ENTTEC

Datasheet
50528
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ENTTEC 8PL Pixel Strips

PIXEL Tapes

Features

- RGB, 3 in 1 full colour LED pixel strip.
- Individually addressable led pixels, suitable for both stage and architectural applications
- Available in three different densities: 30, 60 and 144 Pixels/Metre
- Designed for use with ENTTEC Pixel Link System
- Up to 25 Watt/Metre
- Up to 420 Lumens/Metre
- WS2812B chips built into 5050 RGB LEDs
- Each pixel can achieve 16,777,216 full colour display and scan frequency not less than 400Hz/s
- 3M adhesive double side tape at the back
- Built-in data signal reshaping circuit
- 5V DC input supply voltage
- Flexible construction material
- Front Polymer encapsulation seal
- Small LED pitch
- Can be joined together
- Can be cut into a smaller length
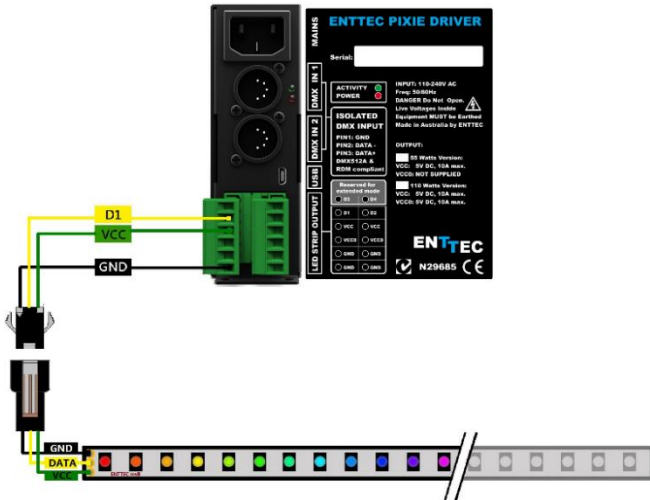- IP20 Indoor use only

Safety

- Do not expose the units to rain
- Do not allow liquid to build up around the strip.
- Do not exceed the rated 5V 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.

Specifications

Item	8PL30-F	8PL60-F	8PL144-2
Input Voltage	+4.8V ~ +5.2VDC		
Data line Voltage	-0.5V ~ VCC+0.5V		
Watts/meter (max)	5.6 W	10.4 W	24.8 W
Lumens/meter	122	209	420
Efficacy (Lm/Watt)	21.7	20.2	16.9
DMX Channels/LED	3		
Beam angle	120 °		
Control protocol	WS2812B		
Connector	JST SM connectors		
Weight	270g		150g
Operating temperature	5 to 50°		
Pixel Mapping Order	GRB (Green, Red, Blue)		
Front polymer encapsulation seal	Yes		
IP Rating	20		
PCB Color	White		

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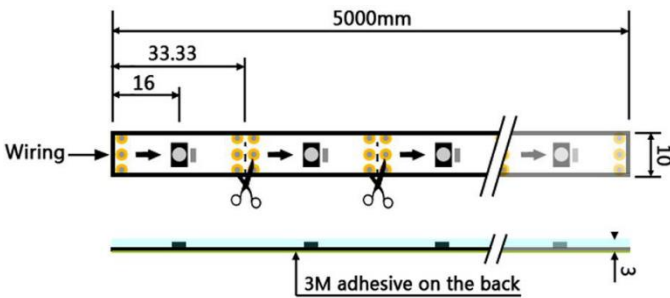## Connections with Pixie Driver:

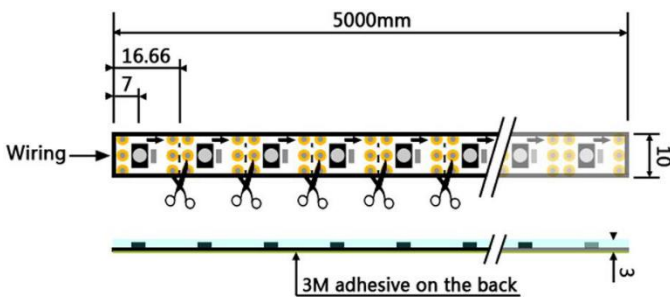It is important to turn off the mains to the devices before doing any led strip connections.
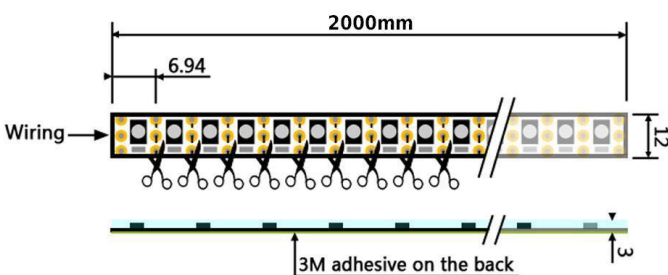

Physical Dimensions

30 Pixels/meter

60 Pixels/meter

144 Pixels/meter

Ordering Information

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

Item	Value
73540	PIXIE DRIVER 5V (110 WATTS)
73541	PIXIE DRIVER 5V (55 WATTS)
8PL30-F	RGB PIXEL STRIP 30 LEDS/METER 5V - 5M Roll
8PL60-F	RGB PIXEL STRIP 60 LEDS/METER 5V - 5M Roll
8PL144-2	RGB PIXEL STRIP 144 LEDS/METER 5V - 2M Roll

Colour Gamut Charts

enttec.com

MELBOURNE AUS / **LONDON** UK / **RALEIGH-DURHAM** USA

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