ALTIMA™
Neon Rope Light

UL LISTED | 5 Year Warranty
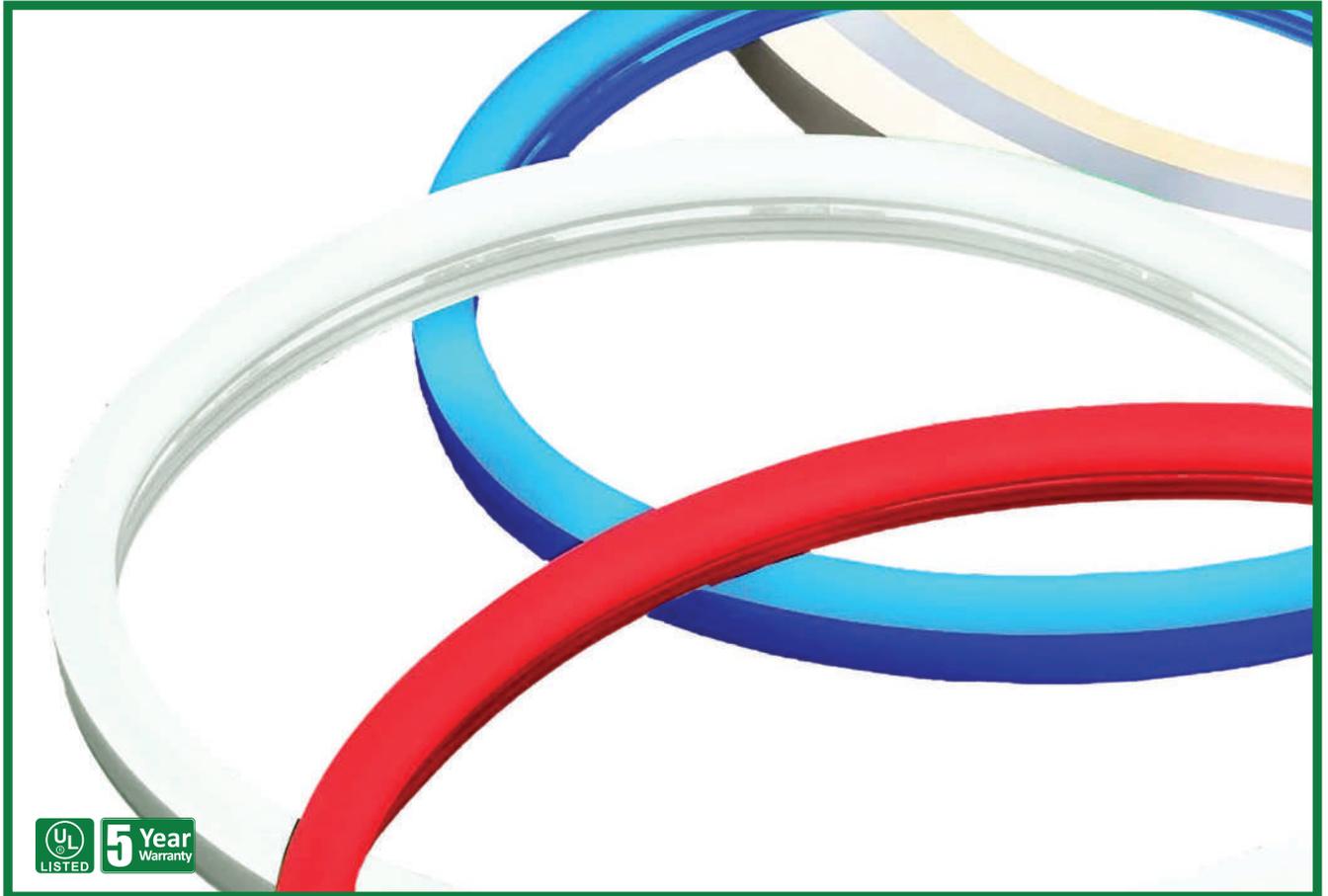
Beyond LED Technology LED Flexible ALTIMA Neon Rope Lights are the highest quality rope light in the market. Swap traditional neon glass tubes for these durable, flexible LED neon strip lights and stand out from the rest. Drawing from minimal power, these strips produce a continuous line of striking single-color or white neon light. Shatterproof and watertight, they are rated for use outdoors and in damp locations. A straight power cord and 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.
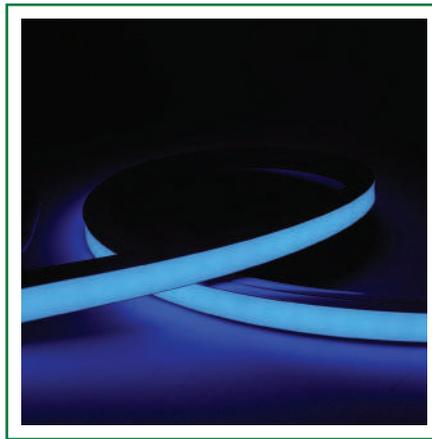
Product Features

