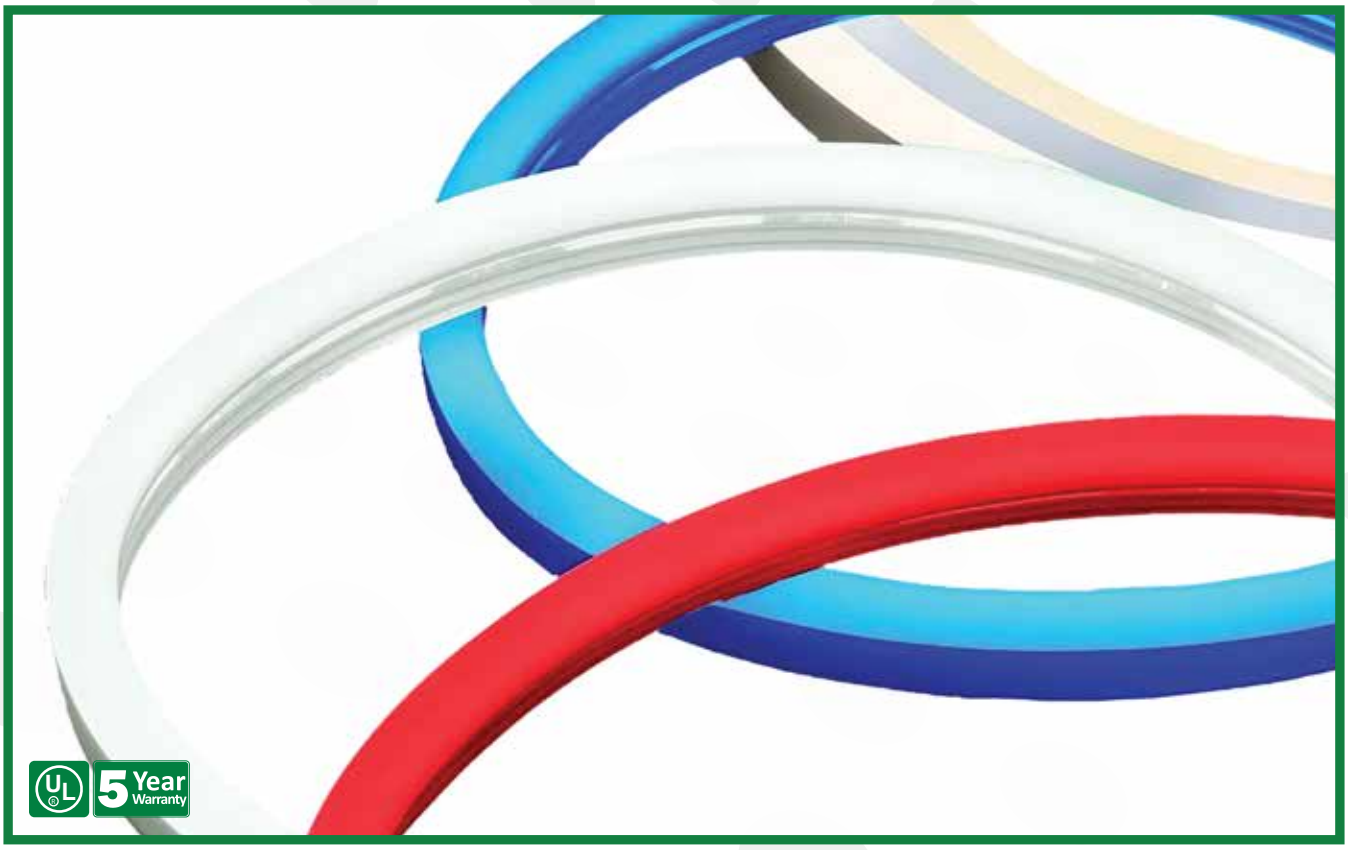
ALTIMA™

LED Neon Rope Light



SKU	Model #
156817	RX1CC0TD-A-1
156818	RX1CC0TD-A-1
156820	RX1CC0TD-A-1

Beyond LED Technology's ALTIMA LED Flexible Neon Rope Lights are the highest quality rope light in the market. Swap traditional neon glass tubes for these durable, flexible LED neon strip lights and stand out from the rest. Drawing from minimal power, these strips produce a continuous line of striking single-color or white neon light. Shatterproof and watertight, they are rated for use outdoors and in damp locations. A straight power cord & a pigtail connector are included for simple plug-and-play installation. Designed with a sleek jacket housing, ALTIMA Rope is ideal for enhancing the overall appearance of commercial buildings.

