Eluxtra™

Eluxtra™ 16 Bit XL Pixel LED Strip Light, RGBW - Black Finish, 12V

RGBXX-PXL-16B-72-12V-B-5m, RGBA-PXL-16B-72-12V-B-5m

c(UL)us LISTED CE

PRODUCT DESCRIPTION

Eluxtra™ 16-Bit XL Pixel LED Strip Light is an advanced, high-performance lighting solution designed for exceptional color accuracy and seamless dimming. Featuring three LEDs per pixel, this strip delivers striking dynamic lighting effects and vibrant color gradients.

Its 16-bit control technology ensures precise brightness adjustment, enabling ultra-smooth dimming transitions. 72 LEDs per meter and cutting increments of 1.64 inches enable users to unlock the creative potential of linear lighting with high pixel resolution and reduced hotspots.

The black finish blends seamlessly into dark environments, making this an ideal product for theatrical and entertainment applications. Designed for professional installations, it operates at 12 VDC and is UL Listed for safety and reliability.

Ideal Application: Ideal choice for theatrical and entertainment installations that require exceptionally smooth dimming and color accuracy. This strip enables users to create custom lighting animations and color gradients, plus the black finish enables this strip to blend seamlessly into dark environments.

PRODUCT FEATURES

• 16-bit control for ultra-smooth dimming
• 3 LEDs per pixel, 120 pixels per reel
• 960 channels per reel
• IC chip - UCS7604
• Sleek black finish blends seamlessly into dark environments
• Flexible and durable for versatile applications

REGULATORY

• UL Listed, RoHS Compliant

TECHNICAL SPECIFICATIONS

Product Number	RGB65-PXL-16B-72-12V-B-5m	RGB30-PXL-16B-72-12V-B-5m	RGBA-PXL-16B-72-12V-B-5m
Ambient Temperature	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C
Average Lifetime	50,000 Hours	50,000 Hours	50,000 Hours
Beam Angle	120°	120°	120°
Brightness	549 lm/m	516 lm/m	358 lm/m
Color Detail	Red, Green, Blue, 6500K	Red, Green, Blue, 3000K	Red, Green, Blue, Amber
Density	72 LEDs/m	72 LEDs/m	72 LEDs/m
Finish	Black	Black	Black
Height	0.08 in [2 mm]	0.08 in [2 mm]	0.08 in [2 mm]
Input Current	4166 mA	4166 mA	4166 mA
Input Voltage	12 DC	12 DC	12 DC
IP Rating	IP20	IP20	IP20
Lead Detail	Bare Wire / 200 mm (both)	Bare Wire / 200 mm (both)	Bare Wire / 200 mm (both)
Length	16.4 ft [5 m]	16.4 ft [5 m]	16.4 ft [5 m]
Min. Cutting Increment	1.64 in [41.67 mm]	1.64 in [41.67 mm]	1.64 in [41.67 mm]
Power (Watts/ft)	3 Watts/ft	3 Watts/ft	3 Watts/ft
Power (Watts/m)	10 Watts/m	10 Watts/m	10 Watts/m
Regulatory	UL, RoHS	UL, RoHS	UL, RoHS
Warranty	3 years limited	3 years limited	3 years limited
Width	0.47 in [12 mm]	0.47 in [12 mm]	0.47 in [12 mm]

Eluxtra™ products are exclusively available for purchase through Environmental Lights and City Theatrical.
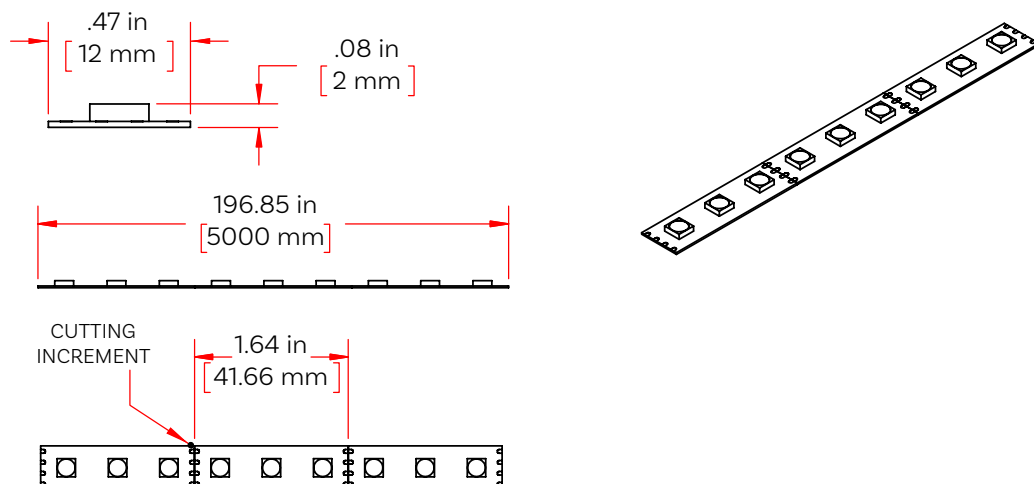
Environmental Lights™

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MECHANICAL SPECIFICATIONS

.47 in
[12 mm]

.08 in
[2 mm]

196.85 in
[5000 mm]

CUTTING INCREMENT

1.64 in
[41.66 mm]