

LED NEON



LIKE NEON, BUT BETTER!

Marry the classic gleam of neon with all the benefits of modern LEDs. Our 24V LED neon products feature flexible silicone lenses that protect our LEDs while diffusing them to create the look of neon. Use our waterproof LED neon for facades, cove and border lighting, dramatic silhouettes, pathways and landscapes, lettering and signs, or for standout accents that highlight architectural details. Design custom fixtures in an array of amazing shapes and create unique lighting solutions for any space.

DISTINCT ADVANTAGES

LED neon provides several advantages over traditional neon, including energy efficiency, durability, safety and design flexibility. Our LED neon consumes up to 80% less energy, is much more resistant to breakage, and can be crafted into a wide range of shapes and colors. It is an environmentally friendly product (no dangerous gases) that creates big cost savings due to lower energy use and longer lifespan. Our LED neon also scores in the “excellent” category of the TM66 Circular Economy Assessment Method (CEAM-Make) developed by the Chartered Institution of Building Services Engineers (CIBSE) and the Society of Light and Lighting (SLL) to assess the circularity of lighting fixtures.

CUSTOM COLORS AND SHAPES

We offer a variety of Static White CCTs and tunable Variable White in our LED neon products – but we also provide rich color changing RGB, RGBW and Pixel/Addressable RGBW options that allow you to change colors like no neon tubes you’ve ever seen! Tune your neon to your distinct color choice or use DMX controls to alter colors as you see fit. Our product range features side-bending, top-bending and dual-bending LED neon profiles that create lustrous diode-free lines and 3D tubes that can be shaped to fit your design specifications. Custom cutting and waterproofing are done in our factory for optimal quality control.

YOU DREAM IT - WE’LL DO IT!

Inside this brochure, you will find inspirational LED neon installations and basic specifications for our LED neon products. Please contact your local sales reps or our friendly customer service team with any questions. Do you have an idea for an LED neon product that you don’t see here? Let us know – we can probably make it for you. Custom is our custom!

Right: Neon Apex





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Cover Photos
Sphere | Las Vegas, NV, USA
Lighting Designer: iCRAVE
Neon Apex
Photographer: David Handschuh

Left Page
Summit Pointe | Chesapeake, Virginia, USA
LED Neon
Photographer: Hendue Vidal



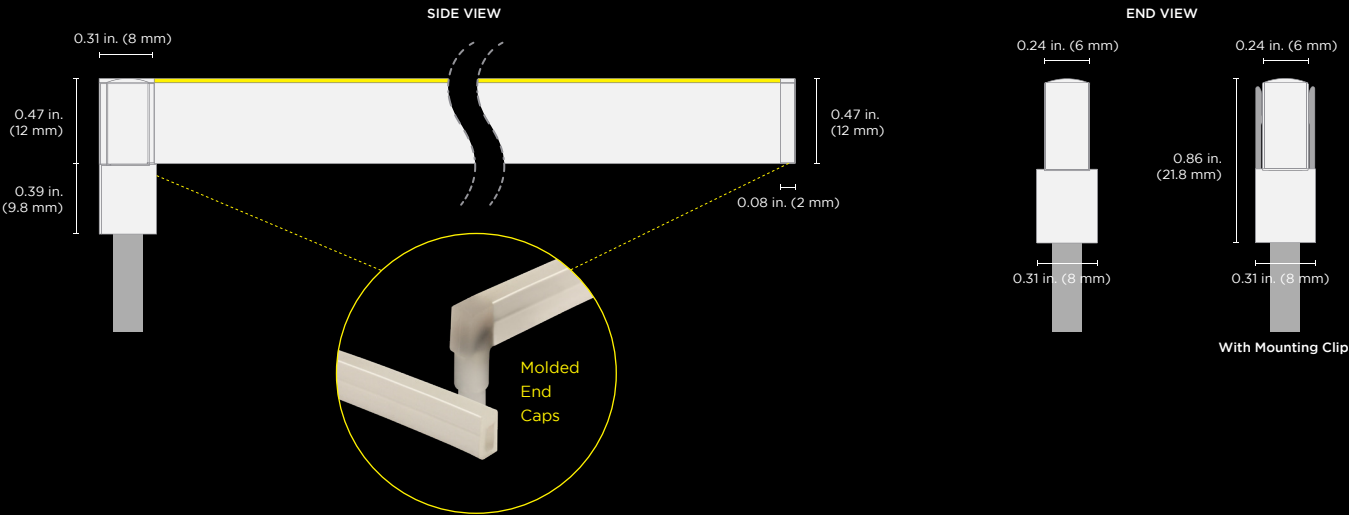
NEON SILHOUETTE



Neon Silhouette offers a smooth, flat lens that creates vivid fine lines of light for highlighting architectural details.

- Create fine neon lines
- Side-bending turn radius
- Min. bend radius 2.36 in. (60 mm)
- 3.0 W/ft (9.8 W/m) Static White (2200K-4000K)
- 3.0 W/ft (9.8 W/m) Variable White (2400-6000)
- 3.0 W/ft (9.8 W/m) Warm Dim (1800-3000)
- 3.0 W/ft (9.8 W/m) Color changing RGB

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end feed and side feed options.



