

Black pixel strip RGBW 8PXW60-F-12-B



Features

- RGBW, 4 in 1 full colour LED pixel strip.
- Addressable led pixels, suitable for stage, entertainment and architectural applications
- 20 Pixels/meter
- 60 LEDs/meter
- Designed for use with ENTTEC Pixel Link System
- Maximum 20 Watts/Metre
- Maximum 511 Lumens/Metre
- IC UCS2904 compatible with WS2812B
- 5050 RGB LEDs
- 256 greyscale display resolution and scan frequency not less than 1.5KHz/s
- 3M adhesive double side tape at the back
- Built-in data signal reshaping circuit
- 12V DC input supply voltage
- Flexible construction material
- Small LED pitch
- Can be joined together
- Can be cut into a smaller length
- IP20 Indoor use only
- 12.8m run for individual R/G/B colour without power injection
- Refer to installation guide for more run length info

Safety

- Do not expose this strip to rain
- Do not allow liquid to build up around the strip.
- Do not exceed the rated 12V DC power supply.

- Please adhere to installation instruction sheet
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- Do not put excess pressure on the strip, as it can damage the LEDs.

Specifications

| Item | 8PXW60-F-12-B | |
|---|----------------------------------|------|
| Input Voltage | +12V ~ +12.3VDC | |
| Data line Voltage | -0.5V ~ VCC+0.5V | |
| Watts/meter (max) | Red | 5.6 |
| | Green | 5.9 |
| | Blue | 5.8 |
| | All (RGB) | 13.8 |
| | White | 5.8 |
| | Total | 19.7 |
| Lumens/meter | RGB: 274 W: 236 Total: 511 | |
| Efficacy (Lm/Watt) | 25.9 | |
| DMX Channels/LED | 4 | |
| Beam angle | 120 ° | |
| Control protocol | UCS2904 | |
| Connector | JST SM connectors | |
| Weight (5m roll) | 250g | |
| Operating temperature | 5°C to 50°C | |
| Pixel Mapping Order | RGBW | |
| Front polymer encapsulation seal | No | |
| IP rating | IP20 | |
| PCB color | Black | |

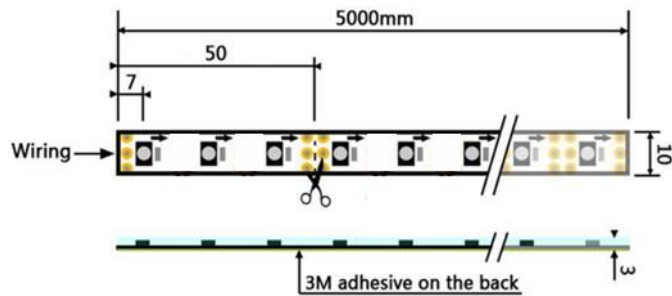
| | |
|--------------------------|---------------|
| White temperature | 4050K – 4250K |
|--------------------------|---------------|

Note

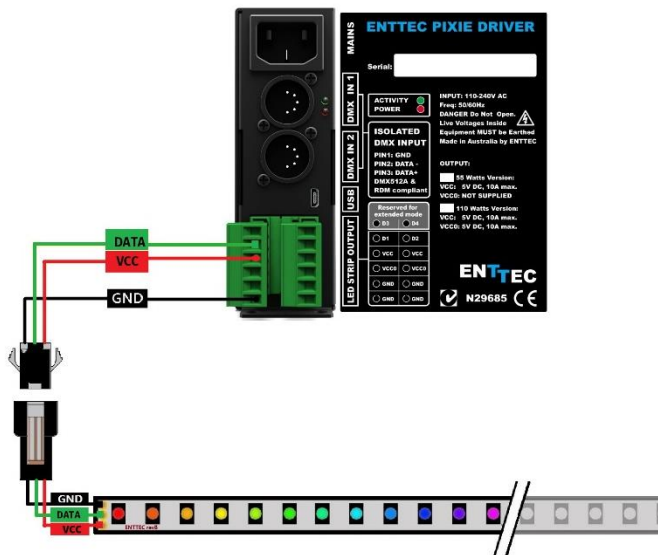
Power measurements calculated using 1m Strip driven at 12V.

Physical Dimensions

60 Pixels/meter



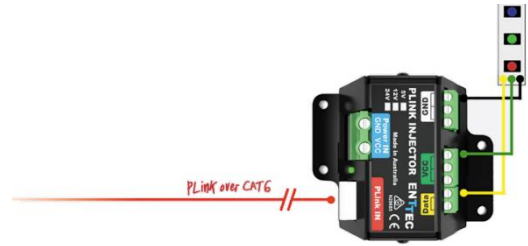
Connections with Pixie Driver:



Notes:

- The middle wire of the tap JST connector is always DATA regardless of color
- It is important to turn off the mains to the devices before doing any led strip connections.

Connections with Plink Injector:



Notes:

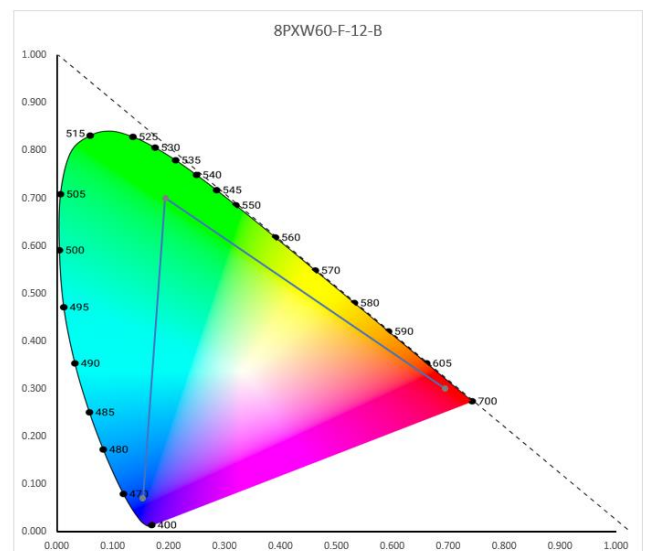
- The wire in the middle of a JST connector is always DATA regardless of color
- It is important to turn off the mains to the devices before doing any led strip connections.

Ordering Information

| Item | Value |
|----------------------|---|
| 70060 | Pixelator |
| 70066 | Pixelator Mini |
| 71066 | Pixelator Mini – PX1-8D |
| 73542 | PIXIE DRIVER 12V (65 WATTS) |
| 73543 | PIXIE DRIVER 12V (130 WATTS) |
| 73544 | Plink Injector 12V |
| 76302-16 | Pixel Port 12V (65 WATTS) |
| 75008-16 | PSAT 12V (65 WATTS) |
| 8PXW60-F-12-B | RGBW PIXEL STRIP 60 LEDS/METER 12V - 5M Roll BLACK NO COATING |

The ENTTEC 8P Pixel strips and compatible products can be ordered from our website or through your ENTTEC dealer.

Color Gamut Chart



enttec.com

MELBOURNE AUS / LONDON UK / RALEIGH-DURHAM USA