

360° LED Neon Flex - Rigid - Single Color



Combining aesthetics with versatility simultaneously, the 360° glowing LED neon light Rigid Model can be freely bent and twisted to form different shapes, making it suitable for creative lighting and decoration. Made from high-purity, skin-friendly silicone gel, it offers excellent light transmittance and IP65 protection, ensuring durability in various environments such as salt solutions, acid and alkali corrosion, flame, and UV exposure. The 360° neon light enhances visual contrasts and is ideal for decorative and artistic lighting in both residential and commercial applications.

Features

- Light source: high-efficiency COF light strip, LM80 test certification.
- Material: Crafted from high-purity silica gel with high light transmittance, offering an IP65 protection level.
- Optical Design: Features a unique light distribution structure, ensuring no dark spots at the ends.
- Appearance: Offers versatility in design, with options for both rigid and flexible forms, demonstrating strong plasticity.
- Product certification: UL, CE, ROHS, UCKA, and CB.
- Environmental Resistance: Built to withstand salt solutions, acid and alkali corrosion, flame, and UV exposure.
- Working/storage temperature: Ta: -13°F~131°F / 32°F~140°F.
- Applications: Ideal for office lighting, decorative lighting, artistic lighting, and creating visual contrasts.
- 36,000-hour lifespan with a 3-year limited warranty.

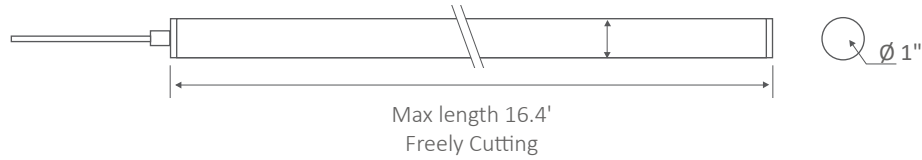


Specification

Input Voltage	12VDC		
Dimmable	PWM, Forward phase, Triac, 0-10V, MLV, ELV		
Color Temp. (CCT)	2700K	3000K	4000K
Brightness	335 lm/ft	359 lm/ft	347 lm/ft
Light Efficacy	55 lm/w	60 lm/w	58 lm/w
Power Consumption	6W/ft		

Maximum Length	16.4'
LED Chip	2835
Operating Temperature	-13°F~131°F
Lumen Maintenance	36,000 hrs
CRI	90+
IP Rating	IP54 (Dry location)