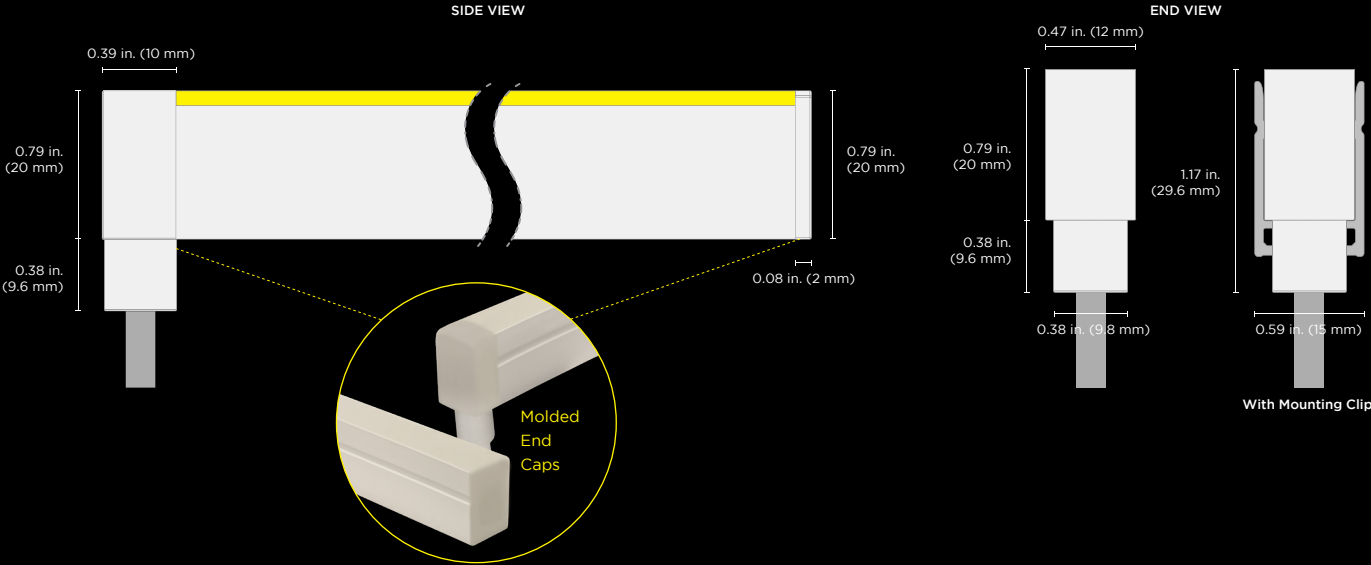
NEON SILHOUETTE PLUS



Neon Silhouette Plus offers a smooth, flat lens that creates larger vivid lines of light for highlighting architectural details.

- Create fine neon lines
- Side-bending turn radius
- Min. bend radius 4.72 in. (120 mm)
- 4.5 W/ft (14.76 W/m) Static White (2200K-4000K)
- 4.5 W/ft (14.76 W/m) Variable White (2400K-6000K)
- 4.5 W/ft (14.76 W/m) Warm Dim (1800-3000)
- 4.5 W/ft (14.76 W/m) RGBW
- 5.3 W/ft (17.4 W/m) Pixel RGBW

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end feed and side feed options.



88 Regent at Liberty Harbor | Jersey City, New Jersey, USA
Neon Silhouette Plus
Photographer: David Handschuh

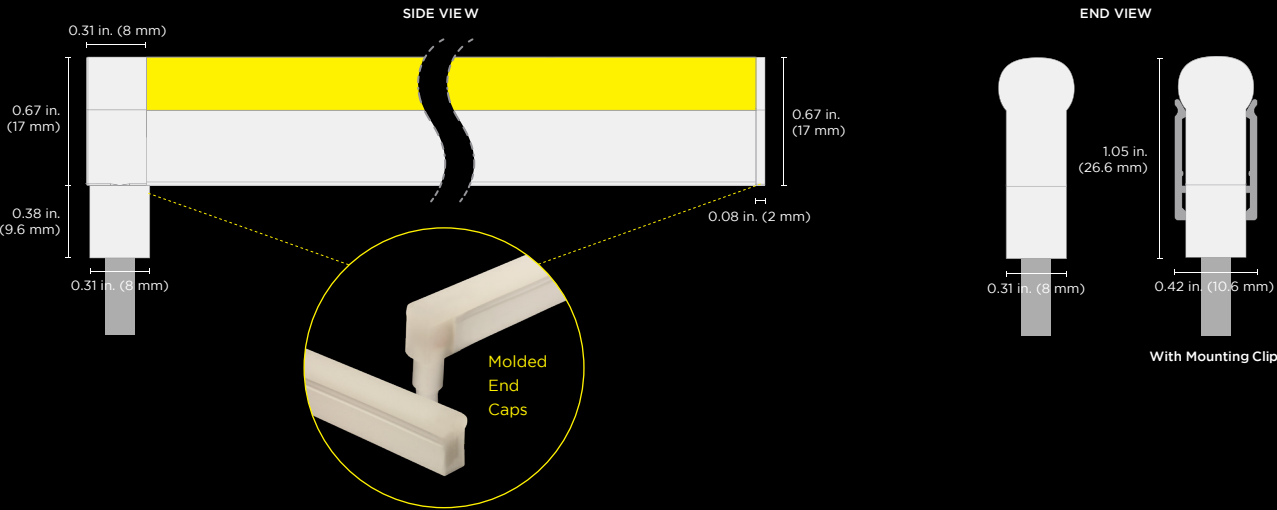
NEON CONTOUR



Neon Contour offers a rounded lens that creates a classic glowing tube-shaped light fixture that is great for lettering or architectural design with a retro feel.

