

Eluxtra™

Eluxtra™ ProFlex PixelControl Wide Top LED Neon, RGB

PLNW-PF-RGB-5m, PLNW-PF-RGB-10m



PRODUCT DESCRIPTION

Eluxtra™ ProFlex PixelControl Wide Top RGB LED Neon combines the creative potential of RGB neon lighting with the ability to create smooth gradients and dynamic effects utilizing our PixelControl technology. The strip light is encased in a flexible silicone housing that provides excellent diffusion, and at IP68, it is ideal for indoor and outdoor use. Injection molded ends ensure your lighting will remain free from dust and water.

Wide Top refers to an integrated diffuser that is wider and taller than our standard LED Neon. This allows for more light to be seen from the side and top of the strip, without having to compromise on the flexibility or durability of this product.

Eluxtra™ ProFlex PixelControl Wide Top LED Neon operates on 24 VDC and can run up to 15-meters when powered from one end. Control is simple and straightforward using any of our pixel controllers. Custom lengths and wire exits available by request.

Ideal Application: Ideal for indoor and outdoor applications and is an ideal product for retail, hospitality, scenic and architectural installations.

TECHNICAL SPECIFICATIONS

Product Number	PLNW-PF-RGB-5m	PLNW-PF-RGB-10m
Ambient Temp.	-40°C to 55°C	-40°C to 55°C
Average Lifetime	50,000 hours	50,000 hours
Beam Angle	150°	150°
Brightness	50/120/30 lm/meter	50/120/30 lm/meter
Color Detail	Red, Green, Blue	Red, Green, Blue
Density	56 LEDs/m	56 LEDs/m
Height	1.19 in [30 mm]	1.19 in [30 mm]
Input Current	2500 mA	5000 mA
Input Voltage	24 DC	24 DC
IP Rating	IP68	IP68
Linkable Up To	15 meters	15 meters
Lead Detail	Bare Wire / 2m in / 1m out	Bare Wire / 2m in / 1m out
LED Node Size	5050	5050
Length	16.4 ft [5 m]	32.81 ft [10 m]
Min. Cutting Inc.	4.92 in [125 mm]	4.92 in [125 mm]
Power (Watts/ft)	3.7 Watts/ft	3.7 Watts/ft
Power (Watts/m)	12 Watts/m	12 Watts/m
Regulatory	UL, RoHS, UKCA, CE	UL, RoHS, UKCA, CE
Warranty	5 years limited	5 years limited
Width	0.63 in [16 mm]/0.45 in [11.5 mm]	0.63 in [16 mm]/0.45 in [11.5 mm]



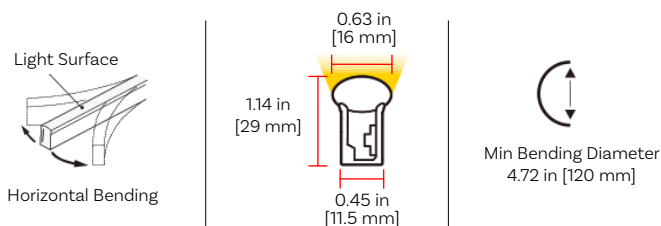
PRODUCT FEATURES

- High-quality silicone casing engineered for durability & easy maintenance
- Silicone casing provides excellent diffusion
- Diffuser is taller & wider, allowing for light to be seen from the side & top
- Flexible & easy to install
- PixelControl technology enables smooth gradients & dynamic effects
- UCS2903 IC
- 10m reel: 62.5mm per pixel | 40 pixels per reel | .24 universes per reel
- 5m reel: 125mm per pixel | 80 pixels per reel | .47 universes per reel
- IP68, suitable for indoor or outdoor use
- Dust resistant
- Run length up to 15 meters when powered from one end
- 2-meter input lead, 1-meter output lead
- Compatible connectors available

REGULATORY

- UL Listed, RoHS, UKCA & CE Compliant
- Warranty: 5 Year Limited

MECHANICAL SPECIFICATIONS



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

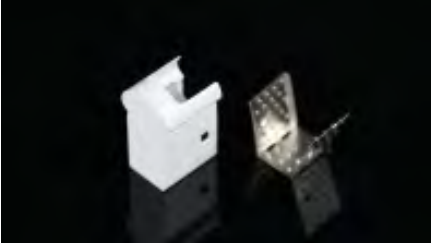



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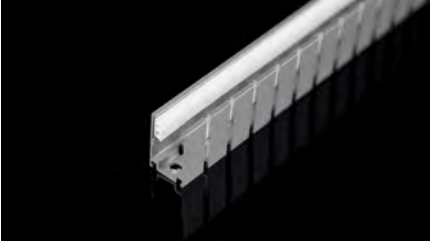



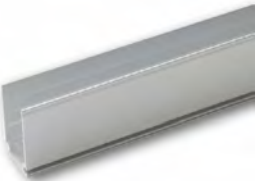
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CONNECTORS & ACCESSORIES

