

LED STRIP LIGHT



Lumens Depot Foam's LED Strip Lights are a modern and high-performance lighting solution designed to deliver bright, seamless illumination without visible dots or hot spots. Engineered with a refined design, they provide a smooth and continuous lighting effect that enhances both visual appeal and functionality. With a maximum run length of up to 16 feet, these tape lights are ideal for a variety of applications including coves, under-cabinet lighting, displays, and creative installations. Suitable for both residential and commercial environments, they offer a versatile and efficient lighting option. Combining sleek design, consistent light output, and reliable performance, these strip lights are an excellent choice for enhancing interior spaces with clean and professional lighting.

Product Features

- Peel-and-stick adhesive backing simplifies mounting
- 16 ft of Total length per strip
- CRI >90
- 0-10V Dimmable
- 180° Beam Angle
- 8mm Strip Width
- Cuttable every 2 inches
- IP20 Rated
- Invisible LEDs
- No Hot spots
- 24V / 60 Watt LED driver included
- UL Listed
- 3-Year warranty

LED STRIP LIGHT

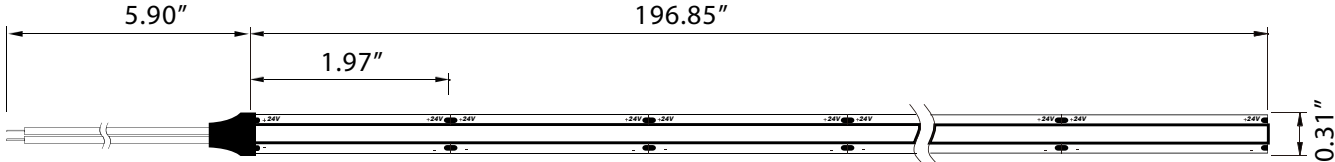
WATT	MAX LUMENS	CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	MIN. CUTTABLE LENGTH	IP RATING	CERTIFICATIONS
50W	N/A	Blue	24V	>90	16FT	180°	2 Inches	IP20	UL

Specifications

Parameter	Description	Value
General Performance	Model #	BLT-SQ528LC1
	Wattage	50W
	Max Lumens	N/A
	Lumen Efficacy	N/A
	Color Temperature	Blue
	CRI (Ra)	>90
	Light Spread	180°
Electrical	Input Voltage	24V
	Dimming	0-10V dimming standard
Physical	Operating Temperature	-25°C TO 45°C
	Storage Temperature	N/A
	Cuttable Length	1.97 in
	Strip Width	0.31 in
	Total length per strip	16 FT
	Operating Length	N/A
	IP Rated	IP20
	LEDs/FT	176
Qualification	Warranty	3 Year

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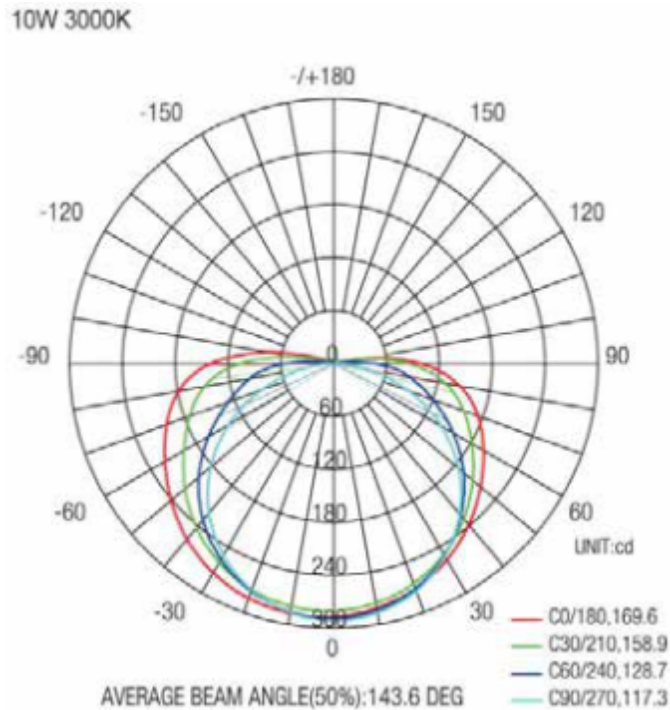
Dimensions



