.					
75	50..214	350 mA cost.					
75	50..188	400 mA cost.					

*Referred to V_{in} = 230V, 100% load



Constant Current LED Drivers **ES00**

1ch MULTI POWER
LED Drivers Constant Current

- Constant Current output selection: from 350mA up to 500mA (PCK.320), from 200mA up to 350mA (PCK.216).
- Protections: Short circuits, Overheating, Overloads.
- Non-Dimmable



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.216	220-240VAC 50/60Hz	200-350mA*	30-270VDC*	54-80W*	≤ 3%**	IP20
PCK.320	220-240VAC 50/60Hz	350-500mA*	30-210VDC*	73.5-80W*	≤ 3%**	IP20

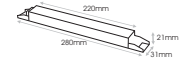
*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency
54	30..270	200 mA cost.	390	25...+50	85	0.95*	>94**
54.5	30..270	210 mA cost.					
59	30..270	220 mA cost.					
62	30..270	230 mA cost.					
64.5	30..270	240 mA cost.					
67.5	30..270	250 mA cost.					
70	30..270	260 mA cost.					
72.5	30..270	270 mA cost.					
72.5	30..270	280 mA cost.					
78	30..270	290 mA cost.					
80	30..266	300 mA cost.					
80	30..258	310 mA cost.					
80	30..250	320 mA cost.					
80	30..242	330 mA cost.					
80	30..235	340 mA cost.					
80	30..228	350 mA cost.					

*P_{out} = 46W
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency
73.5	30..210	350 mA cost.	250	-25...+50	85	0.95	>93*
75.5	30..210	340 mA cost.					
77.5	30..210	370 mA cost.					
80	30..210	380 mA cost.					
80	30..205	390 mA cost.					
80	30..200	400 mA cost.					
80	30..195	410 mA cost.					
80	30..190	420 mA cost.					
80	30..186	430 mA cost.					
80	30..181	440 mA cost.					
80	30..177	450 mA cost.					
80	30..174	460 mA cost.					
80	30..170	470 mA cost.					
80	30..166	480 mA cost.					
80	30..163	490 mA cost.					
80	30..160	500 mA cost.					

*Referred to V_{in} = 230 V, 100% load



- Constant Current output selection from 250mA up to 700mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

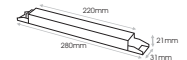


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.955	220-240VAC 50/60Hz	250-700mA*	220-143VDC*	55-100W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency
55	80..220	250 mA cost.	250	-25...+60	75	0.99	≤ 0.95
66	80..220	300 mA cost.					
77	80..220	350 mA cost.					
88	80..220	400 mA cost.					
99	80..220	450 mA cost.					
100	80..200	500 mA cost.					
100	80..182	550 mA cost.					
100	80..167	600 mA cost.					
100	80..154	650 mA cost.					
100	80..143	700 mA cost.					

*Referred to V_{in} = 230V, 100% load



1ch 350-700mA

Small Size

LED Drivers Constant Current

Constant Current LED Drivers **500**

- Non-Dimmable
- Short circuit protection.
- Suitable for cutting holes down to 32mm.



350mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.474	220-240VAC 50/60Hz	5-10VDC	1.7-3.5W	350mA	IP20



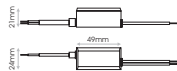
500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.475	220-240VAC 50/60Hz	5-10VDC	2.5-5W	500mA	IP20



700mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.476	220-240VAC 50/60Hz	5-10VDC	3.5-7W	700mA	IP20



1ch 200-1050mA

LED Drivers Constant Current

Constant Current LED Drivers **500**



- Non-Dimmable
- Short circuit protection.
- Overload protection.

200mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.958	220-240VAC 50/60Hz	23-40VDC	4.6-8W	200mA	IP20



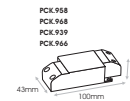
250mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.968	220-240VAC 50/60Hz	23.2-40VDC	5.8-10W	250mA	IP20



300mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.939	220-240VAC 50/60Hz	30-42VDC	9-12.6W	300mA	IP20
PCK.966	220-240VAC 50/60Hz	28-50VDC	8.4-15W	300mA	IP20



1ch 200-1050mA
LED Drivers Constant Current

- Non-Dimmable
- Short circuit protection.
- Overload protection.

350mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.482	110-240VAC 50/60Hz	2-22VDC	0.7-7.7W	350mA	IP20
PCK.184	110-240VAC 50/60Hz	3-24VDC	1-8W	350mA	IP20
PCK.202	110-255VAC 50/60Hz	3-36VDC	1-8W	350mA	IP20
PCK.477	220-240VAC 50/60Hz	14-24VDC	4.9-8.4W	350mA	IP20
PCK.919	220-240VAC 50/60Hz	17.1-29.1VDC	6-10.2W	350mA	IP20



Code	Supply Voltage	Output Voltage	Output Power	Output Current	Typical ripple of max output current	IP Rate
PCK.319	220-240VAC 50/60Hz	2-41VDC*	15W*	350mA*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to $V_{in} = 230V, 100\%$ load

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency*
15	2-41	350 mA const.	44	25...+45	75	0.94C	77

*Referred to $V_{in} = 230V, 100\%$ load

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.451	220-240VAC 50/60Hz	25-43VDC	8.8-15.1W	350mA	IP20
PCK.176	100-240VAC 50/60Hz	9-57VDC	3-20W	350mA	IP67
PCK.179	100-240VAC 50/60Hz	40-58VDC	14-20.3W	350mA	IP42



Constant Current LED Drivers **500mA**

ECO Constant Current LED Drivers

1ch 200-1050mA
LED Drivers Constant Current

- Non-Dimmable
- Short circuit protection.
- Overload protection.

500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.097	100-230VAC 50/60Hz	4-12.6VDC	1-6W	500mA	IP20
PCK.926	220-240VAC 50/60Hz	11-20VDC	5.5-10W	500mA	IP20
PCK.927	220-240VAC 50/60Hz	30-42VDC	15-21W	500mA	IP20
PCK.915	220-240VAC 50/60Hz	33-42VDC	16.5-21W	500mA	IP20
PCK.181	100-240VAC 50/60Hz	15-50VDC	7.5-25W	500mA	IP30



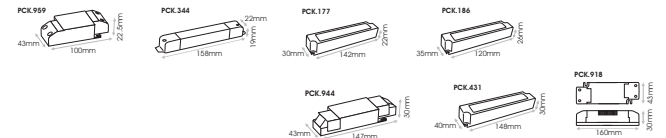
700mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.959	220-240VAC 50/60Hz	8-14.6VDC	5.6-10.2W	700mA	IP20
PCK.344	200-240VAC 50/60Hz	2-16.5VDC*	11W*	700mA	IP20

P out W	V out DC	I out DC	V out max.	t _a °C	t _c °C	A max. Power Factor	η max. Efficiency*
11	2-16.5	700 mA const.	18	25...+50	80	0.94C	77

*Referred to $V_{in} = 230V, 100\%$ load

PCK.177	200-240VAC 50/60Hz	6-25VDC	4.2-17.5W	700mA	IP67
PCK.186	90-240VAC 50/60Hz	9-30VDC	6.3-21W	700mA	IP67
PCK.944	220-240VAC 50/60Hz	30-42VDC	21-29.4W	700mA	IP20
PCK.431	90-240VAC 50/60Hz	9-48VDC	6.3-33.6W	700mA	IP67
PCK.918	220-240VAC 50/60Hz	47-86VDC	32.9-60.2W	700mA	IP20



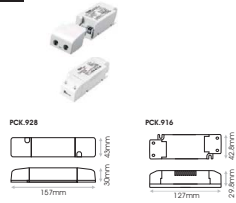
1ch 200-1050mA
LED Drivers Constant Current

Constant Current LED Drivers **ES02**

800mA

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.928	220-240VAC 50/60Hz	30-42VDC	24-33.6W	800mA	IP20
PCK.916	220-240VAC 50/60Hz	33-44VDC	26.4-35.2W	800mA	IP20



900mA

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.906	220-240VAC 50/60Hz	30-42VDC	27-36W	900mA	IP20



1050mA

- Non-Dimmable
- Short circuit protection.
- Overload protection.

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.178	200-240VAC 50/60Hz	9-48VDC	50W	1050mA	IP67





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