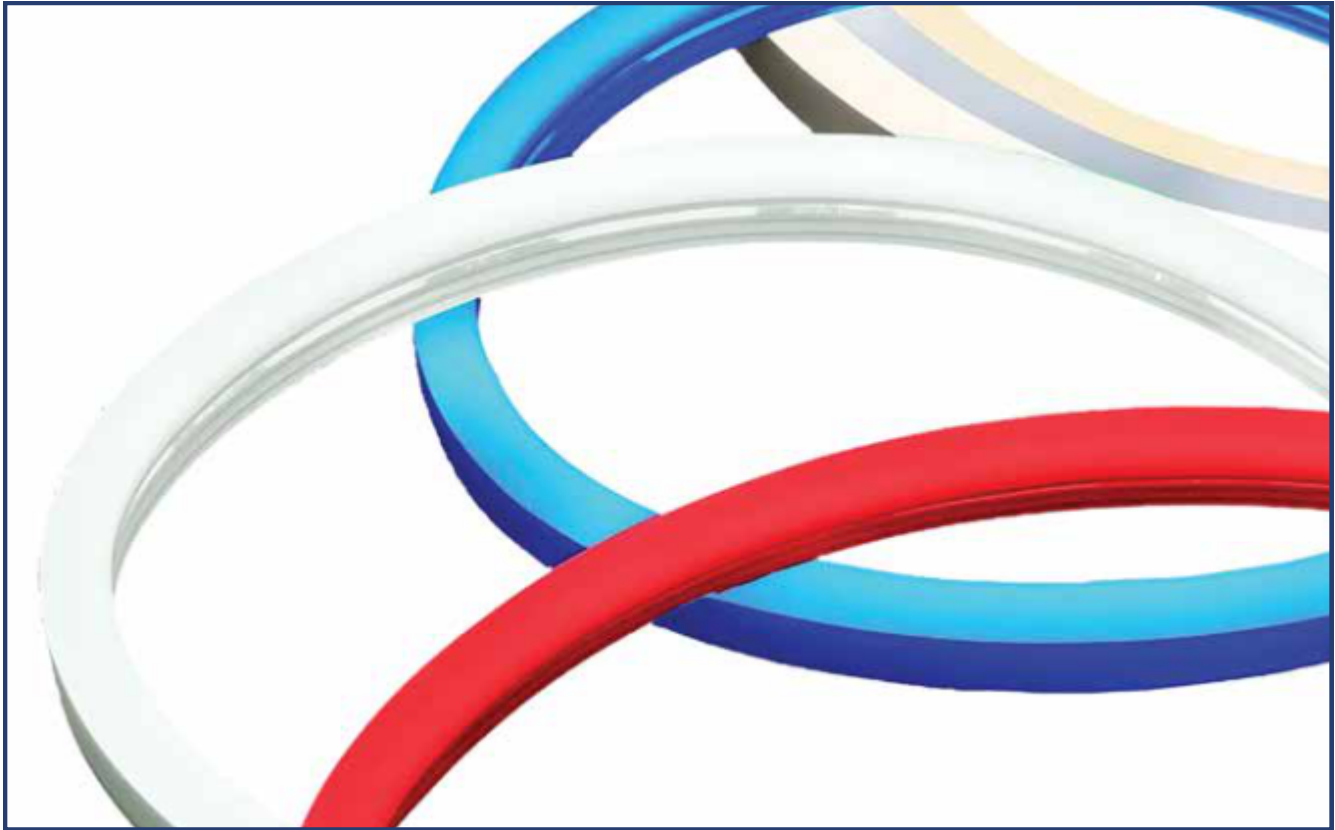


LED NEON ROPE LIGHT



Lumens Depot Foam's LED Flexible Neon Rope Lights are a premium lighting solution designed to replace traditional neon glass tubes with a more durable and efficient alternative. These flexible LED strips deliver a continuous line of vibrant single-color or white neon-style light while consuming minimal power.

Engineered for reliability, they feature a shatterproof and watertight design, making them suitable for outdoor and damp environments. The sleek jacketed housing enhances the overall aesthetic, making them ideal for architectural and commercial applications.