- Create glowing tubes of light
- Side-bending turn radius
- Min. bend radius 3.94 in. (100 mm)
- 3.0 W/ft (9.8 W/m) Static White (2400K-4000K)
- 3.0 W/ft (9.8 W/m) Variable White (2400K-6000K)
- 3.0 W/ft (9.8 W/m) Warm Dim (1800K-3000K)
- 3.0 W/ft (9.8 W/m) Color changing RGB

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end feed and side feed options.



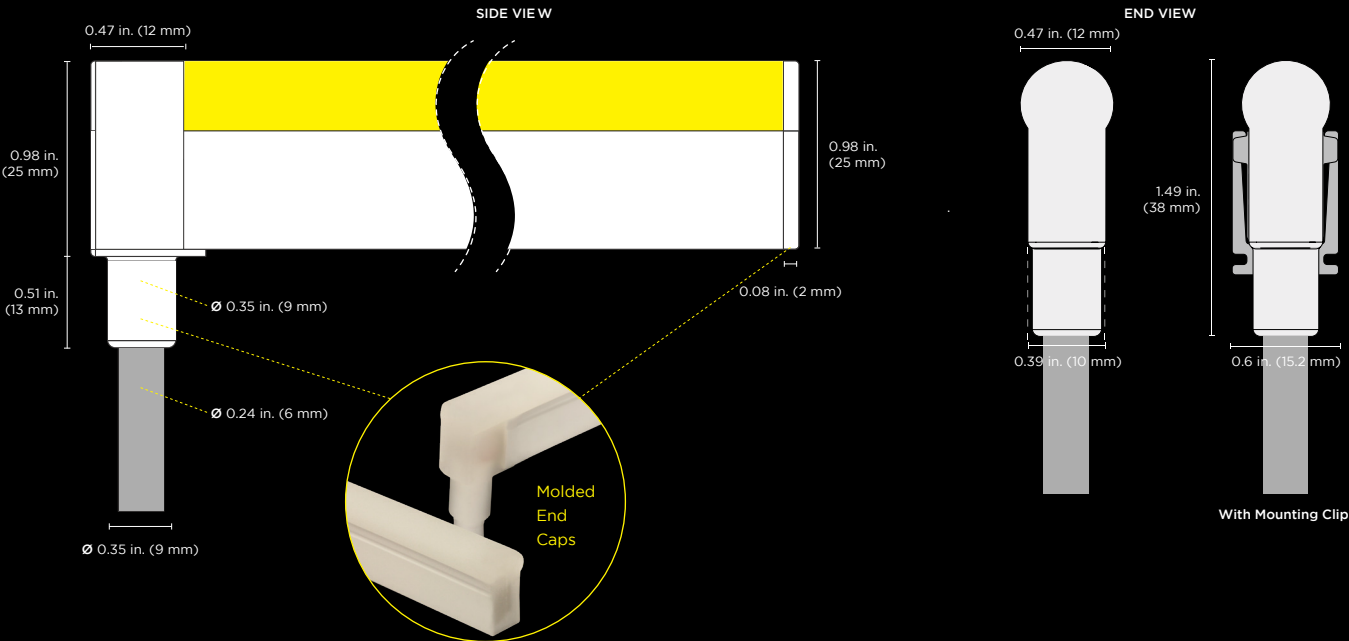
NEON CONTOUR PLUS



Neon Contour Plus offers a rounded lens that creates a larger classic tube-shaped light fixture.

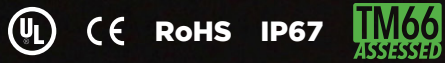
- Create larger glowing tubes of light
- Side-bending turn radius
- Min. bend radius 5.9 in. (150 mm)
- 4.5 W/ft (14.76 W/m) Static White (2400K-4000K)
- 4.5 W/ft (14.76 W/m) Variable White (2400K-6000K)
- 4.5 W/ft (14.76 W/m) Warm Dim (1800K-3000K)
- 4.5 W/ft (14.76 W/m) RGBW

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end feed and side feed options.