Product Features

- 50FT Per Roll
- 144W / Roll
- CCT 6000K / Blue / Red / (RGB Coming Soon)
- Input Voltage 24VDC
- 150W Single ended Power supply covers entire 50FT without voltage drop
- Flexible Stainless Steel profile included in the box at no charge
- Cuttable every 2 Inch
- UL Listed
- 5 Year Warranty

Due to continuous product improvement, information in this document is subject to change.

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LED Neon Rope Light

SKU	WATT	CCT	INPUT VOLTAGE	LIGHT SPREAD	LENGTH	COLOR	POWER	TYPE	IP RATING	CERTIFICATIONS
156817	144W Per/Roll	N/A	24VDC	120°	50FT/Roll	Blue	Single Ended	D Type	IP66	UL
156818	144W Per/Roll	N/A	24VDC	120°	50FT/Roll	Red	Single Ended	D Type	IP66	UL
156820	144W Per/Roll	6000K	24VDC	120°	50FT/Roll	White	Single Ended	D Type	IP66	UL







Accessories



SKU: 156821



SKU: 156823

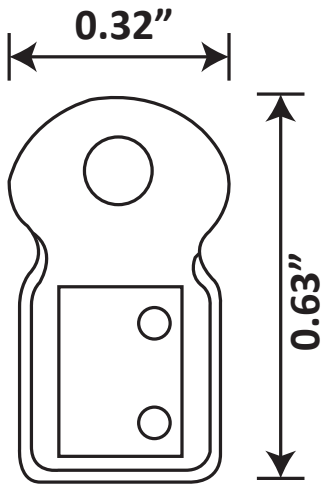
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LED Neon Rope Light

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	120°
	Operating Temperature	-15°C to +40°C
	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



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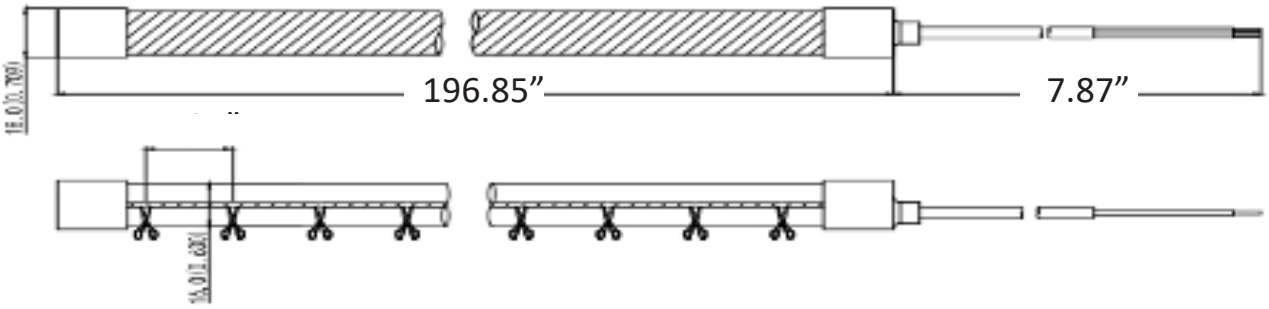
LED Neon Rope Light

Specifications (White)

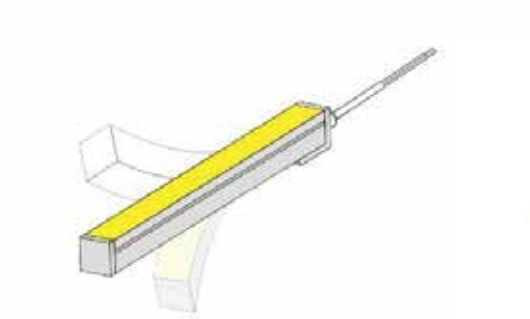
Parameter	Description	Value
General Performance	Wattage	144W Per/Roll
	Color Available	White
	Lumens	5550Lm
	LM / LED	26-28Lm each LED
	Input Voltage	24V DC
	Frequency	50/60Hz
	Power Factor	>0.93
	Light Spread	120°
	Operating Temperature	-15°C to +40°C
	Power Per Meter	8-10W Per meter
	LED Brand	Epistar
	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

