

Eluxtra™ 360° LED Neon - PixelControl 4-in-1, RGBW, 5m

LN360-PX-RGBXXK-5m, LN360-PX-RGBXXK-B-5m



PRODUCT DESCRIPTION

Eluxtra™ 360° LED Neon – PixelControl 4-in-1 delivers uniform illumination across its entire circumference, ensuring maximum visibility and a sleek, modern aesthetic. Encased in a premium white silicone housing, this flexible Neon adapts effortlessly to curves and contours, making it perfect for creative lighting displays.

Engineered for durability, Eluxtra™ 360° Neon boasts an IP65 rating, making it a reliable solution for both indoor and outdoor spaces. It is UL listed and designed for Class 2 installations, ensuring compliance and safety across all applications.

With 60 pixels per 5m reel, our PixelControl technology provides lighting designers with precise control over their lighting. Use with any of our Pixel Controllers to produce dynamic lighting effects, seamless color gradients, and more.

Eluxtra™ 360° LED Neon – PixelControl 4-in-1 features 2m input leads and 1m output leads. This allows for flexible placement of power supplies and controllers, simplified cable management, and improved ease of installation in hard-to-reach areas.

Ideal Application: Ideal choice for stage designs, live performances, hotels, art exhibits, retail displays, houses of worship, and more.

PRODUCT FEATURES

- Emits light around the full circumference of the product
- Flexes in all directions with a 200mm bending radius
- PixelControl technology enables dynamic lighting effects
- Pixel IC: UCS2904
- 83.33 mm cutting/pixel increment
- Durable white silicone casing
- IP65 rated

TECHNICAL SPECIFICATIONS

Product Number	LN360-PX-RGB30K-5m / LN360-PX-RGB30K-B-5m	LN360-PX-RGB65K-5m / LN360-PX-RGB65K-B-5m
Ambient Temperature	-20° C to 50° C	-20° C to 50° C
Average Lifetime	50,000 Hours	50,000 Hours
Brightness	White Finish: 65/235/50/185 lm/m*	White Finish: 65/235/50/200 lm/m*
Color Detail	Red, Green, Blue, 3000K White	Red, Green, Blue, 6500K White
Color Rendering Index	90+	90+
Density	168 LEDs/m	168 LEDs/m
Diameter	0.98 in [25 mm]	0.98 in [25 mm]
Finish	White / Black	White / Black
Input Current	3750 mA	3750 mA
Input Voltage	24 DC	24 DC
IP Rating	IP65	IP65
Linkable Up To	5m	5m
Lead Detail	Bare Wire / 2m (in), 1m (out)	Bare Wire / 2m (in), 1m (out)
Length	16.4 ft [5 m]	16.4 ft [5 m]
Min. Bending Radius	7.87 in [200 mm]	7.87 in [200 mm]
Min. Cutting Increment	3.28 in [83.3 mm]	3.28 in [83.3 mm]
Power (Watts/ft)	5.5 Watts/ft	5.5 Watts/ft
Power (Watts/m)	18 Watts/m	18 Watts/m
Regulatory	UL Listed, RoHS, CE	UL Listed, RoHS, CE
Warranty	3 years limited	3 years limited

*Lumen values listed above only apply to Eluxtra™ 360° LED Neon - Pixel RGBW white finish.

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

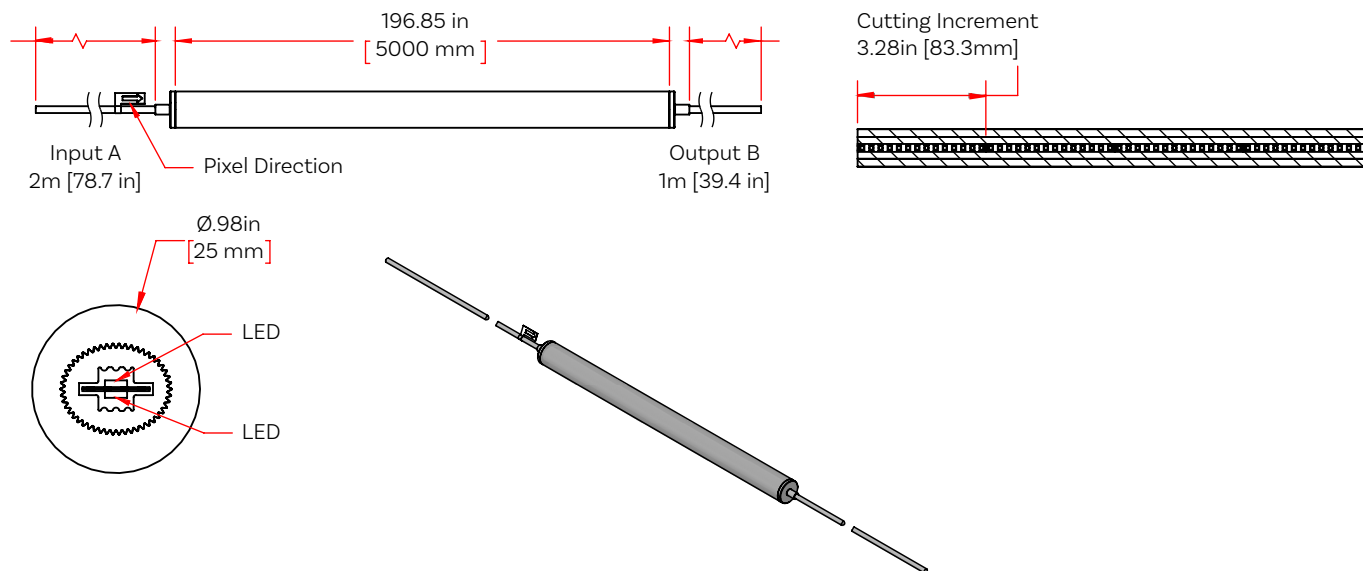
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MECHANICAL SPECIFICATIONS








