LED Pixel Tape
12V RGBW

ENTTEC 8PXW60-F-12-B is a 12v 60 LED per meter addressable RGBW LED Pixel Strip allowing individual color control over clusters of 3 RGBW LED's (20 per meter), well suited to professional architectural and entertainment purposes, used to display smooth animated graphics achieving soft pastels and saturated colors on a large scale. Cut and join into any conceivable shape. Its black PCB makes it perfectly suited for direct view applications where the black PCB will be lost in the darkness when all pixels are off. Its fast 1.2KHz scan rate and 8-bit color depth mean graphics and animations are played back are smooth and consistent. At ENTTEC, manufacturing quality and attention to detail is paramount. We always use thicker copper PCB to offer more durability, better heat dissipation, and reduced voltage drop when compared to other LED strips available on the market. This in combination with the 12v operating voltage allows up to a 5m run with single power injection. 4.29 billion possible shades per LED.

IP20   **RGBW**

Physical Dimension
60 Pixels/meter

SPECIFICATIONS

Material Specifications

Material	Flexible Printed circuit-board, black
Mounting	3M Peel-off adhesive, mount on Aluminium
Dimensions	10mm(W)
Cuttable Length	50mm
Roll Length	5m
Ingress Protection	IP20
Warranty	3 Year Replacement

Electrical Specifications

Input Voltage	DC12V
Output Type	Maximum 19.7W/m (RGB: 13.9 W, W: 5.8 W)
Connection Method	1* 3Pin JST SM connector (3A max)
Power Supply	12V Constant Voltage. Sold Separately
Operating Temperature (Ta)	0°C to 50°C

Optic Specifications

Light Source	RGBW, 60 LED's/m, 20 Pixels/m
Nominal Lumens	RGB: 274lm/m, W: 236lm/m
Beam Angle	120°
CRI	95Ra
Colour Deviation	SDCM ≤ 3
Reported L70 (Hours)	25,000 Hrs

VARIATIONS

8PXW60-F-12-B	LED Pixel Tape 12V RGBW, 60 LED/m 20px/m, 5m roll, 120°, RGBW