Barry Art Museum | Norfolk, Virginia, USA
LED Neon

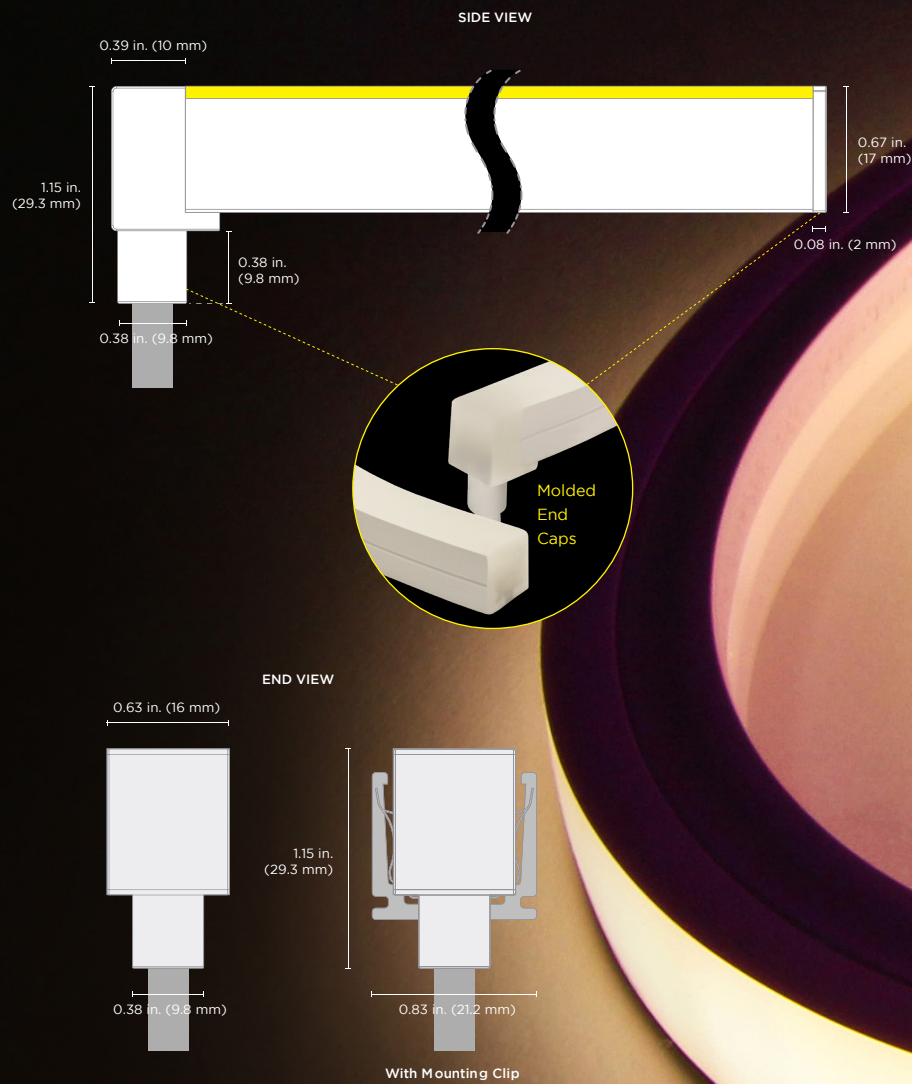
NEON APEX



The Neon Apex is a square flexible top-bend neon replacement product designed for unique applications such as convex or concave curves like arches or rounded frames.

- Create bold, gleaming lines of light
- Top-bending design
- 4.5 W/ft (14.76 W/m) Static White (2200K-4000K)
- 4.5 W/ft (14.76 W/m) Variable White (2400K-6000K)
- 4.5 W/ft (14.76 W/m) Warm Dim (1800K-3000K)
- 4.5 W/ft (14.76 W/m) RGBW
- 5.3 W/ft (17.4 W/m) Pixel RGBW
- Min. bend radius 4.72 in. (120 mm)

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end feed and side feed options.



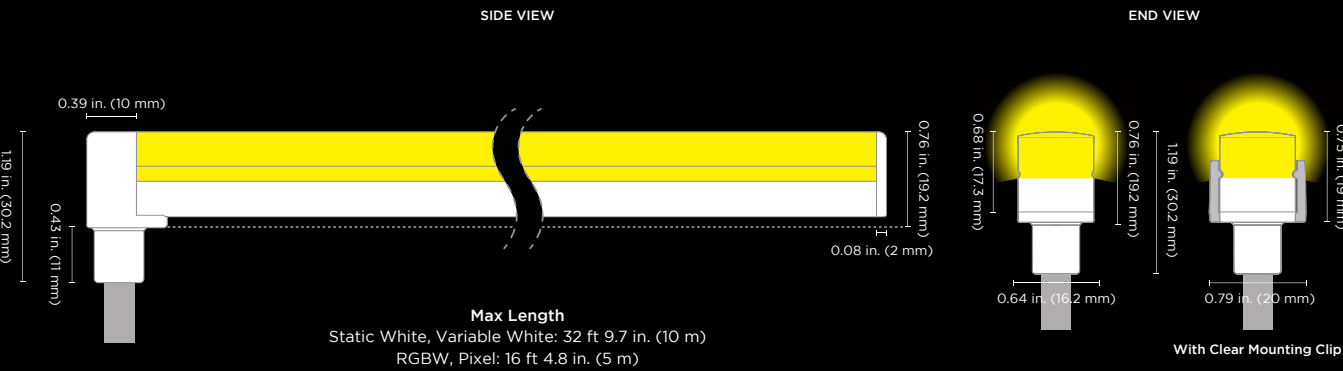
NEON APEX 3D



The Neon Apex 3D is a square top-bending LED neon with three illuminated sides for high visibility.