Product	Description
<p>Eluxtra™ ProFlex LED Neon, Wide Top End Cap LNW-PF-ST-EC</p> 	<p>This IP68 end cap is used to seal Eluxtra™ ProFlex LED Neon Wide Top. It gives your lighting a finished look and protects them from dust and rain. It is durable and easy to install.</p>
<p>Eluxtra™ ProFlex LED Neon, 4-Wire Connector 01 LN-PF-4-ST-01-2m</p> 	<p>This is a 4-wire, IP68 connector designed for use with Eluxtra™ ProFlex LED strip lights. It features a 2-meter lead, providing flexibility for various setups. Look for the “01” marking on your strip light to ensure you are connecting in the proper direction.</p>
<p>Eluxtra™ ProFlex LED Neon, 4-Wire Connector 02 LN-PF-4-ST-02-2m</p> 	<p>This is a 4-wire, IP68 connector designed for use with Eluxtra™ ProFlex LED strip lights. It features a 2-meter lead, providing flexibility for various setups. Look for the “02” marking on your strip light to ensure you are connecting in the proper direction.</p>
<p>Eluxtra™ ProFlex LED Neon, 4-Wire Jumper PF-4-SPS-JUMP-300mm</p> 	<p>This is a 4-wire, IP68 jumper designed to connect two sections of Eluxtra™ ProFlex LED strip lights that have been cut to custom lengths. Look for the “01” and “02” markings on your strip light to ensure you are connecting in the proper direction.</p>

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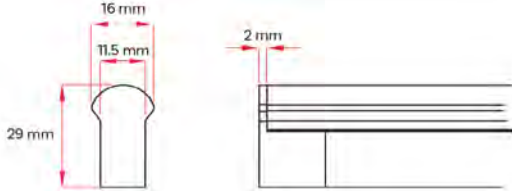

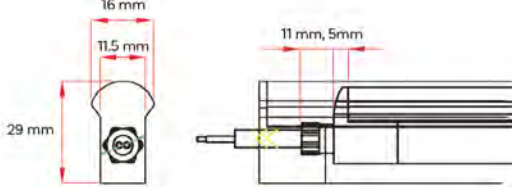

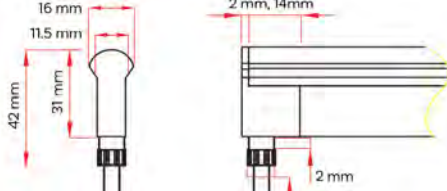

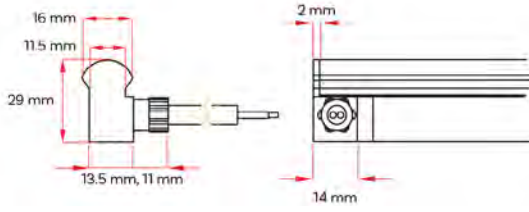
CONNECTORS & ACCESSORIES CONT'D

Product	Description
<p>Eluxtra™ ProFlex LED Neon, Secure Grip Flexible Mounting Channel, 1m LN-PF-U-SG-FLEX-1m</p> 	<p>This is a flexible aluminum mounting channel compatible with Eluxtra™ ProFlex LED Neon. The secure-grip design enables you to mount and protect your lighting with ease. Sold in 1-meter units.</p>
<p>Eluxtra™ ProFlex LED Neon, Mounting Clip LN-PF-U-CLIP</p> 	<p>This is a high-grade aluminum extrusion designed for Eluxtra™ ProFlex LED Neon. The neon fits snug with no need for adhesives or fasteners to hold it in place.</p> <p>Each clip has one hole pre-drilled in the back and comes with one screw. It is easy to secure using a power screwdriver.</p>
<p>Eluxtra™ ProFlex LED Neon, Secure Grip Mounting Channel, 2m LN-PF-U-SG-2m</p> 	<p>This is a high-grade aluminum mounting channel compatible with Eluxtra™ ProFlex LED Neon. The secure-grip design enables you to mount and protect your lighting with ease. Sold in 2-meter units.</p> <p>The channel comes with five screws. It can be easily secured using a power screwdriver and cuts easily using any metal saw.</p>
<p>Eluxtra™ ProFlex LED Neon, Secure Grip Mounting Clip LN-PF-U-SG-Clip</p> 	<p>This is a high-grade aluminum extrusion designed for Eluxtra™ ProFlex LED Neon. The secure-grip design enables you to mount and protect your lighting with ease, ensuring that the neon stays in place.</p> <p>Each clip has one hole pre-drilled in the back and comes with one screw. It is easy to secure using a power screwdriver.</p>
<p>Eluxtra™ ProFlex LED Neon, Mounting Channel - 2m LN-PF-U-2m</p> 	<p>This is a high-grade aluminum mounting channel compatible with Eluxtra™ ProFlex LED Neon. The neon fits snug with no need for adhesives or fasteners to hold it in place. Sold in 2-meter units.</p> <p>Each channel has 10 holes pre-drilled in the back and comes with 10 screws that are 13.42mm (just over ½ inch) long. It can be easily secured using a power screwdriver and cuts easily using any metal saw.</p>

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CONNECTORS & ACCESSORIES CONT'D

Note: Silicone Injection Molded Connectors are available by custom order. Contact your Sales Representative for more information.

Product	Description	Mechanical Specifications
Injection Molded Wide Top End Cap 	Custom Injection Molded Head End for ProFlex LED Neon, with Head End Cap.	
Injection Molded Wide Top Front Connector 	Custom Injection Molded tail end with front cable exit. Cable measures 2 m.	
Injection Molded Wide Top Bottom Connector 	Custom Injection Molded head end with bottom cable exit. Cable measures 2 m.	
Injection Molded Wide Top Side Exit Connector 	Custom Injection Molded tail end with side (right and left) cable exit. Cable measures 2 m.	

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