Dimension



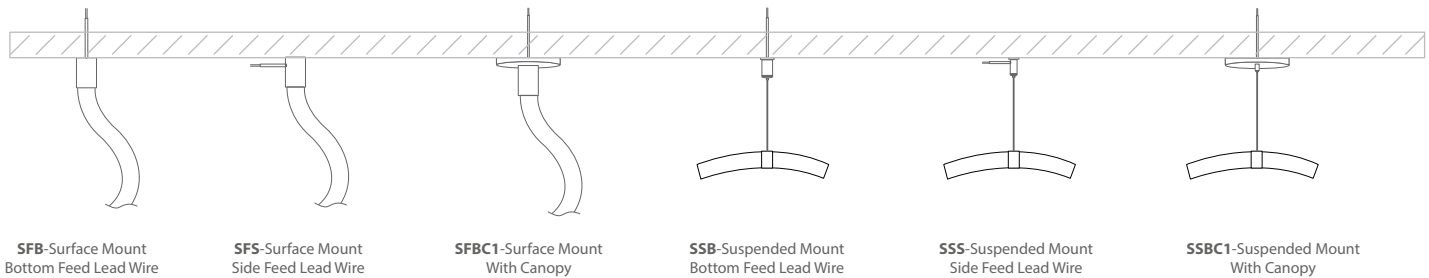
Order Information

Series	Color Temperature	Voltage	IP Rating	Mounting	Length(ft)	Length(inch)	Power Supplies
GL - 360NP	<ul style="list-style-type: none"> 27K-2700K 30K-3000K 40K-4000K 	12V	IP54	<ul style="list-style-type: none"> SFB-Surface Mount, Bottom Feed Lead Wire SFS-Surface Mount, Side Feed Lead Wire SFBC1-Surface Mount, Bottom Feed Lead Wire with Canopy SSB-Suspended Mount, Bottom Feed Lead Wire SSS-Suspended Mount, Side Feed Lead Wire SSBC1-Suspended Mount, Bottom Feed Lead Wire with Canopy 	<ul style="list-style-type: none"> 1-1' 2-2' 3-3' 4-4' 5-5' 6-6' 7-7' 8-8' 9-9' 10-10' 11-11' 12-12' 13-13' 14-14' 15-15' 16-16' 	<ul style="list-style-type: none"> 0-0" 1-1" 2-2" 3-3" 4-4" 5-5" 6-6" 7-7" 8-8" 9-9" 10-10" 11-11" 	<ul style="list-style-type: none"> ND-Non-Dimmable TD-Triac Dimming ED-ELV Dimming OD-0-10V Dimming

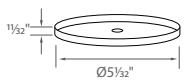
Max length 16.4'

Installation Options

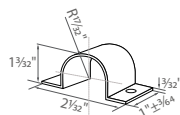
Mounting (Power feed)



Accessories

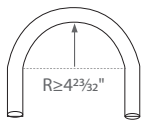


Small Canopy

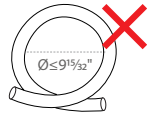


N-Shaped Buckle Clip

Bending Options & Precautions



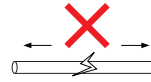
Min Radius



The bending diameter is not less than 9¹⁵/₃₂"



No distortion

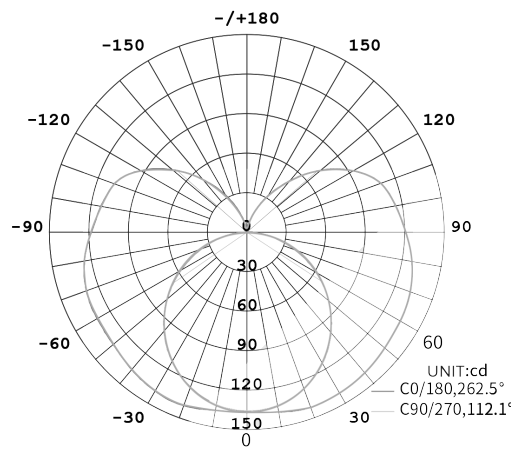


No Stretching



No Stepping

Light Distribution



AVERAGE BEAM ANGLE(50%):187.3 DEG

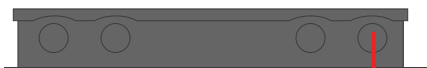
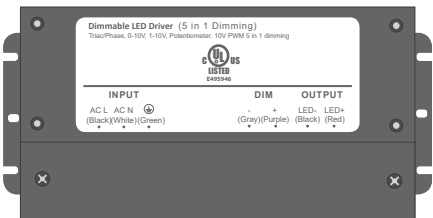
Light distribution

Note: The above data is based on 24V monochrome 4000K color temperature. If you need other models of IES files, please download the corresponding models from the IES database.

Recommended Transformer (Sold Separately)

LED Dimmable Transformer - 5 in 1 dimming

G Series

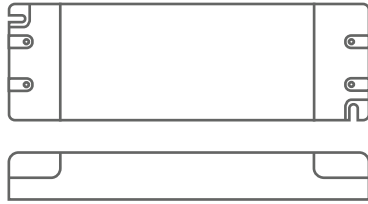


Knockouts

Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
G-100W-12V	12V	100W	8 ²¹ / ₃₂ "x3 ³ / ₄ "x1 ²³ / ₃₂ "	FCC, UL, Class 2