- Create gleaming 3D lines of square light
- Top-bending turn radius
- Min. bending radius: 2.36 in. (60 mm)
- 5.3 W/ft (17.28 W/m) Static White (2400K-4000K)
- 4.4 W/ft (14.4 W/m) Variable White (2700K-6000K)
- 4.4 W/ft (14.4 W/m) Warm Dim (1800K-3000K)
- 5.9 W/ft (19.2 W/m) RGBW
- 4.2 W/ft (13.78 W/m) Pixel RGBW (5.62 in./142.85 mm pixel length)

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end feed and side feed options.



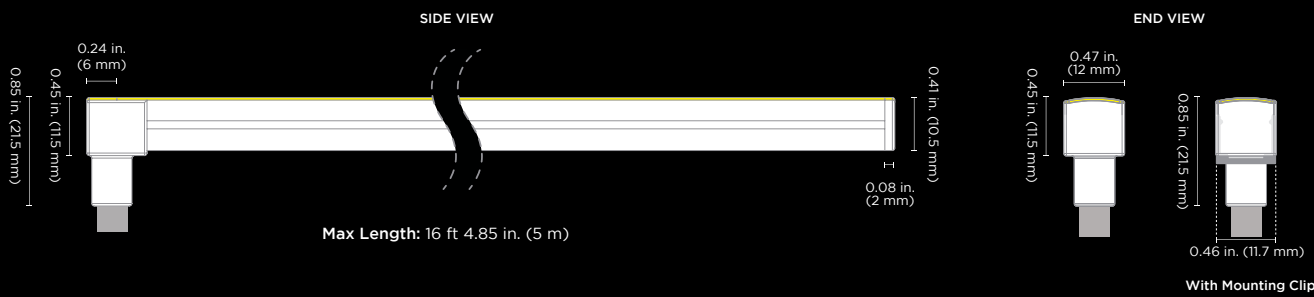
NEON APEX MINI



The Neon Apex Mini is a smaller square LED neon with side- or top-bending options, designed for applications such as arches, rounded frames and distinct shapes.

- Create smaller, brilliant lines of neon light
- Choose side- or top-bending profile (this is NOT a dual-bending fixture)
- Min. bending radius: 1.18 in. (30 mm)
- 2.4 W/ft (8 W/m) Static White (2400K-4000K)
- 2.4 W/ft (8 W/m) Static Colors (Red, Green, Blue, Amber, Yellow)

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end feed and side feed options.



NEON APEX DUAL PRO



RoHS

IP69
PoliSeal
Technology

TM66
ASSESSED

The Neon Apex Dual Pro is a square dual-bending LED neon made with robust polyurethane to achieve an IP69 rating. It is designed for unique applications such as convex or concave curves like arches, rounded frames and complex shapes.

- Create bold lines of neon light on two planes
- Top- and side-bending turn radius
- Min. top-bending radius: 3.94 in. (100 mm)
- Min. side-bending radius: 9.84 in. (250 mm)
- 3.8 W/ft (12.5 W/m) Static White (2200K-6000K)
- 3.8 W/ft (12.5 W/m) Variable White (2400K-6000K)
- 4.1 W/ft (13.4 W/m) RGBW (2700K, 3000K, 4000K)

POLYURETHANE CONSTRUCTION

All-in-1 end cap design
for side, bottom or end feed



Dimension drawings show the end power feed with molded end caps. See spec sheet for bottom and side feed options.



NEON APEX DUAL



RoHS

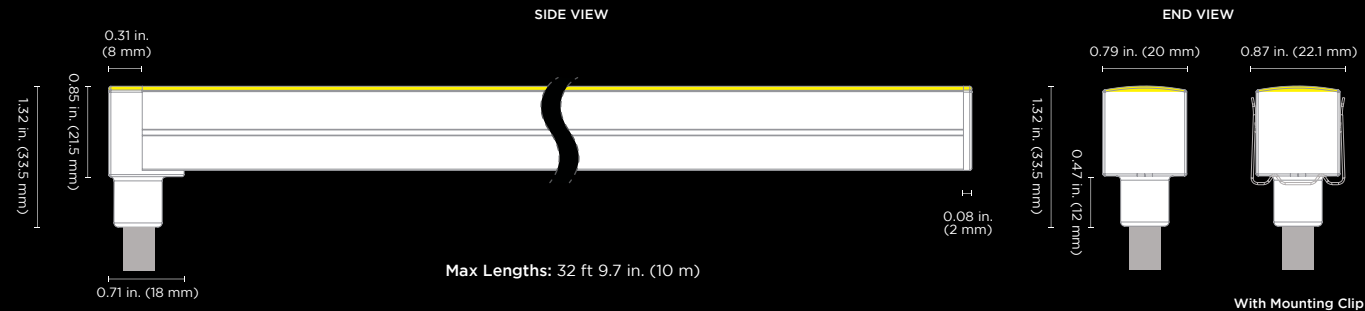
IP67

TM66
ASSESSED

The Neon Apex Dual is a square dual-bending LED neon designed for unique applications such as convex or concave curves like arches, rounded frames and complex shapes.