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LED Neon Rope Light

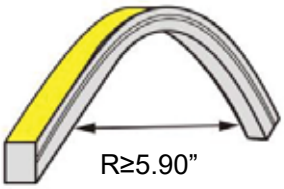
Profile Diagram



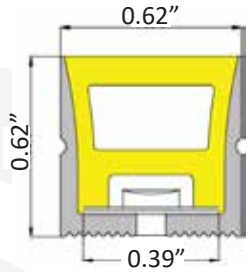
Bending Diagram



Top Bend



Bending Diameter

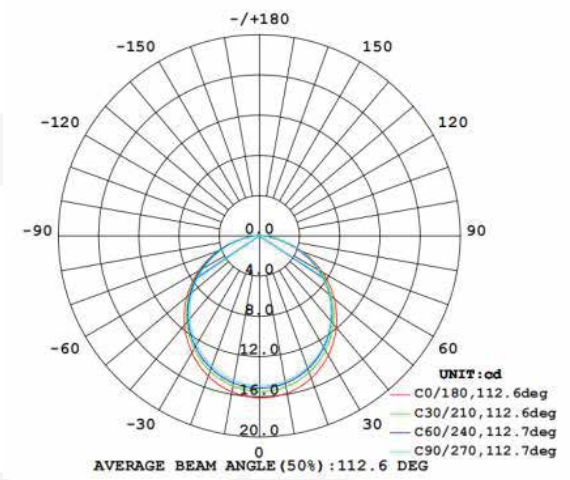


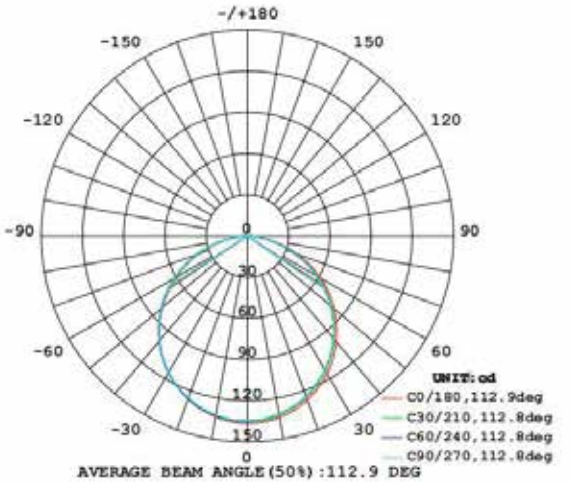
Sectional view

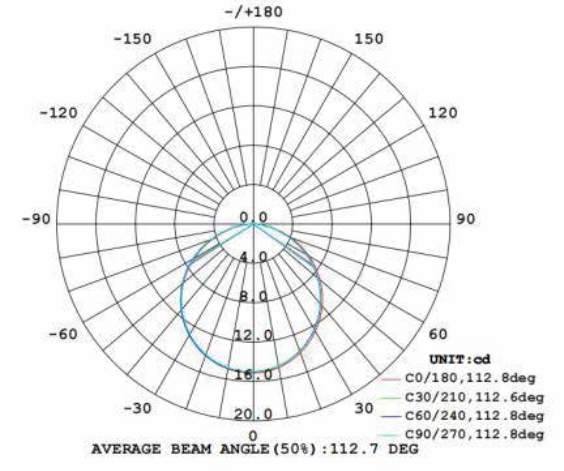
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Light Distribution

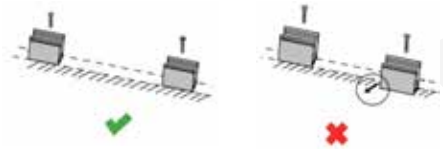




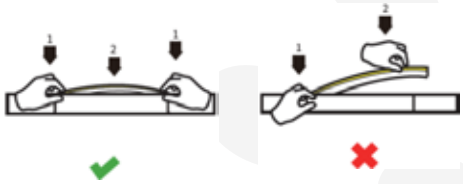


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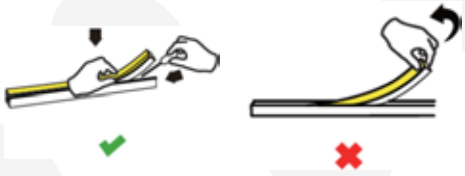
Installation



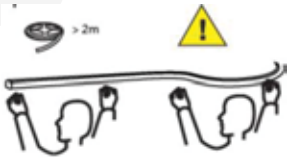
Use screws to fix the clips or carriers on the mounting position.
△Notes: 3 clips can be used for 1m.