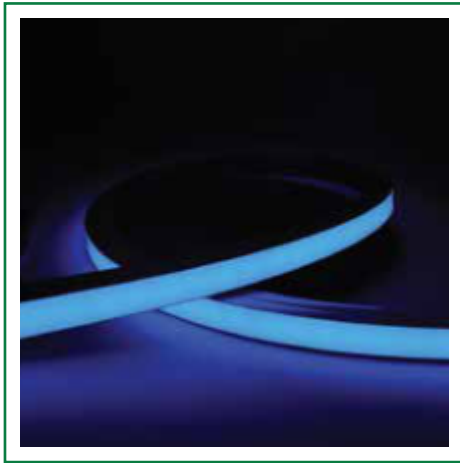
For added convenience, they come with a straight power cord and pigtail connector, allowing for easy plug-and-play installation. Perfect for enhancing building exteriors and creating striking visual effects, these rope lights combine performance, flexibility, and modern design.

Product Features

- 50FT Per Roll
- 144W / Roll
- CCT 6000K / Blue / Red / (RGB Coming Soon)
- Input Voltage 24VDC
- 150W Single ended Power supply covers
- Flexible Stainless Steel profile included in the box at no charge
- Cuttable every 2 Inch
- UL Listed
- 5 Year Warranty

LED NEON ROPE LIGHT

WATT	CCT	INPUT VOLTAGE	LIGHT SPREAD	LENGTH	COLOR	POWER	TYPE	IP RATING	CERTIFICATIONS
144W Per/Roll	N/A	24VDC	120°	50FT/Roll	Blue	Single Ended	D Type	IP66	UL
144W Per/Roll	N/A	24VDC	120°	50FT/Roll	Red	Single Ended	D Type	IP66	UL
144W Per/Roll	6000K	24VDC	120°	50FT/Roll	White	Single Ended	D Type	IP66	UL



Accessories

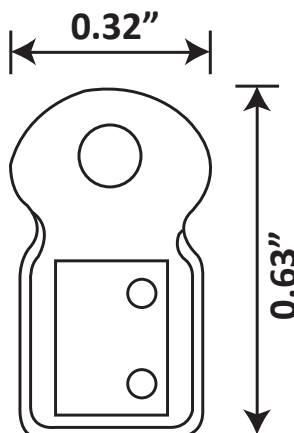


LED NEON ROPE LIGHT

Specifications (Red / Blue)

Parameter	Description	Value
General Performance	Wattage	144W Per/Roll
	Color Available	Red / Blue
	LM / LED	26-28Lm each LED
	Input Voltage	24VDC
	Frequency	50/60Hz
	Power Factor	>0.93
	Light Spread	120o
	Operating Temperature	-15oC to +40oC
	Power Per Meter	8-10W Per meter
	LED Brand	Epistar
	LED Type	SMD2835
	LED Power	0.2W Each
	PVC Material	Anti-UV PVC 4 to 5 Grade
	PVC Color	Milky PVC
	PCB	White color 8MM PVC
	LED Qty.	120 Pcs LED per meter
	IP Rating	IP66
	Warranty	5 Years

Dimension



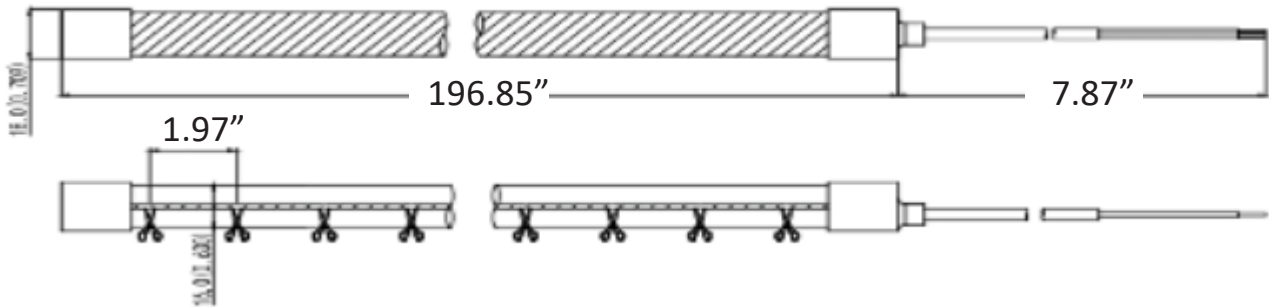
LED NEON ROPE LIGHT

Specifications (White)

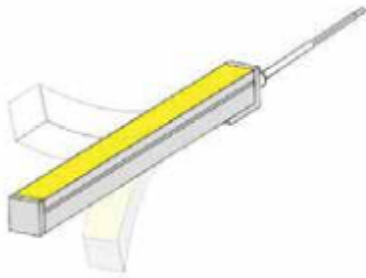
Parameter	Description	Value
General Performance	Wattage	144W Per/Roll
	Color Available	White
	Lumens	5550Lm
	LM / LED	26-28Lm each LED
	Input Voltage	24V DC
	Frequency	50/60Hz
	Power Factor	>0.93
	Light Spread	120o
	Operating Temperature	-15oC to +40oC
	Power Per Meter	8-10W Per meter
	LED Brand	Epistar
	LED Type	SMD2835
	LED Power	0.2W Each
	PVC Material	Anti-UV PVC 4 to 5 Grade
	PVC Color	Milky PVC
	PCB	White color 8MM PVC
	LED Qty.	120 Pcs LED per meter
	IP Rating	IP66
	Warranty	5 Years