- Create bold lines of neon light on two planes
- Top- and side-bending turn radius
- 5.3 W/ft (17.28 W/m) Static White (2400K-4000K)
- Min. top-bending radius: 3.94 in. (100 mm)
- Min. side-bending radius: 5.91 in. (150 mm)
- 4.4 W/ft (14.4 W/m) Warm Dim (1800K-3500K)
- Min. top-bending radius: 3.94 in. (100 mm)
- Min. side-bending radius: 9.84 in. (250 mm)
- 4.4 W/ft (14.4 W/m) Variable White (2700K-6000K)
- Min. top-bending radius: 3.94 in. (100 mm)
- Min. side-bending radius: 9.84 in. (250 mm)
- 6.0 W/ft (19.58 W/m) RGBW
- Min. top-bending radius: 5.91 in. (150 mm)
- Min. side-bending radius: 15.75 in. (400 mm)
- 5.5 W/ft (18 W/m) Pixel RGBW (1.97 in./50 mm pixel length)
- Min. top-bending radius: 5.91 in. (150 mm)
- Min. side-bending radius: 15.75 in. (400 mm)

Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end and side feed options.



Sphere | Las Vegas, USA
Lighting Designer: iCRAVE
Neon Contour
Neon Contour Plus
Neon Apex

NEON APEX DUAL LOUVER

The Neon Apex Dual Louver is a square dual-bending Static White LED neon with a built-in honeycomb louver for glare reduction.

- Create gleaming light with reduced glare in direct-view applications
- Top- and side-bending turn radius
- 4.3 W/ft (14 W/m) Static White (2700K-6000K)
- Min. top-bending radius: 2.36 in. (60 mm)
- Min. side-bending radius: 5.5 in. (140 mm)

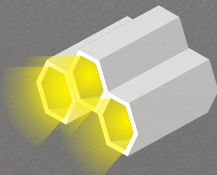


RoHS

IP67

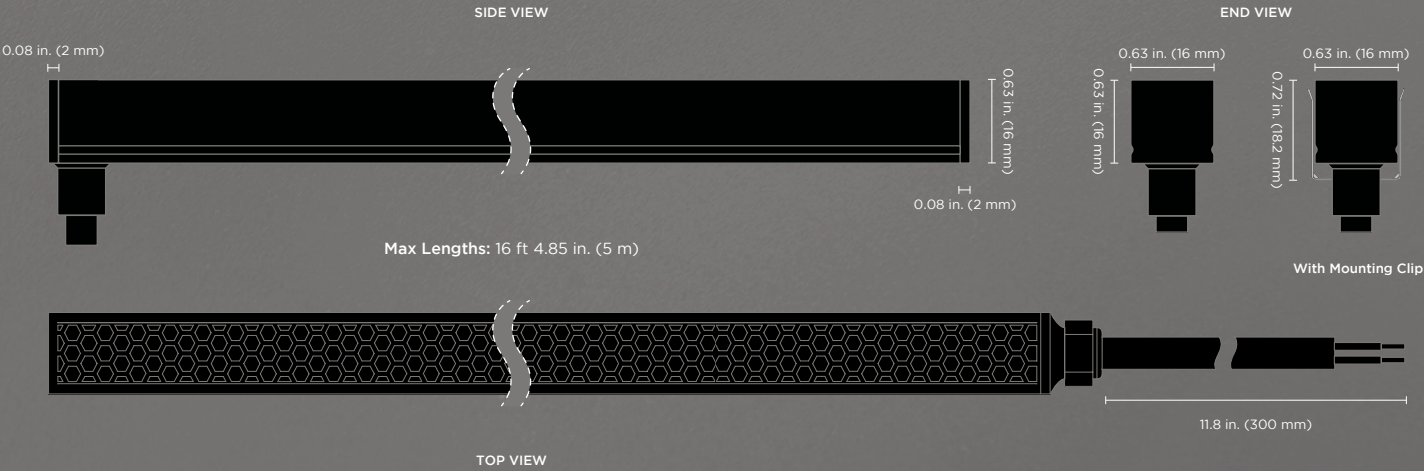


Built-in
Honeycomb Louver



Reduced Glare
UGR < 19

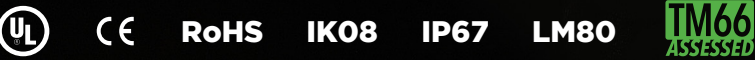
Dimension drawings show the bottom power feed with molded end caps. See spec sheet for end and side feed options.



Dimension drawings show the end power feed with molded end caps. See spec sheet for bottom and side feed options.

NEON360

Neon360 is a bendable LED neon tube with a round profile that provides uniform light distribution around its entire face. With a 1 in. (0.98 in./25 mm) diameter, this diode-free 24V Neon360 tube offers several unique mounting options for creative displays. Neon360 is now available in Static White, Variable White, color changing RGBW and Pixel programmable RGBW options.