- 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

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SKU #	Model #	Watt	CCT	Color	Type	Length	Lifespan	Input Voltage	Certifications
156817	RX1CC0TD-A-1	144W Per/Roll	N/A	Blue	D Type	50FT/Roll	50,000 Hrs	24VDC	UL
156818	RX1CC0TD-A-1	144W Per/Roll	N/A	Red	D Type	50FT/Roll	50,000 Hrs	24VDC	UL
156820	RX1CC0TD-A-1	144W Per/Roll	6500K	White	D Type	50FT/Roll	50,000 Hrs	24VDC	UL
	RX1CC0TD-A-1	144W Per/Roll	N/A	RGB	D Type	50FT/Roll	50,000 Hrs	24VDC	UL

Accessories

SKU: 156821

SKU: 156823

NEON ROPE Light

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Neon Rope Light

Specifications (Red / Blue / RGB)

Parameter	Description	Value
General Performance	Wattage	144W Per/Roll
	Color Available	White / Red / Blue /RGB
	LM / LED	26-28Lm each LED
	Input Voltage	24VDC
	Frequency	50/60Hz
	Power Factor	>0.93
	Lens Angle	120° Degree
	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 warranty

Dimension

0.32"

0.63"

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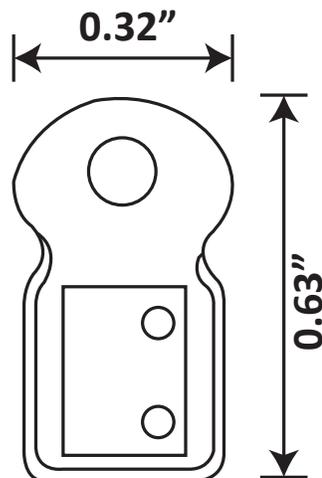
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Neon Rope Light

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
	Lens Angle	120° Degree
	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 warranty

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Profile Diagram

196.85"

7.87"
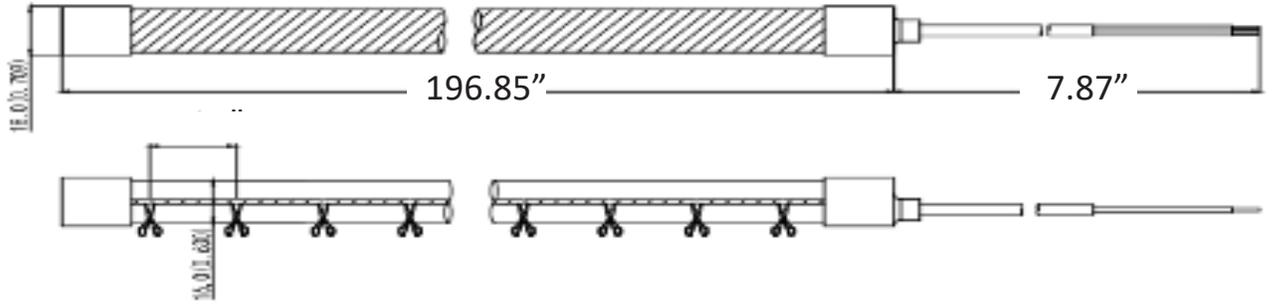
Bending Diagram

Top Bend

R≥5.90"

Bending Diameter

0.62"

0.62"

0.39"

Sectional view

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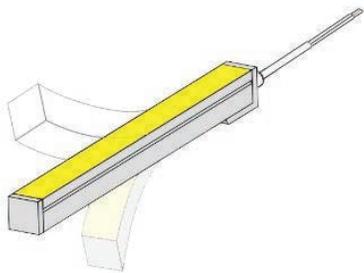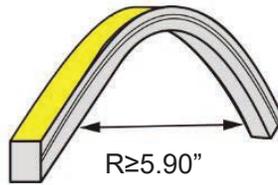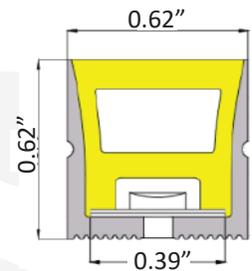
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Light Distribution