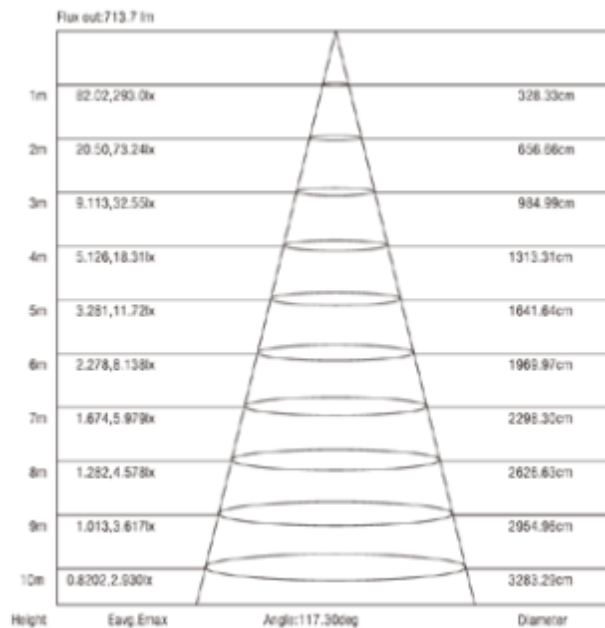
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Photometric Data

Luminous Intensity Distribution Curve



Illuminance at a Distance



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Installation

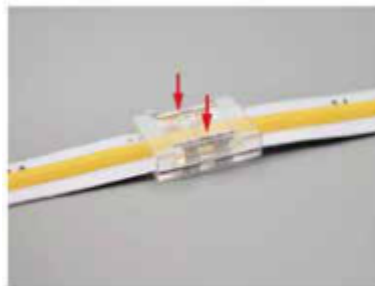
Product Connections



Insert each end of led strips into the end of the connection terminal respectively, make sure the metal clip is in same side as the metal solder pad of led strip.



After completing the insertion, make sure both ends of led strip are tightly connected.



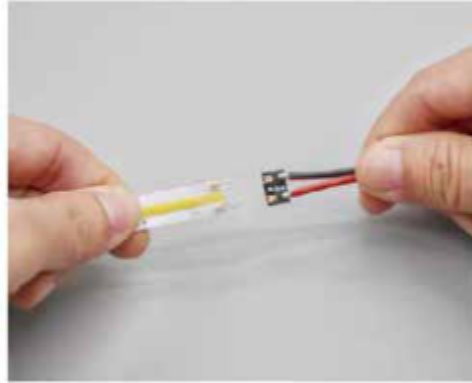
Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position to complete the connection.

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Installation

Wiring Connections

Gel Coating



Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip.



Meanwhile make sure both ends are closely connected, press the metal clip down with the appropriate force using pliers to ensure that the clip is inserted into the appropriate position to complete the connection.

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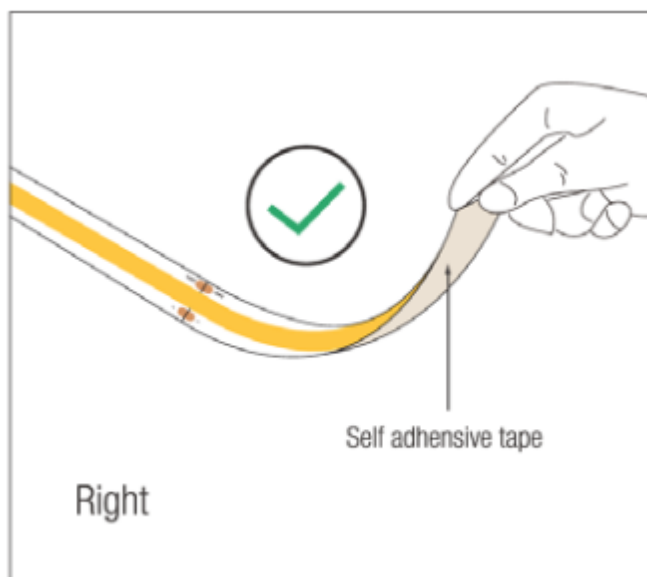
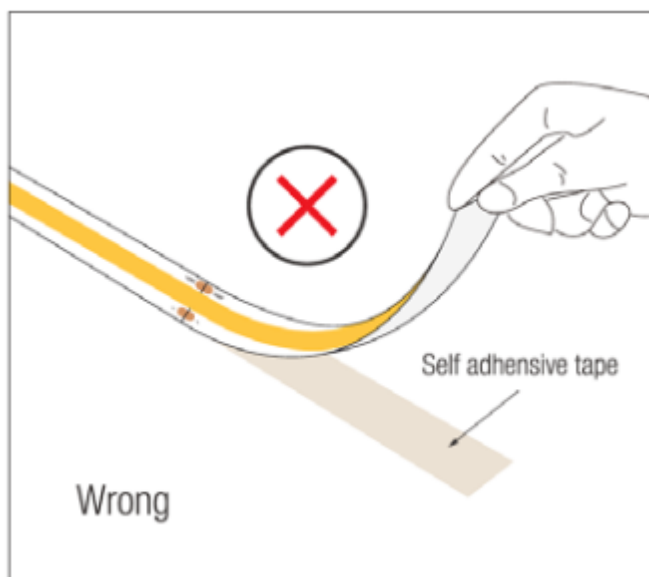
Installation