LED NEON ROPE LIGHT

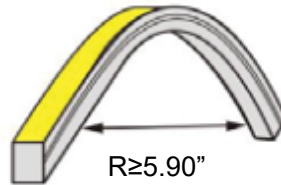
Profile Diagram



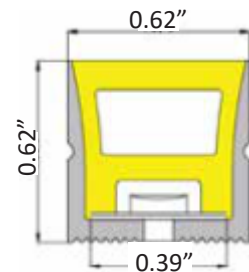
Bending Diagram



Top Bend



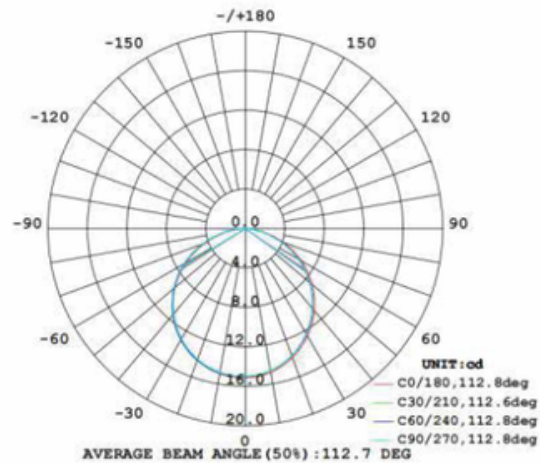
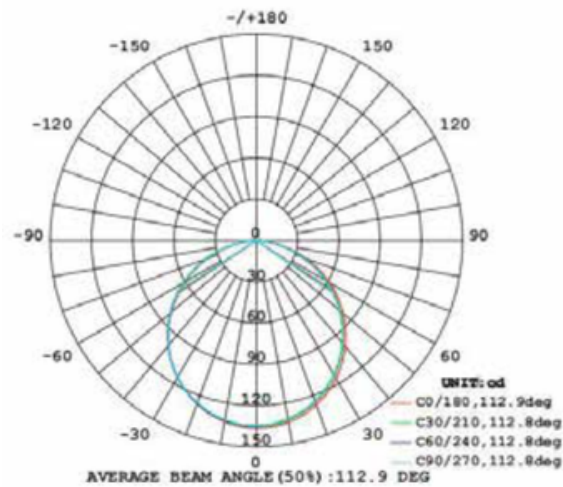
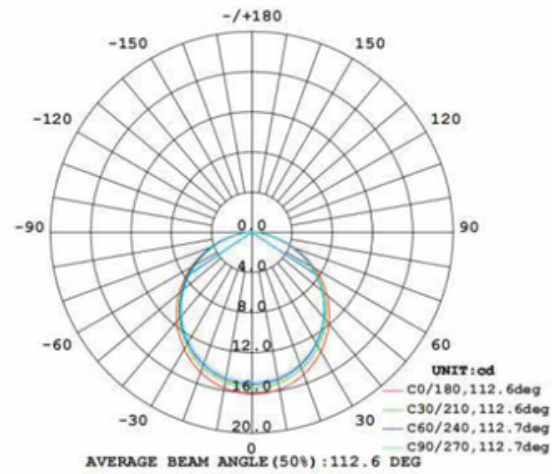
Bending Diameter



Sectional view

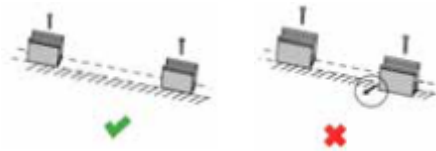
LED NEON ROPE LIGHT

Light Distribution



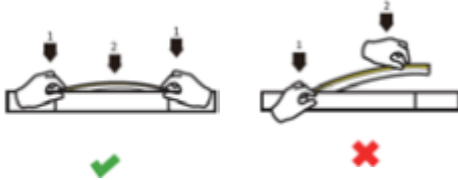
LED NEON ROPE LIGHT

Installation



Use screws to fix the clips or carriers on the mounting position.

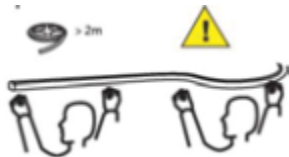
△ Notes: 3 clips can be used for 1m.