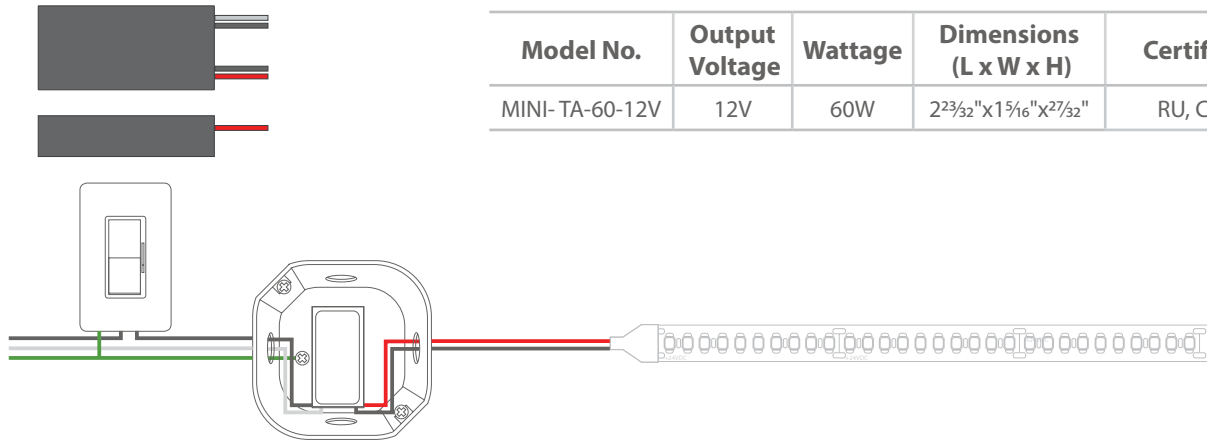
LED Dimmable Transformer - Triac

P Series



Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
P-50W-12V	12V	50W	7 ¹ / ₃₂ "x2 ¹³ / ₃₂ "x1 ⁵ / ₁₆ "	FCC, UL, Class 2

LED Mini Dimmable Transformer - ELV



Mini Transformer Wiring Diagram (In Junction Box)

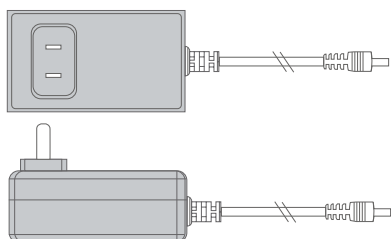
*This diagram is for references only. Please see LED Mini Dimmable Transformer Specification for a more accurate diagram.

Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
MINI- TA-60-12V	12V	60W	2 ²³ / ₃₂ "x1 ⁵ / ₁₆ "x2 ⁷ / ₃₂ "	RU, Class 2

LED Non-Dimmable Transformer



Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
APV-8W-12V	12V	8W	2 ⁵ / ₁₆ "x1 ⁷ / ₃₂ "x2 ⁹ / ₃₂ "	CE, RU, Class 2
APV-35W-12V	12V	35W	3 ⁵ / ₁₆ "x2 ⁷ / ₃₂ "x1 ⁷ / ₃₂ "	CE, RU, Class 2
FP-60W-12V	12V	60W	6 ¹⁹ / ₃₂ "x1 ⁷ / ₃₂ "x1 ¹³ / ₁₆ "	CE, RU, Class 2
XLG-100W-12V	12V	100W	5 ¹⁷ / ₃₂ "x2 ¹ / ₂ "x1 ³ / ₃₂ "	CE, RU
XLG-150W-12V	12V	150W	7 ³ / ₃₂ "x2 ¹ / ₂ "x1 ¹³ / ₃₂ "	CE, RU



Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
DVE-12W-12V	12V	12W	3 ²³ / ₃₂ "x1 ²³ / ₃₂ "x1 ¹³ / ₁₆ "	UL, FCC, CE
TPS-36W-12V	12V	36W	3 ²³ / ₃₂ "x1 ²³ / ₃₂ "x1 ¹³ / ₁₆ "	UL, FCC, CE
TPZ-60W-12V	12V	60W	3 ²³ / ₃₂ "x1 ²³ / ₃₂ "x1 ¹³ / ₁₆ "	UL, FCC, CE
TPZ-96W-12V	12V	96W	7"x3 ³ / ₃₂ "x1 ¹³ / ₁₆ "	UL, FCC, CE