IP20



Caution



If the led strip needs to be torn upwards, please make sure that the self adhesive tape is torn with the led strip, else the led strip would be damaged.

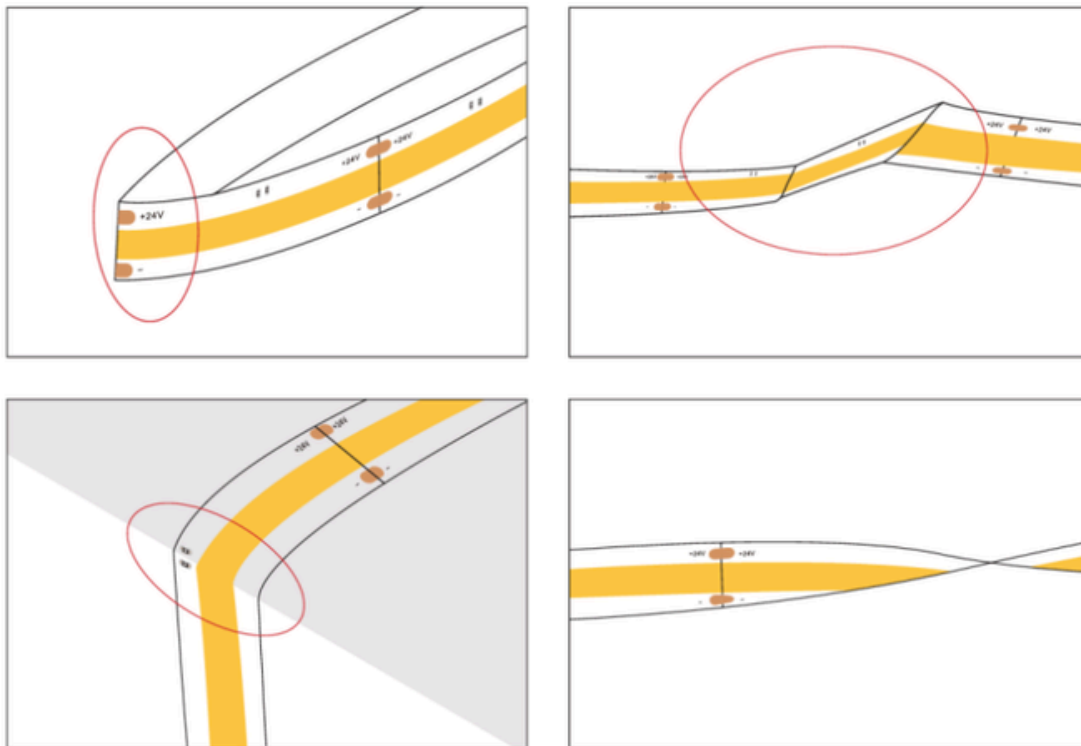
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Installation

Distortion (Wrong)

Note: The led strip can be bent, but not distorted.

LED strips are low voltage products, you must use the power supply (transformer). Please do not connect the led strip directly to the AC 100V or AC 220V, else it would burn out the LED strip.