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CONNECTORS & ACCESSORIES

Product	Description	Length	Width	Height
<p>Eluxtra™ 360° LED Neon - End Cap, White, 10-Pack LN360-EC-W</p> 	<p>These end caps are compatible with Eluxtra™ 360° LED Neon lighting products. When glued into place, they effectively seal and protect exposed ends from dust and moisture. Each pack includes 10 white end caps.</p>	0.98 in [25 mm]	0.98 in [25 mm]	0.16 in [4 mm]
<p>Eluxtra™ 360° LED Neon - End Cap w/ Hole, White, 10-Pack LN360-EC-H-W</p> 	<p>These White End Caps with Holes provide a finished look and a convenient way for wires to be fed through your Eluxtra™ 360° LED Neon system. When glued into place, they also protect exposed ends from dust and moisture. Each pack includes 10 white end caps.</p> <p>Please note that these end caps' holes have a 7mm outer diameter and 4mm inner diameter.</p>	0.98 in [25 mm]	0.98 in [25 mm]	0.39 in [10 mm]
<p>Eluxtra™ 360° LED Neon - End Cap, Black, 10-Pack LN360-EC-B</p> 	<p>These end caps are compatible with Eluxtra™ 360° LED Neon lighting products. When glued into place, they effectively seal and protect exposed ends from dust and moisture. Each pack includes 10 black end caps.</p>	0.98 in [25 mm]	0.98 in [25 mm]	0.16 in [4 mm]
<p>Eluxtra™ 360° LED Neon - End Cap w/ Black, White, 10-Pack LN360-EC-H-B</p> 	<p>These Black End Caps with Holes provide a finished look and a convenient way for wires to be fed through your Eluxtra™ 360° LED Neon system. When glued into place, they also protect exposed ends from dust and moisture. Each pack includes 10 black end caps.</p> <p>Please note that these end caps' holes have a 7mm outer diameter and 4mm inner diameter.</p>	0.98 in [25 mm]	0.98 in [25 mm]	0.39 in [10 mm]
<p>Eluxtra™ 360° LED Neon - Mounting Clip, 10-pack LN360-CLIP</p> 	<p>These mounting clips provide a reliable mounting solution for Eluxtra™ 360° LED Neon. Each pack contains 10 clips. Note: The dimensions for each mounting clip hole are 7mm for the countersunk diameter and 4mm for the pilot hole diameter. These are not intended to be used over clear tube accessories.</p>	0.98 in [25 mm]	1.89 in [48 mm]	1.02 in [26 mm]






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CONNECTORS & ACCESSORIES CONT'D

