



120V SERIES

LED STRIP LIGHT 4W/FT | 6W/FT

PROJECT:
PREPARED BY:
DATE:
TYPE:



Sub-Primary Lighting

4W / FT | 6W/ FT

120V

The 120V Series offers a line-voltage lighting solution designed for easy, transformer-free installation. Available in 4W/ft and 6W/ft options, it features 120V direct connection, 90+ CRI, and long maximum runs of up to 164 feet, making it ideal for large-scale installations. With a variety of color temperatures (2400K-5000K), and Triac dimming compatibility, this strip light delivers seamless, energy-efficient illumination for both indoor and outdoor applications

Ideal for sub-primary lighting levels, the 120V Series delivers powerful yet controlled illumination, making it perfect for cove lighting, ceiling integrations, and layered architectural designs

PERFORMANCE

• Wattage	4W/FT 6W/FT	• Power Factor	0.93
• Input Power	120V	• Certification	ETL
• CRI	90+	• Dimming	Triac
• LED Density/FT	18 (4W) 26 (6W)	• Warranty	5 years
• Maximum Run	164FT (4W) 66FT (6W)		

DIMENSIONS

• Length per Roll	164FT (4W) 66FT (6W)
• Height x Width	0.26" x 0.6"

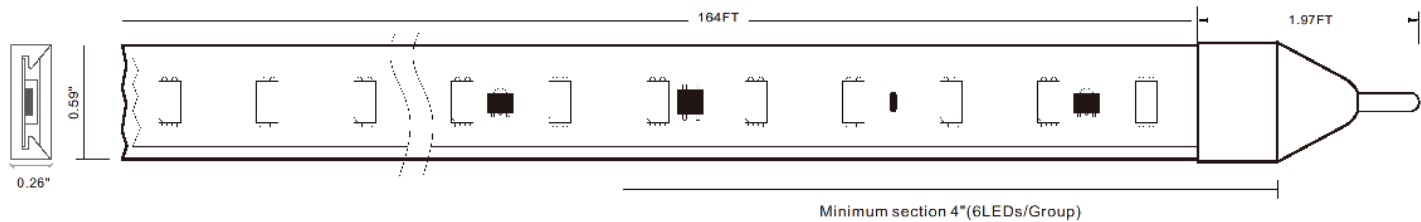
INSTALLATION

• Environment	IP20	• Adhesive	3M
• Cutting Interval	4" (4W) 3.43" (6W)	• Ambient Temperature	-20°C to 40°



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ORDER GUIDE

Model	Length (ft)	Wattage	CCT	Lumens/FT	Efficacy	IP Rating
LB53646	66FT	6W/FT	2400K	471LM	78.48LM/W	IP20
LB53648	66FT	6W/FT	2700K	471LM	78.48LM/W	IP20
LB53650	66FT	6W/FT	3000K	509LM	84.90LM/W	IP20
LB53652	66FT	6W/FT	3500K	542LM	90.35LM/W	IP20
LB53654	66FT	6W/FT	4000K	554LM	92.29LM/W	IP20
LB53656	66FT	6W/FT	5000K	554LM	92.29LM/W	IP20
LB53658	164FT	4W/FT	2400K	260LM	65LM/W	IP20
LB53659	164FT	4W/FT	2700K	270LM	67LM/W	IP20
LB53660	164FT	4W/FT	3000K	270LM	67LM/W	IP20
LB53662	164FT	4W/FT	3500K	300LM	75LM/W	IP20
LB53664	164FT	4W/FT	4000K	320LM	80LM/W	IP20
LB53666	164FT	4W/FT	5000K	320LM	80LM/W	IP20

• Custom length cuts are sealed and secured at our facility



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ACCESSORIES



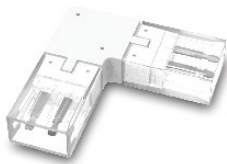
LB53690 - Hardwire Starter
LB53699 - 3M Hardwire Starter
LB53700 - 5M Hardwire Starter