UNIT:cd
C0/180,112.6deg
C30/210,112.6deg
C60/240,112.7deg
C90/270,112.7deg

AVERAGE BEAM ANGLE(50%):112.6 DEG

UNIT:cd
C0/180,112.9deg
C30/210,112.8deg
C60/240,112.8deg
C90/270,112.8deg

AVERAGE BEAM ANGLE(50%):112.9 DEG

UNIT:cd
C0/180,112.8deg
C30/210,112.6deg
C60/240,112.8deg
C90/270,112.8deg

AVERAGE BEAM ANGLE(50%):112.7 DEG

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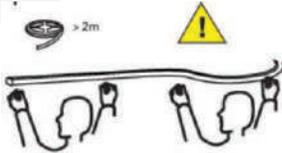## Neon Rope Light

Installation
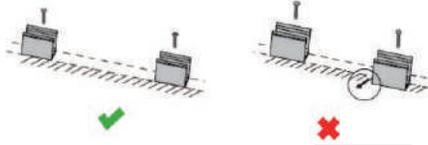
Use screws to fix the clips or carriers on the mounting position.
△Notes: 3 clips can be used for 1m.
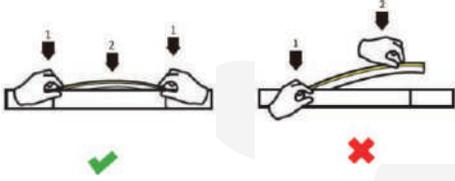
1. When install the Neon, install it from both ends at the same time, install from one direction is prohibited.
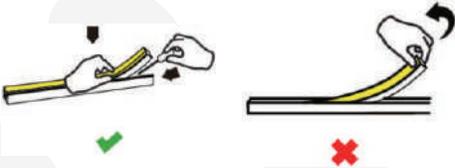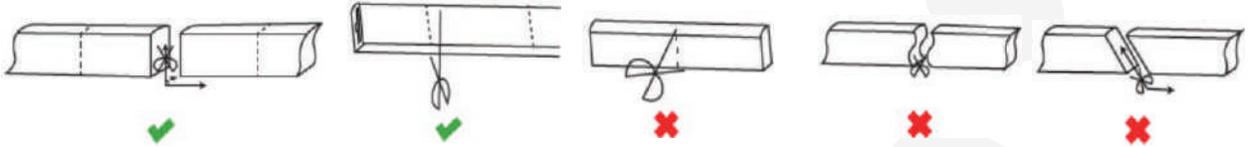
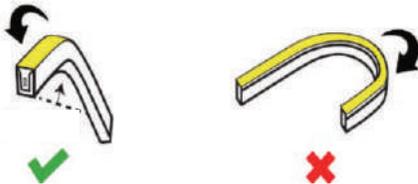2. Use tool to disassemble carefully, and do not pull the Neon directly.

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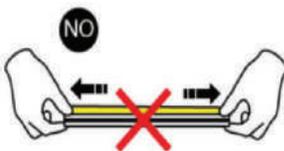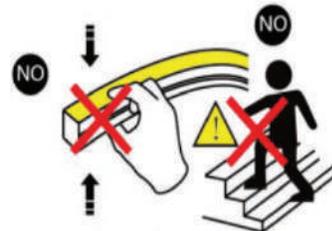
Attention

Cutting Methods

Do not bend the Neon less than 150mm.

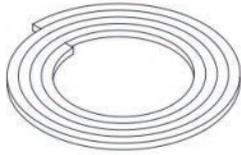No stretching.　　　　No twisting.　　　　No trampling.

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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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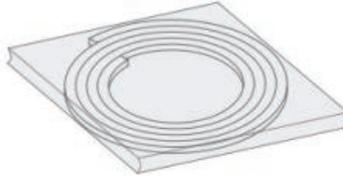
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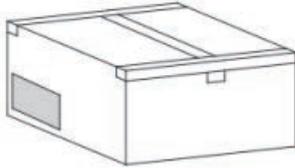## Neon Rope Light
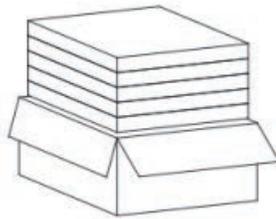
Packaging Diagram
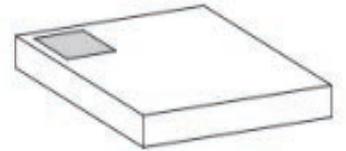
Reel the Neon strip

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	Carton Size (Inches)	Gross Weight
50FT Per Roll	16.14 x 16.14 x 7.87"	33.06 LBS Per Carton

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Application

Warranty

5 Years Warranty

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