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

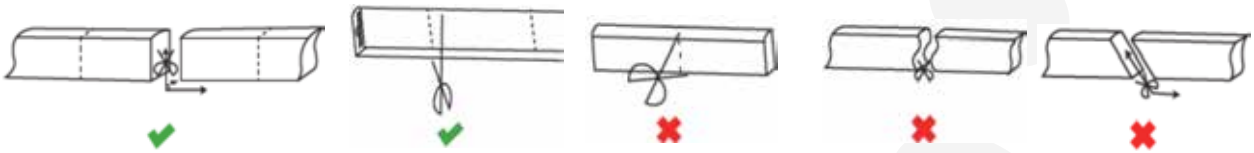


2. Use tool to disassemble carefully, and do not pull the Neon directly.

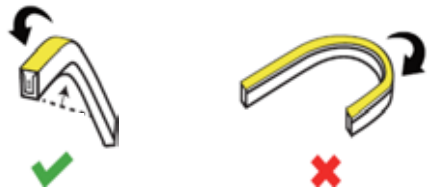


△Notes: If the length of Neon is over 2m, it is recommended to install by two persons.

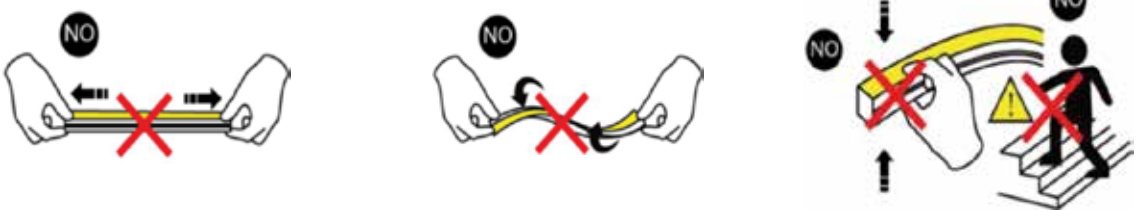
Attention



Cutting Methods



Do not bend the Neon less than 150mm.



No stretching. No twisting. No trampling.

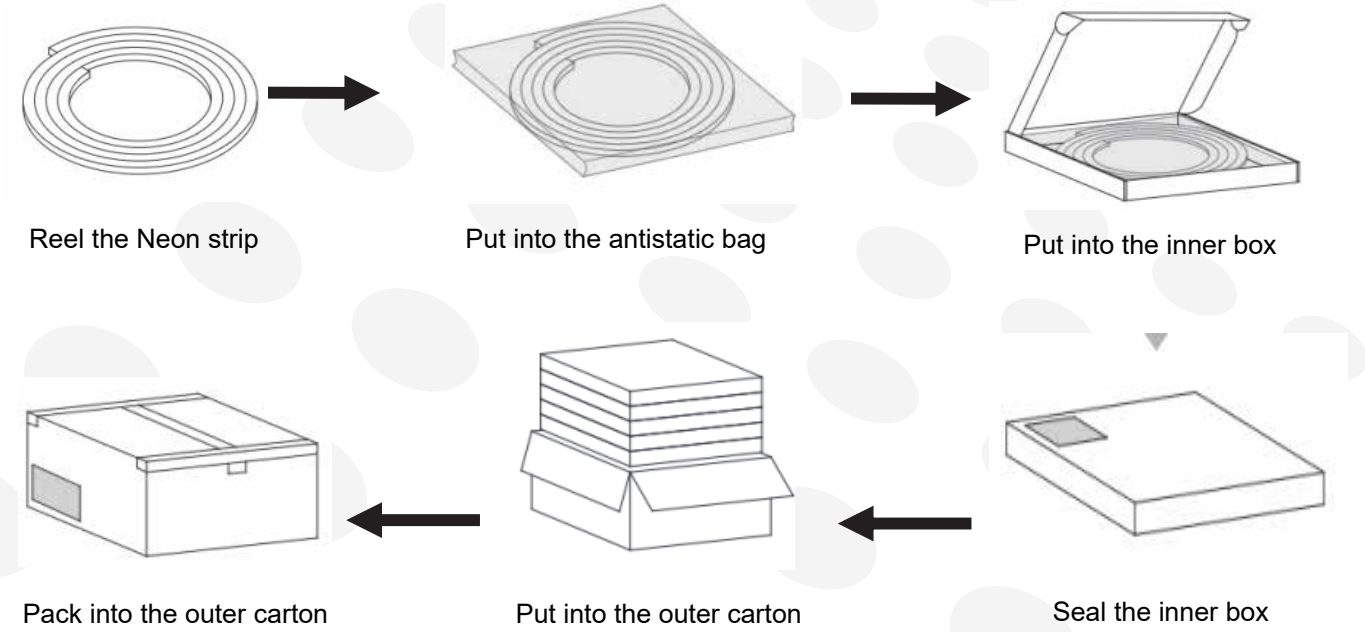
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LED Neon Rope Light

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±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.

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LED Neon Rope Light

Packaging Diagram



Packaging

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

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LED Neon Rope Light

Application



Warranty

This product is covered under a 5-year warranty. For complete warranty details,
Click Here.