8PX60-12-B
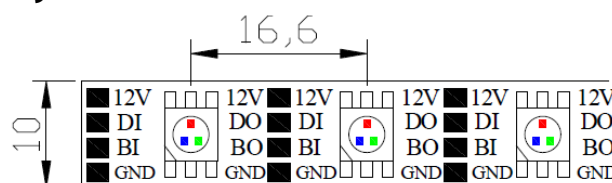## 12 V 60 PIXEL/METER BLACK STRIP

Features

- RGB, 3 in 1 full colour LED pixel strip.

- Individually addressable led pixels, suitable for stage, entertainment and architectural applications

- 60 Pixels/meter density

- Designed for use with ENTTEC Pixel products

- Maximum 8.5 Watts/Metre

- WS2815 chips built into 5050 RGB LEDs

- 256 grayscale

- 120-degree illumination without dark area

- 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

- Back up data line BI/BO (In/Out)

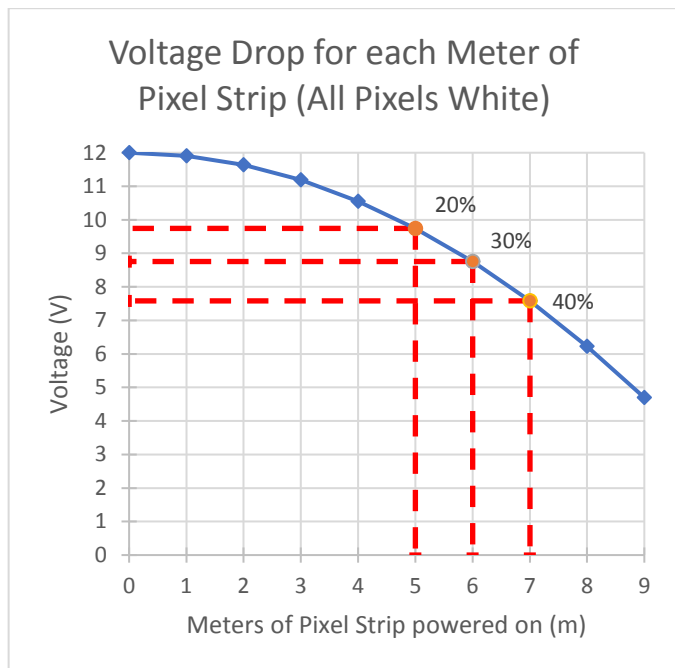## Physical Dimensions

Note
All dimensions are in mm

Safety

- Do not expose this pixel strip to rain

- Do not allow liquid to build up around the pixel 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 pixel strip, as it can damage the LEDs.

- Pixel strips produce heat; ensure proper thermal management with the use of extrusions

Ordering Information

Part Number	Description
8PX60-12-B	RGB PIXEL STRIP 60 LEDs/METER 12V – 5meter roll BLACK

Voltage Drop of Pixel Strip

Voltage Drop for each Meter of Pixel Strip (All Pixels White)

- The graph shows the voltage drop for each meter of pixel strip when all pixels are white (RGB channels fully on)
- The pixel strip had single injection as shown in the wiring diagram below
- For more information on maximum run length refer to the installation sheet

Specifications

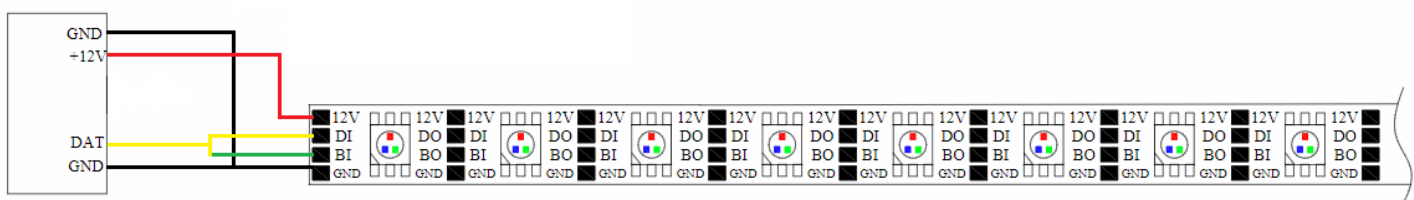| Item	8PX60-12-B	
Input Voltage	+11.7V ~ +12.2VDC	
Data line Voltage	−0.5V ~ VCC+0.5V	
Watts/meter (max)	All (RGB)	8.5
Lumens/meter	RGB: 122	
Efficacy (Lm/Watt)	14.9	
DMX Channels/LED	3	
Beam angle	120 °	
Control protocol	WS2815	
Connector	JST SM connectors	
Weight (5m roll)	115 g	
Operating temperature	−20°C to 55 °C	
Pixel Mapping Order	GRB	
Front polymer encapsulation seal	No	
IP Rating	20	
PCB Colour	Black	