COMMON FEATURES

- Fully illuminated flexible round LED neon
- Diode-free
- 0.98 in. (25 mm) diameter
- Max. length 16.4 ft (5 m)
- IP67

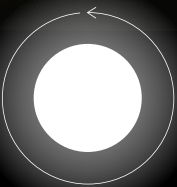
Static White

- 2700K, 3000K, 4000K, 5000K, 6000K
- Min. bending radius: 1.97 in. (50 mm)
- 4.3 W/ft (14 W/m)
- 305 lm/ft (1000 lm/m) at 4000K

RGBW

- RGBW (2700K, 3000K, 4000K, 5000K, 6000K)
- Min. bending radius: 3.15 in. (80 mm)
- 5.5 W/ft (18 W/m)
- All on: 192 lm/ft (630 lm/m)

EVEN LIGHT DISTRIBUTION



Variable White

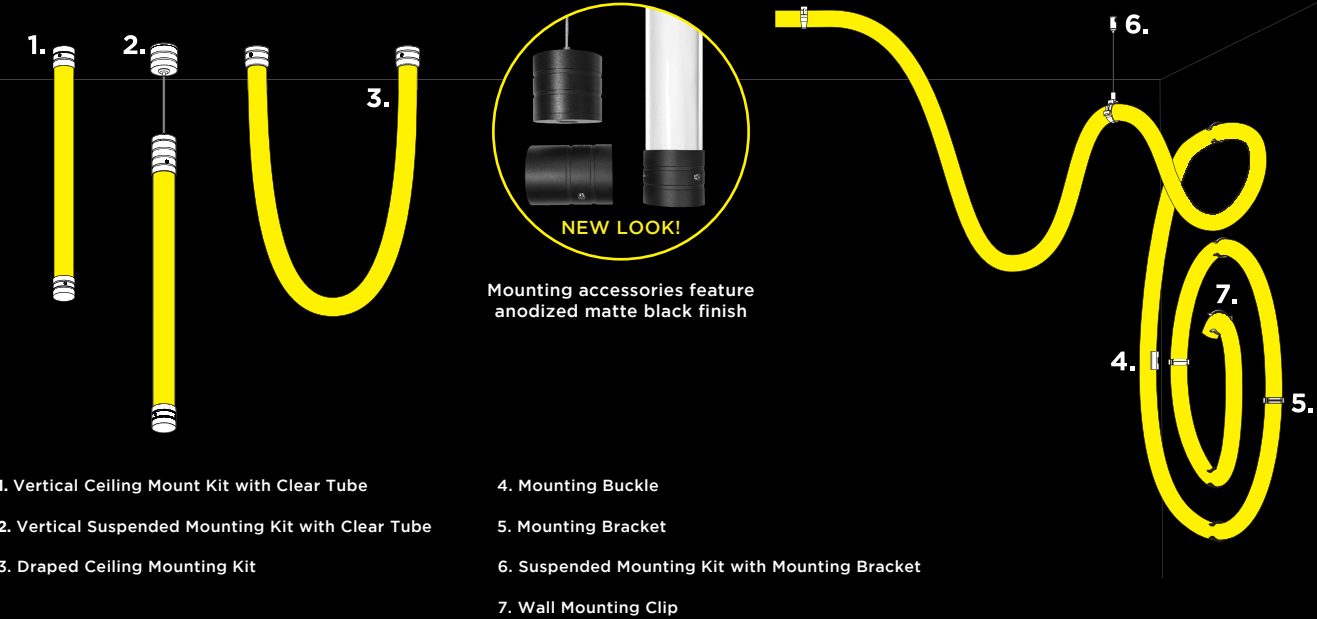
- Variable White (tune from 2700K-6000K)
- Min. bending radius: 3.15 in. (80 mm)
- 5.5 W/ft (18 W/m)
- All on: 381 lm/ft (1250 lm/m)

Pixel

- Pixel programmable RGBW (2700K, 3000K, 4000K, 5000K, 6000K)
- Min. bending radius: 3.15 in. (80 mm)
- 5.5 W/ft (18 W/m)
- All on: 31 lm/W; 171 lm/ft (560 lm/m)
- Pixel length: 4.92 in. (125 mm)

Neon360 is a flexible LED neon that emits light evenly the whole way around its circumference. Hang it vertically or drape it in unique shapes!

ACCESSORIES





Left Top, Bottom:
Sky Bar at Lebua Bangkok | Bangkok, Thailand

Right Top:
Hyatt Centric Beale Street Memphis | Memphis, TN, USA

Right Bottom:
CityWay | Indianapolis, IN, USA

CONTACT US

CALL US. EMAIL US. WRITE US A LETTER.
CONNECT WITH US ON SOCIAL MEDIA.



