

LED & Incandescent Ropelight Installation Guidelines

Please note that these instructions are guidelines only and in no way supercede any construction or installation standard. It is strongly recommended that local building and electrical codes be consulted before installation to guarantee compliance.

*CSA/UL regulations regarding line voltage Ropelight products changed in May 2003. The new regulations state that all line voltage Ropelight products must be shipped pre-assembled in defined lengths with power cords and end caps sealed into place.

***** Incandescent Ropelight *****

1. Ampacity Limitations

No single length may exceed 200ft in length or 1100W.

2. Wiring Guidelines and Placement of Transformers

Consult the electrical code for details on wiring requirements.

3. Lighting Installation

WARNING: ENSURE POWER IS OFF BEFORE INSTALLTION

Mounting Method 1: Plastic Ties

Plastic ties are a convenient and easy way to mount the Ropelight. Usually these ties will either be fixed to a frame, branch or adhesive backed mounting block. If you use a mounting block, please ensure that the surface is clean, smooth and dry.

Mounting Method 2: Mounting Clips

This method is ideal for wood and porous surfaces that do not accommodate adhesives. To use, simply place over tubing between bulbs and screw or nail into the provided holes. Be careful not to disturb the filament, as it will break.

Mounting Method 3: Snap-in Channel

This method is the most strongly recommended as it helps ensure the lighting is mounted in straight lines. Do not twist the light tube and keep the bulbs facing up. Avoid high heat and keep ventilated. Affix the channel on a clean, dry, smooth surface and ensure it is well fixed before installing the lighting. Keep the inner cords of the light parallel to the bottom of the channel and the bulbs on top. Embed Ropelight into the channel firmly and carefully.

***** LED Ropelight *****

POLARITY MUST BE MAINTAINED WITH ALL LED PRODUCTS!

If your LED Ropelight does not work, try plugging it in from the other end.

1. Transformer Requirements

LED Ropelight is available in 120V, 24V, and 12V. Transformers are necessary for low voltage versions and it is important to select an appropriate size. It is recommended that a professional calculate the loads.

2. Ampacity Limitations

All LED Ropelight products run on DC power. Power cord comes with a 1.6A inline DC converter.

		<u>12V</u>	<u>24V</u>	<u>120V</u>
Yellow/Red	0.04W / LED	40ft	80ft	400ft
White/Blue/Green	0.08W / LED	20ft	40ft	200ft

3. Wiring Guidelines and Placement of Transformers

Consult the electrical code for details on wiring requirements. Transformers must be kept free of moisture; when installing please ensure they have adequate ventilation and are not subject to very warm or cool temperatures. Please read the manufacturers' specifications for details. For magnetic transformers we recommend that a dampening pad or devise be used, as there is often some humming from the transformer. A large transformer can be used with multiple legs coming off. Each line must be current protected and limited to 2 Amps.

4. Lighting Installation

See Installation Instructions for incandescent Ropelight.



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