LB53691 - Power Plug Starter



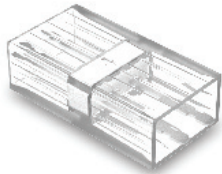
LB53698 - 3" Connector
LB53693 - 24" Connector



LB53694 - L shape connector



LB53692 - Clear Endcap



LB53695 - Inline connector



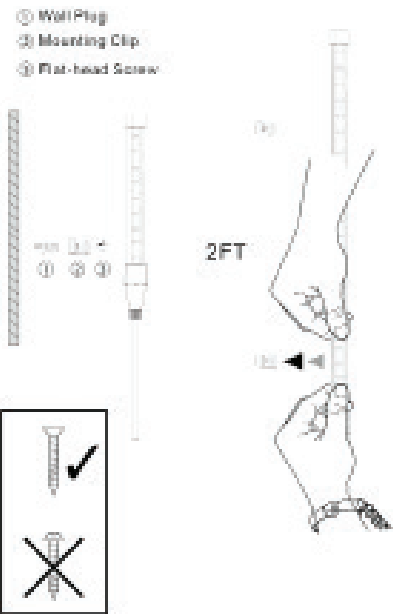
LB53697 - PVC Channel



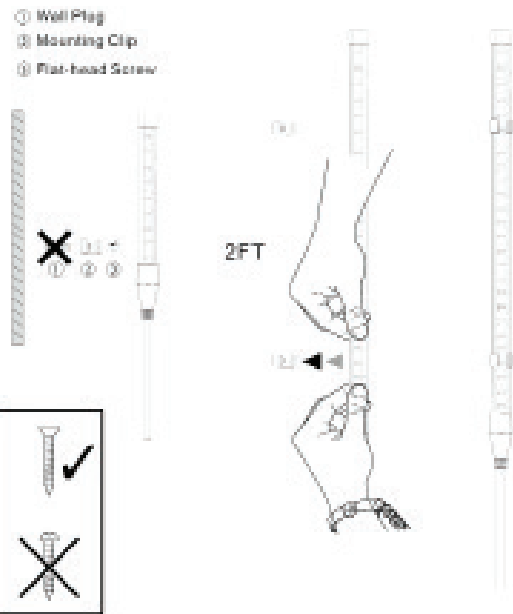
LB53696 - Mounting Clip

MOUNTING CLIP INSTALLATION GUIDE

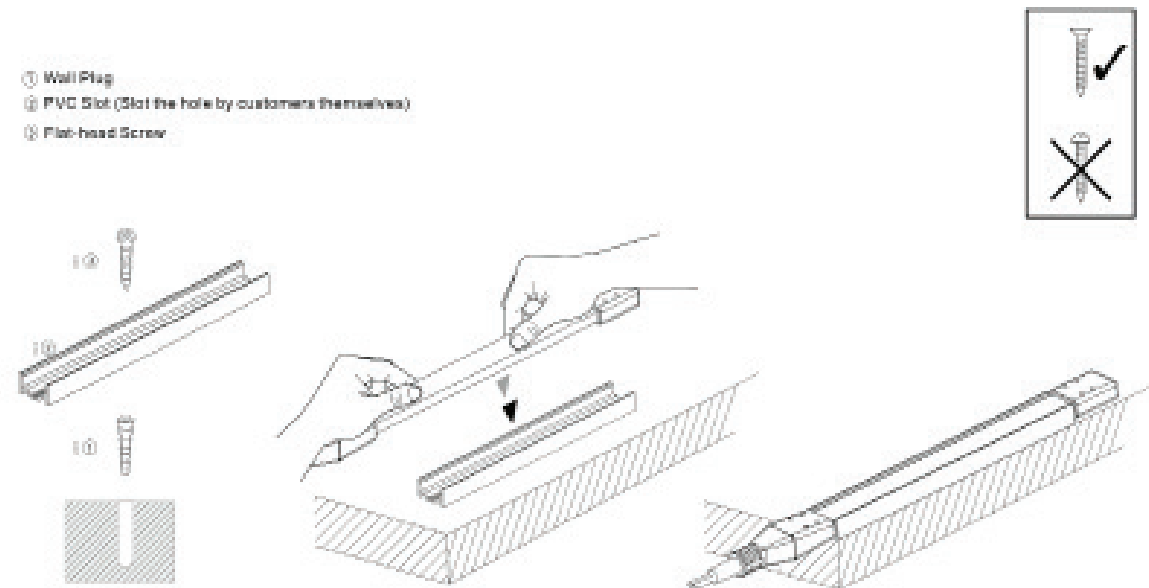
Installation on Masonry Wall



Installation on Paneling Wall



PVC SLOT INSTALLATION GUIDE



120V SERIES

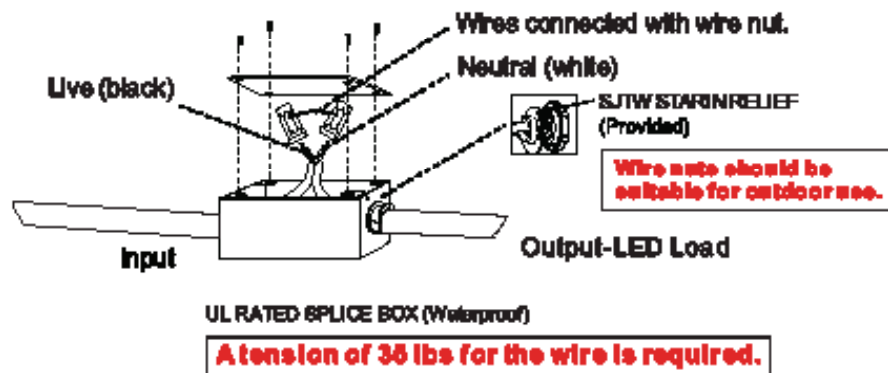
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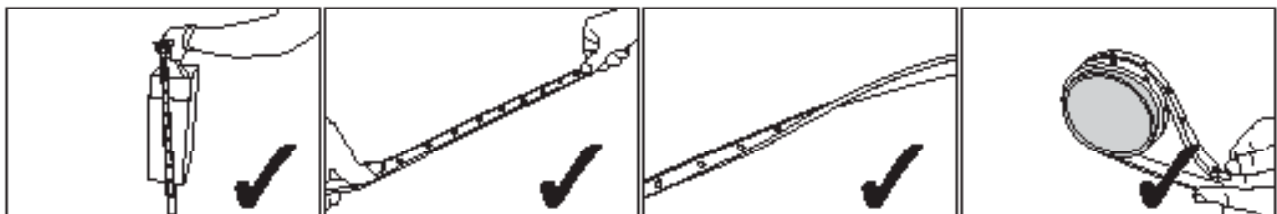


INSTALLATION PROHIBITION

- Do not install in high corrosive environment.
- Do not install in high temperature or humid environment.
- Do not install in sea water
- Do not use any chemical glue on the back of the tape light for installation.
- Please use physical installation: mounting clips or PVC channels.

ATTENTION

- The working ambient temperature is -20°C to 40 °C (Drop current when over temperature- Max.80°C)
- 5 years warranty (suggested max operation 8 hours per day).
- Bending, twisting and trampling are prohibited in temperatures below 5°C (PVC is brittle in temperatures below 5°C).
- Do not puncture, cut, shorten, or splice the flexible lighting.



Before installation, please take out the strips as shown for better use.

Keep the strip in a straight line while installing.

In 1m long situation, the strips could be curved with 90° maximum.

The minimum bending diameter is 3.9".



Do not fold the strip in half.

Do not twist the strip in the bending position.

Do not bend or stress on the strips from the side.

Wire tension > 35 lbs.