

Eluxtra™

Eluxtra™ ProFlex 5050 LED Strip Light, RGB

RGB-5050PF-60-15.5-5m, RGB-5050PF-60-15.5-10m



PRODUCT DESCRIPTION

Eluxtra™ ProFlex RGB 5050 LED Strip Light combines flexibility with durability, thanks to its rugged silicone casing. Providing high-quality RGB illumination, this IP67 strip light is ideal for indoor and outdoor use. Injection molded ends ensure your lighting will remain free from dust and water.

Eluxtra™ ProFlex RGB 5050 is UL Listed and can run up to 10 meters when powered from one end. It operates on 24 VDC and is easily controlled using one of our compatible controllers or dimmers. 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	RGB-5050PF-60-15.5-5m	RGB-5050PF-60-15.5-10m
Ambient Temperature	-40°C to 55°C	-40°C to 55°C
Average Lifetime	50,000 hours	50,000 hours
Beam Angle	90°	90°
Brightness	105/280/55 lm/meter	105/280/55 lm/meter
Color Detail	Red, Green, Blue	Red, Green, Blue
Density	60 LEDs/m	60 LEDs/m
Height	1.14 in [29 mm]	1.14 in [29 mm]
Input Current	2500 mA	5000 mA
Input Voltage	24 DC	24 DC
IP Rating	IP67	IP67
Linkable Up To	10 meters	10 meters
Lead Detail	Bare Wire / 2m (both)	Bare Wire / 2m (both)
LED Node Size	5050	5050
Length	16.4 ft [5 m]	32.81 ft [10 m]
Min. Cutting Increment	3.94 in [100 mm]	3.94 in [100 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	0.45 in [11.5 mm]	0.45 in [11.5 mm]



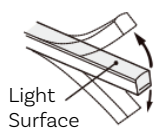
PRODUCT FEATURES

- High-quality silicone casing engineered for durability & easy maintenance
- Flexible & easy to install
- IP67, suitable for indoor or outdoor use
- Dust resistant
- Run length up to 10 meters when powered from one end
- 2-meter input & output leads
- Compatible connectors available

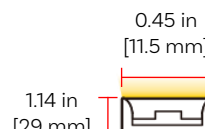
REGULATORY

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

MECHANICAL SPECIFICATIONS



Vertical Bending



Min Bending Diameter
1.97 in [50 mm]

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





Environmental
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CONNECTORS & ACCESSORIES

Product	Description
<p>Eluxtra™ ProFlex LED Strip Light, End Cap PF-SP-EC</p> 	<p>This IP67 end cap is used to seal Eluxtra™ ProFlex LED strip light, protecting it from the elements such as dust and rain. It is durable and easy to install.</p>
<p>Eluxtra™ ProFlex LED Strip Light, 4-Wire Connector - 01 - 2m Lead PF-2-SPS-01-2m</p> 	<p>This is a 4-wire, IP67 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 Strip Light, 4-Wire Connector - 02 - 2m Lead PF-2-SPS-02-2m</p> 	<p>This is a 4-wire, IP67 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 Strip Light, 4-Wire Jumper PF-4-SPS-JUMP-300mm</p> 	<p>This is a 4-wire, IP67 snap 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 Strip Light, Mounting Channel - 2m <i>PF-ACH-2m</i></p> 	<p>This 2-meter aluminum extrusion is designed for the Eluxtra™ ProFlex LED Strip Light, fitting securely without adhesive or extra fasteners. It includes 5 pre-drilled holes and screws for easy installation, and can be easily cut with a metal saw.</p>
<p>Eluxtra™ ProFlex LED Strip Light, Mounting Clip <i>PF-CLIP</i></p> 	<p>This 35 mm aluminum clip securely holds Eluxtra™ ProFlex LED Strip Light without adhesive. It includes a pre-drilled hole and screw for easy installation.</p>
<p>Eluxtra™ ProFlex LED Strip Light Anchor <i>PF-ANCHOR</i></p> 	<p>This high-strength hold-down clip is designed to securely fasten Eluxtra™ ProFlex LED Strip Light, providing reliable support in demanding applications. It includes two 9.93 mm (about 3/8 inch) screws for easy installation.</p>

Note: Silicone Injection Molded Connectors are available by custom order. More information on next page.

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CONNECTORS & ACCESSORIES CONT'D

Note: Silicone Injection Molded Connectors are available by custom order. Contact contactus@environmentallights.com for more information.

Product	Description
Injection Molded Connector from Front 	Custom Injection Molded Connector with front wire exit. Available via custom order.
Injection Molded Side Connector from Left 	Custom Injection Molded Connector with left wire exit. Available via custom order.
Injection Molded Side Connector from Right 	Custom Injection Molded Connector with right wire exit. Available via custom order.
Injection Molded Connector from Bottom 	Custom Injection Molded Connector with bottom wire exit. Available via custom order.
Injection Molded End Cap 	Custom Injection Molded End Cap with bottom wire exit. Available via custom order.

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