ENTTEC

9C Series Datasheet
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9C Series

Commercial Grade LED Tape

Features

- Minimum 8mm pitch
- Supplied in 10 meters reels
- Standard size 11mm(W) x 2.3mm(H)
- Customized Length available
- 120 LEDs per meter
- High light output L70-50000 hours
- High- quality LEDs with 2 step binning for maximum colour consistency and longevity
- Dimmable by ENTTEC CV Driver or DIN-LED4PX
- Can be joined together
- Can be cut to a smaller length
- Minimum cut length 50mm (except for 9CY)
- Input and output connections (loose cable)
- Constant current control, consistent brightness along the full length.
- 9CL series maximum continuous operating length up to 17M from a single power source
- IP20 Indoor use only

Specifications

Item	9CL	9CM	9CH	9CU	9CY
Input Voltage (VCC)	+24 VDC				
Consumption (W/m)*	6.4	9.6	14.64	20.4	WW: 7.44 CW: 7.48
Output Luminance (lm/m)	562	840	1385	1704	488 (3000K) 570 (5500K)
CRI (Ra)	>90				
R9	>50				
Operation Temperature	-10° to 50° C				
Connection (In/Out)	Loose Cable				
IP Rating	IP20 / IP65 (with Silicone accessory)				
PCB Color	White				

*Please Note: Operating the strip without a proper heat-sink can permanently damage the electronics and void the warranty. Several of heatsink extrusions can be purchased from ENTTEC website.
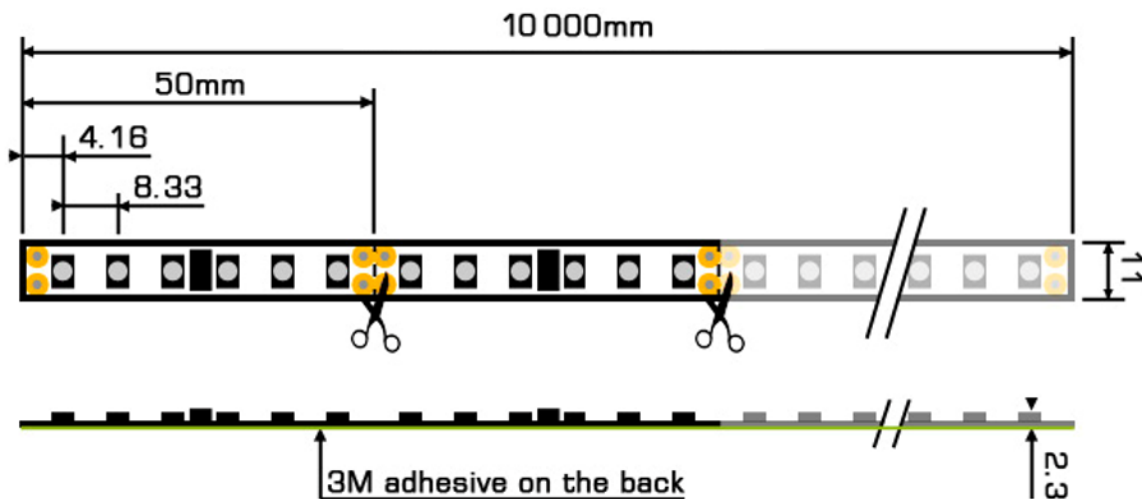
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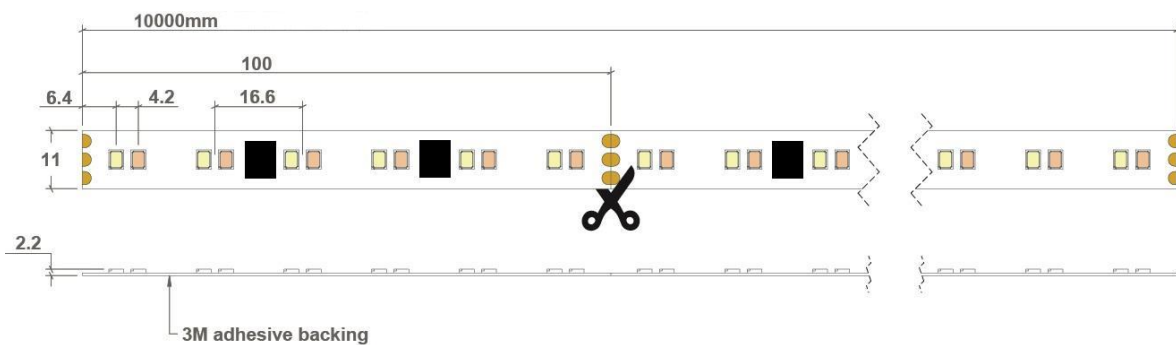9C Series Datasheet
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White Temperature

Item	Color	White Temperature	Item	Color	White Temperature
9CL	Warm White	3000K	9CU	Warm White	3000K
	Natural White	4000K		Natural White	4000K
	White	6000K		White	6000K
9CM	Warm White	3000K	9CY	CTA[1]	3000K-5500K
	Natural White	4000K		1: CTA: Color temperature adjustable	
	White	6000K			
9CH	Warm White	3000K			
	Natural White	4000K			
	White	6000K			

Dimensions

All except for 9CY

9CY Only

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Continuous operating length

Type	Max continuous operating tape (m)
9CL	17
9CM	13
9CH	9
9CU	6
9CY	9.2

*Please Note: The maximum continuous operating length is measured with a single 24V power supply and it only injects power to one end of the product. At any point of maximum continuous operating length, the light intensity remains the same.

Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice.

Ordering Information

The ENTTEC LED strips and compatible products can be ordered from our website or through your ENTTEC dealer.

Item	Value
73520	ALEPH 1 CV DRIVER (24V)
79324	24V 60W Constant Voltage LED PSU
71003	DIN-LED4PX
9CL1	Cool White (6000K CRI>80**) Standard Output Strip
9CL2	Neutral White (4000K CRI>80**) Standard Output Strip
9CL3	Warm White (3000K CRI>80**) Standard Output Strip
9CM1	Cool White (6000K CRI>80**) Medium Output Strip
9CM2	Neutral White (4000K CRI>80**) Medium Output Strip
9CM3	Warm White (3000K CRI>80**) Medium Output Strip
9CM4	Candle (2200K CRI>80**) Medium Output Strip
9CH1	Cool White (6000K CRI>80**) High Output Strip
9CH2	Neutral White (4000K CRI>80**) High Output Strip
9CH3	Warm White (3000K CRI>80**) High Output Strip
9CY	Colour Temperature Adjustable Strip(3000k-5500K CRI>80**)
9CU1	Cool White (6000K CRI>80**) Ultra High Output Strip
9CU2	Neutral White (4000K CRI>80**) Ultra High Output Strip
9CU3	Warm White (3000K CRI>80**) Ultra High Output Strip

**Tolerance of Color Rendering Index: ±2

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