PRICING & SALES SUPPORT

T: (+1) 212 629 6830, ext. 300
E: SalesSupport@GENLEDBrands.com



TECHNICAL SUPPORT

T: (+1) 212 629 6830, ext. 301
E: Tech@GENLEDBrands.com



CUSTOMER SERVICE

T: (+1) 212 629 6830, ext. 304
E: CustomerService@GENLEDBrands.com



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See our product videos in the Media section at AcolyteLED.com



GLOBAL HQ

U.S., Canada, Central and South America

320 Murray Hill Pkwy
East Rutherford, NJ 07073
U.S.
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN HQ

Europe & the UK

Hogeweyselaan 119
1382 JK Weesp
Netherlands
T: (+31) 346 235 000
E: SalesEurope@GENLEDBrands.com

MEINA HQ

Middle East, India, Africa

PO Box 371378, #823, Building 4EA
Dubai Airport Free Zone
Dubai, UAE
T: (+971) 4 701 7901
E: SalesMEINA@genledbrands.com

ASIA-PACIFIC HQ

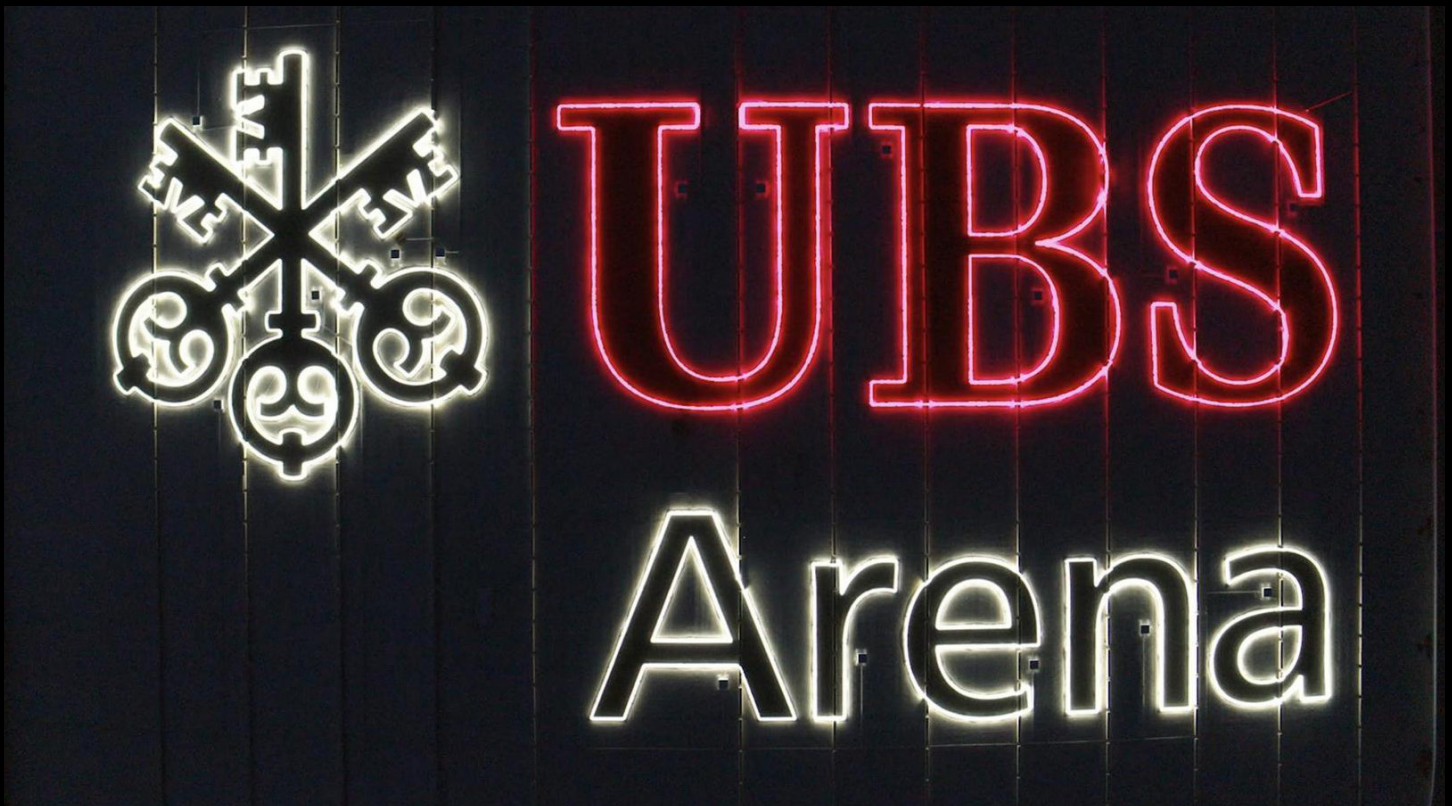
Asia, Australia & the Pacific Islands

Room 402, Building D
Shenshi Tongchuang Science and Technology Park
No. 16 Hongyin Road
Xingqiang Community, Xinhua Street
Guangming District
Shenzhen, China 518107
T: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com

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Stay informed about our industry-leading product and service updates, recent installations and more!

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AcolyteLED.com
AgiLight.com



UBS Arena | Elmont, New York, USA
Neon Contour Plus | Static White (5000K) & Static Color (Red)

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