

Luna/Eclipse™ Flex Light

Part#: RNLLVVKK-LLLWL

INSTALLATION INSTRUCTIONS

PARTS / TOOLS NEEDED:

			
Luna Flex Light	UL Approved Power Supply (purchased separately)	Mounting Track	Butt Splices (not provided)
			
Power Drill	#4 Screws (Screw mount track only)	Alcohol Wipes (not provided)	Primer 94 (not provided)

Safety Instructions

- Disconnect power before installing, adding or changing any component.
- To avoid a hazard to children, account for all parts and destroy all packing materials.
- Do not install any luminaire assembly closer than 6" from any combustible materials.
- For safety purposes, ITC recommends tape light installations be used with a Class 2 power device. For installations without a Class 2 power device, it is highly recommended that appropriate fusing be used, to be determined by tape light length.

Installation Considerations For All Flexible Lighting Products

- Do not bend lighting more than necessary. It should only be bent to a 1" radius. Bending to a tight 90 degree angle could cause damage to the circuit.
- Only bend the LED ribbon in one natural direction, do not try to bend in an unnatural direction such as twisting.
- Make sure surfaces are smooth, clean and free of dust and debris before installing this product. Surfaces should be cleaned and primed per the 3M specified cleaning instructions* on page two. Failure to properly clean the surface may result in loss of adhesion.
- Rough surfaces may prevent proper adhesion. If adhesion failure occurs, screw-in mounting channels may be used for installation.

**Installation Considerations For RNLL Flexible Lighting

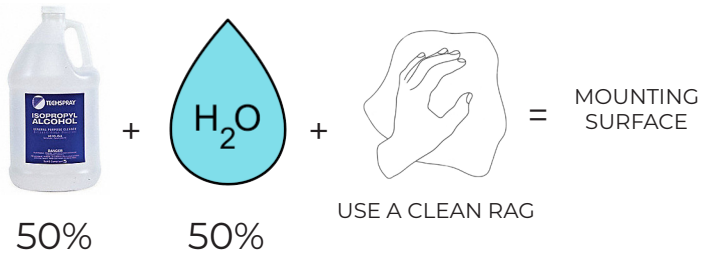
- Unroll the entire length of Luna (RNLL) before installing.
- Start at the wire lead end and beginning of channel, work the light into the channel going 6" at a time. The light should go into the channel pretty easily by just thumbing it in.
- When pushing the light into the channel, make sure to push towards the wired end. The silicone on the light is flexible and pushing away from the wired end will leave a gap at the end of the run.
- Do not use any roller as that may cause damage to the LED circuit.



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For warranty information please visit www.itc-us.com/warranty-return-policy
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- 1. Clean surface with a mixture of 50% water/50% isopropyl alcohol.**
Let surface dry.



- 2. Apply Primer 94 as recommended by 3M.**
Failure to follow the surface preparation guidelines will void the warranty.



*http://www.3m.com/3M/en_US/bonding-and-assembly-us/resources/full-story/?storyid=b3996cbd-9954-455f-8e72-88e452ca38c0

- 3. Determine the installation location. The light can be installed via adhesive tape or channel.**

Adhesive Mounting:

Prep the surface following step one and two above. Remove the paper backing from the light and press in place.

Adhesive Mount Channel:

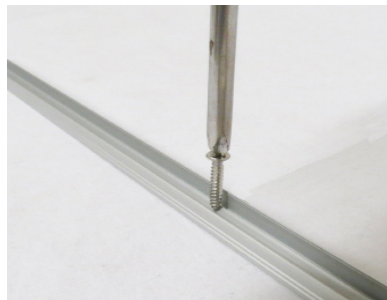
Prep the surface following step one and two above. Remove the paper backing from the channel and press in place. Install the light in the channel by gently rocking it back and forth. Refer to installation tips on page one to ensure a successful installation.

Screw Mount Channel:

Screw the channel in place, with roughly 12" between each attachment point. Install the light in the channel by gently rocking it back and forth. Refer to installation tips on page one to ensure a successful installation.



Adhesive Mount
Light or Channel

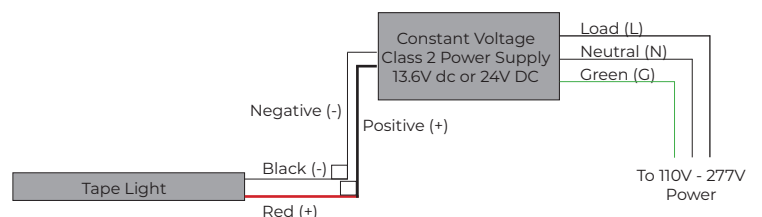
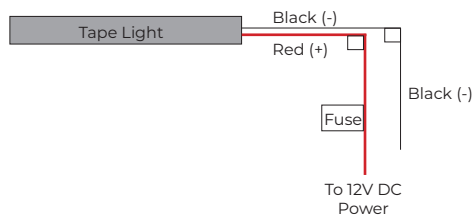


Screw Mount Channel



Installing Light**

- 4. Follow the wiring diagram below to wire the light to your system.**

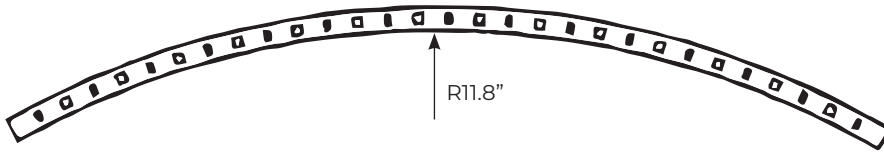


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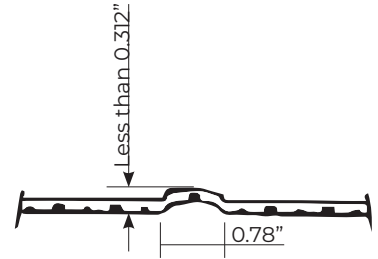
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5. Please review the considerations below to ensure a successful installation.

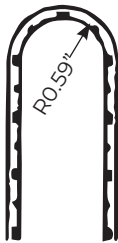
***RNLL flexible lighting cannot be field cut. Field cutting the light will void the warranty.**



Do not horizontal bend to a radius of less than 11.8"



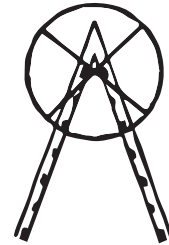
Do not axial bend to the height of more than 0.312" within 0.78" segment



Do not bend to a radius of less than 1/2"



Do not twist more than 90° over the length of one 24V segment / Two 12V segments (4" total length)



Do not bend flexible light at 90°



Do not bend right at solder joint



Only bend the wire