Note

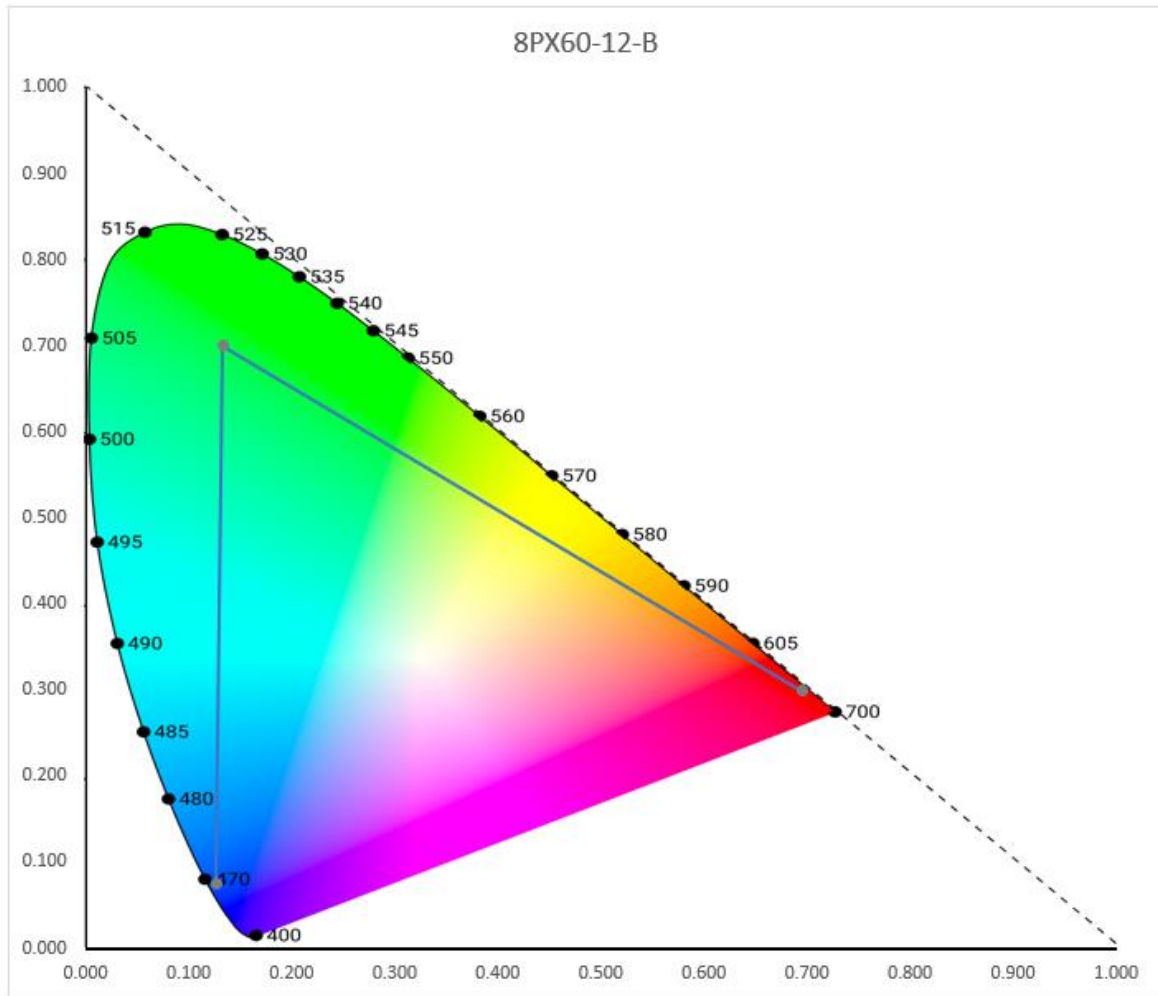Power measurements calculated using 1m pixel strip driven at 12V

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

Wiring Diagrams

Color Gamut Chart

8PX60-12-B