Installation

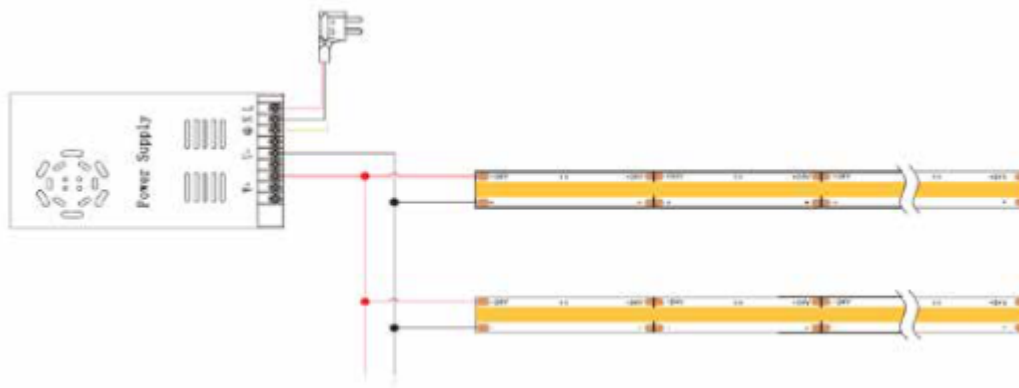
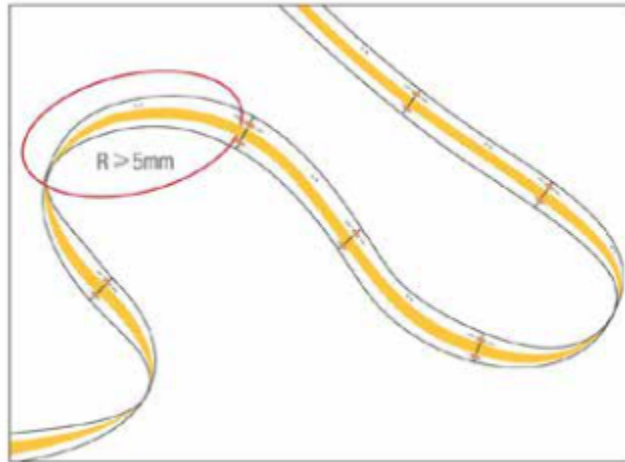
Bend (Right)

Clean up the installation surface, it will ensure the reliability of the adhesive, the electrical connection process must be operated by a professional person.

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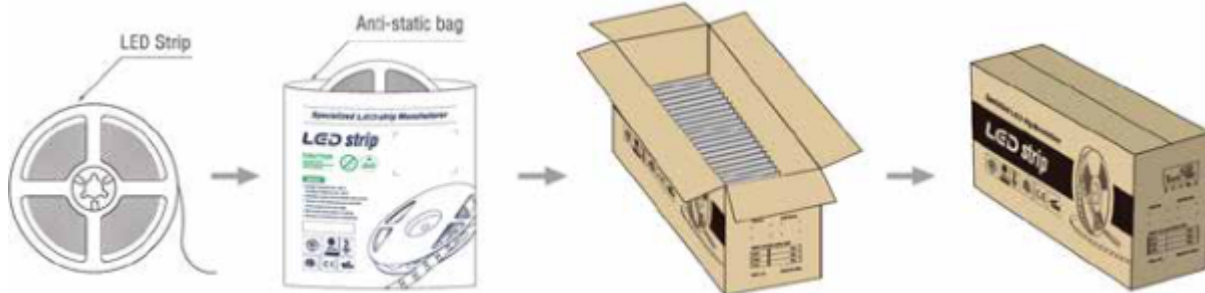
Installation

Wiring Diagram



Packaging

Bracket Type	Box Dimension	Qty	Net Weight	Gross Weight
Inner Box	6.30" X 6.30" X 2.36"	1 Pc/Box		0.66LBS
Outer Box	19.50" X 17.72" X 8.46"	32 Pcs/Box		21.12LBS



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Application Image



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Safety Precautions

To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels. Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions. Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply. Turn off the power when you perform any maintenance. Verify that supply voltage is correct by comparing it with the luminaire label information. Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements. All wiring connections should be capped with UL approved wire connectors.

CAUTION: RISK OF INJURY

Avoid direct eye exposure to the light source while it is on. Account for small parts and destroy packing material, as these may be hazardous to children.