1. When install the Neon, install it from both ends at the same time, install from one direction is prohibited.

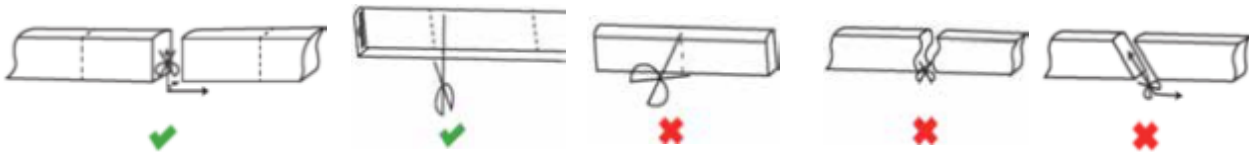


2. Use tool to disassemble carefully, and do not pull the Neon directly.

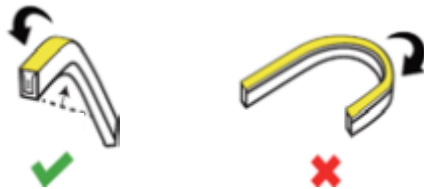


△ Notes: If the length of Neon is over 2m, it is recommended to install by two persons.

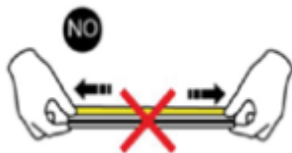
Attention



Cutting Methods



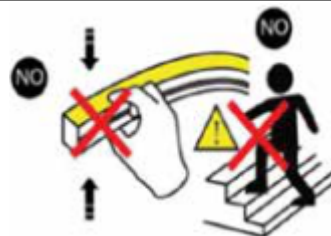
Do not bend the Neon less than 150mm.



No stretching.



No twisting.



No trampling.

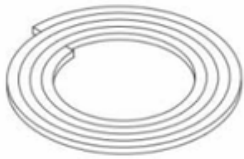
LED NEON ROPE LIGHT

Troubleshooting

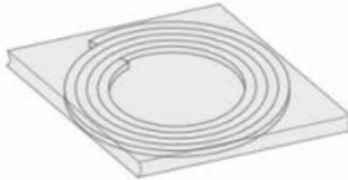
Malfunctions	Possible Causes	Solutions
All LEDs Stopped Working	The power supply did not connect to power grid.	Power on.
	Broken-circuit or Short-circuit.	Troubleshoot the problems and power on again.
	The wires of strips connect to the power supply terminal reversely.	Check the connection and ensure the polarity of the wires is connected correctly
Part of LEDs Stopped Working	Part of power supplies have output failure.	Check the power supply system.
	Part of wires of strips have breakdown.	
	Reverse connection of polarity.	Correct connection.
LEDs Too Weak or Uneven	Overloaded power supply.	Replace it with a powerful one
	Excessive power loss of the circuit or the power loss of each circuit differs a lot.	Ensure working voltage of strips is within $\pm 5\%V$ of rated voltage. 1. Shorten the length of wires between the first strip and power supply or replaced with wires with larger diameter. 2. Ensure the cascading qty of each circuit does not exceed the allowed range and is well distributed.
	Excessive cascading qty in series.	Adjust the cascading qty for strip to ensure the qty for each electrical circuit is within the maximum cascading qty.
LEDs Flickering	Exposed or loose joints of wires.	Find out and tackle malfunction immediately.
	Failures in power supply.	Replace it with a new one.

LED NEON ROPE LIGHT

Packaging Diagram



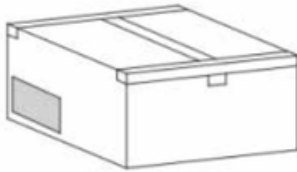
Reel the Neon strip



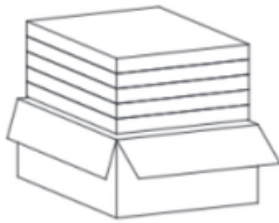
Put into the antistatic bag



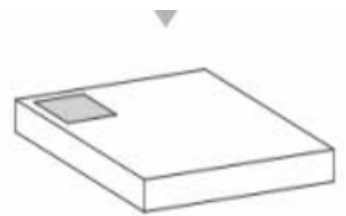
Put into the inner box



Pack into the outer carton



Put into the outer carton



Seal the inner box

Packaging

Role Size	Box Dimension	Gross Weight
50FT Per Roll	16.14" x 16.14" x 7.87"	33.06 LBS

LED NEON ROPE LIGHT

Application