Product	Description	Length	Width	Height
<p>Eluxtra™ 360° LED Neon - Pendant Cables - 2-pack LN360-PDT-CBL</p> 	<p>These pendant cables are designed to hang Eluxtra™ 360° LED Neon. Each cable is 2-meters in length but facilitates simple height adjustment for maximum versatility.</p> <p>Featuring M5 mounting threads, these pendant cables can be used with clear tubes with M5 studs.</p>	6.56 ft [2 m]	0.59 [15 mm]	0.59 [15 mm]
<p>Eluxtra™ 360° LED Neon - Double Surface Mount Cap Set LN360-SM-2</p> 	<p>Double Surface Mount Cap Set is designed to mount Eluxtra™ 360° LED Neon lighting products. This set enables two ends to be securely attached to a flat surface, allowing 360° LED Neon to be shaped in a variety of unique and creative ways. Metal ends provide a sleek and professional appearance. <i>Note: Each anchored end cap can hold up to 2.5 meters of Eluxtra™ 360° Neon vertically. This translates to 5 meters when both ends are attached to the ceiling.</i></p>	1.65 in [42 mm]	1.3 in [33 mm]	1.3 in [33 mm]
<p>Eluxtra™ 360° LED Neon - Surface Mount to Hanging Cap Set LN360-SM-CAP</p> 	<p>The Surface Mount to Hanging Cap Set allows users to mount Eluxtra™ 360° LED Neon for hanging from the ceiling, with metal end caps for a sleek, finished look. When used with clear tube accessories, the Neon hangs perfectly straight, with each end capable of holding up to 2.5m.</p>	1.65 in [42 mm]	1.3 in [33 mm]	1.3 in [33 mm]
<p>Eluxtra™ 360° LED Neon - Adjustable Hanging Stem LN360-STEM</p> 	<p>This is a high-quality, adjustable metal stem used to hang Eluxtra™ 360° LED Neon lighting products. The stem can be adjusted anywhere between 340mm and 610mm in length. It comes with a 38mm clear tube with M5 studs and is designed to be used in conjunction with this accessory.</p>	13.39 in [340 mm]	0.47 in [12 mm]	0.47 in [12 mm]
<p>Eluxtra™ 360° LED Neon - End-to-End Coupler LN360-COUPLER</p> 	<p>This End-to-End Coupler connects two segments of Eluxtra™ 360° LED Neon. It provides greater flexibility when creating custom lighting layouts.</p> <p><i>Note: This coupler does not facilitate an electrical connection between the ends of two separate Eluxtra™ 360° LED Neon segments.</i></p>	2.36 in [60 mm]	1.29 in [33mm]	1.29 in [33mm]

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CONNECTORS & ACCESSORIES CONT'D

Product	Description	Length	Width	Height
Eluxtra™ 360° LED Neon - Clear Tube - 2m LN360-CTB-2m 	This 2-meter clear tube ensures your Eluxtra™ 360° LED Neon stays perfectly straight, delivering a sleek and polished look. It is ideal for installations that require Eluxtra™ 360° Neon to hang vertically. The tube can be cut to custom lengths to meet the needs of various applications.	6.56 ft [2 m]	1.18 in [30 mm]	1.18 in [30 mm]
Eluxtra™ 360° LED Neon - Clear Tube - 1m with M5 Studs LN360-CTBS-1m 	This 1-meter clear tube is designed to hold Eluxtra™ 360° LED Neon. Unlock the creative potential of 360° Neon with this simple yet effective mounting aid. Two M5 studs have been ultrasonically welded to each tube for use with our pendant cables or hanging stems. Users can also use their own mounting hardware so long as it features a mating M5 thread.	3.28 ft in [1 m]	1.18 in [30 mm]	1.38 in [35 mm]
Eluxtra™ 360° LED Neon - Clear Tube - 38mm with M5 Stud LN360-CTBS-38mm 	38mm Clear Tubes are designed to hold Eluxtra™ 360° LED Neon. Unlock the creative potential of 360° Neon with this simple yet effective mounting aid. A M5 stud has been ultrasonically welded to each tube for use with our pendant cables or hanging stems. Users can also use their own mounting hardware so long as it features a mating M5 thread.	1.49 in [38 mm]	1.18 in [30 mm]	1.38 in [35 mm]
Eluxtra™ 360° LED Neon - Shears LN360-Shears 	These shears are designed to cut Eluxtra™ 360° LED Neon with precision.			
Eluxtra™ 360° LED Neon - Accessory Kit LN360-ACCESSORY-KIT 	<p>This accessory kit is designed to help users unlock the creative potential of Eluxtra™ 360° LED Neon! Explore the full range of ways to style your 360° Neon lighting with a variety of mounting options, end cap accessories, and more. This kit is great to have on hand for lighting designers who plan to use Eluxtra™ 360° LED Neon in many unique installations.</p> <p>Accessories that come with this kit include:</p> <ul style="list-style-type: none"> (x1) Eluxtra™ 360° LED Neon - Mounting Clip - 10-pack (x1) Eluxtra™ 360° LED Neon - Monochrome Pendant Mount Set (Electrified) (x1) Eluxtra™ 360° LED Neon - Double Surface Mount Cap Set (x1) Eluxtra™ 360° LED Neon - Surface Mount to Hanging Cap Set (x1) Eluxtra™ 360° LED Neon - Adjustable Hanging Stem (x1) Eluxtra™ 360° LED Neon - End-to-End Coupler (x1) Eluxtra™ 360° LED Neon - Clear Tube - 2m (x3) Eluxtra™ 360° LED Neon - Clear Tube - 38mm with M5 Stud (x1) Eluxtra™ 360° LED Neon - Clear Tube - 1m with M5 Studs (x1) Eluxtra™ 360° LED Neon - Pendant Cables - 2-pack 			

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