ENTTEC

Preliminary Datasheet
8PXW60-F-12-B
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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	

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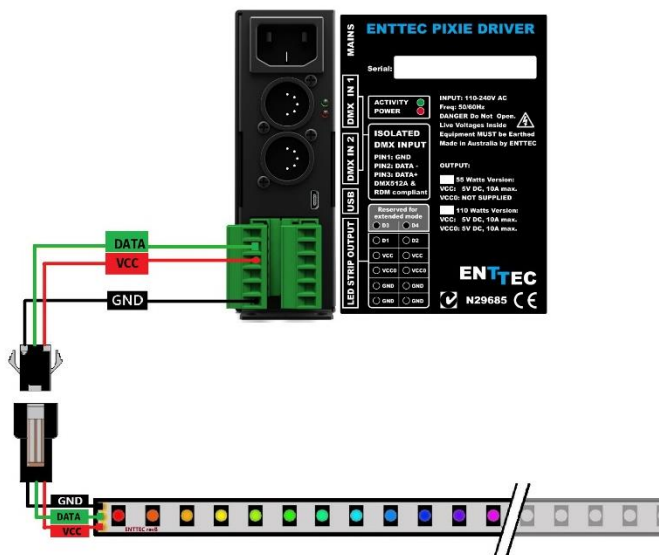| White temperature	4050K – 4250K

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

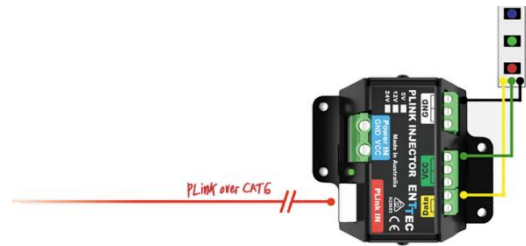## Physical Dimensions

60 Pixels/meter
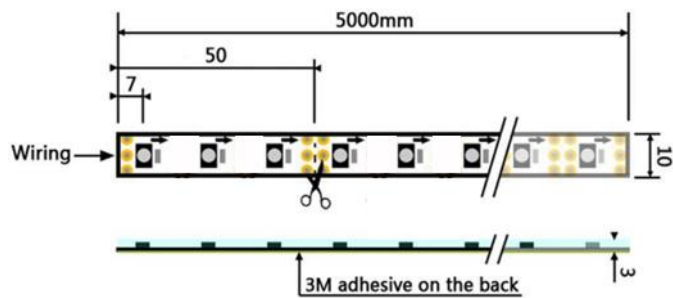
Connections with Pixie Driver:

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.

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Connections with Plink Injector:
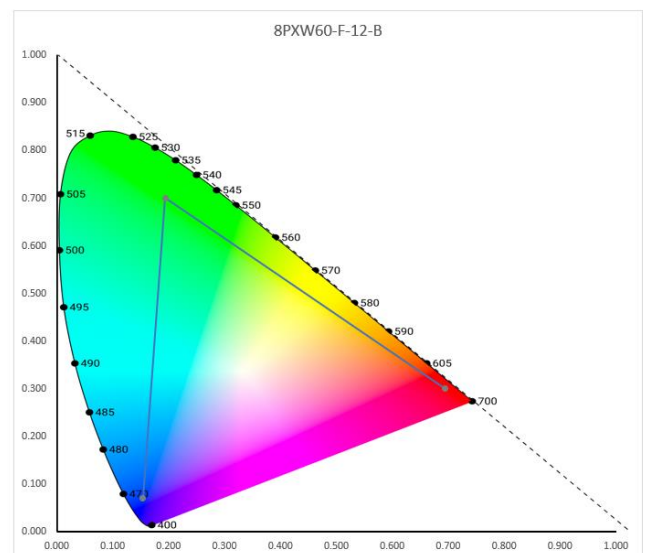

PLink over CAT6

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

ID: 4555208