ITC Luna Flex Light Installation Guide
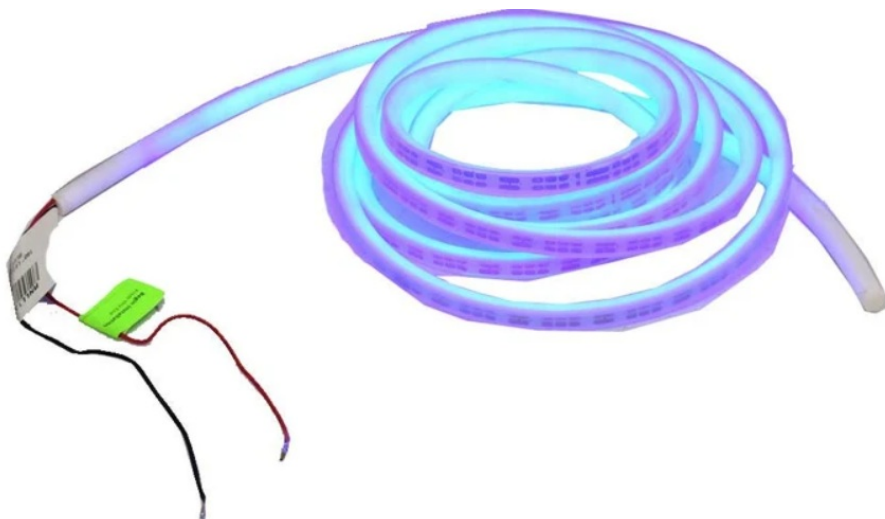
Contents

ITC Luna Flex Light

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)

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 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.

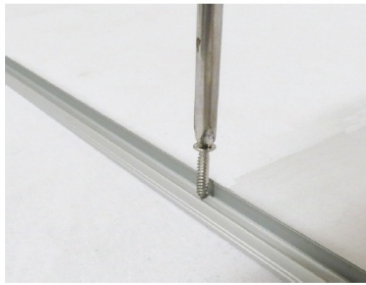## Installation Considerations For RNLL Flexible Lighting

- 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.
- For more information about the handling of this product please scan the code or visit, **http://www.elio-itc.com/luna-trouble-shooting-guide/**

1. Determine the installation location and install the track by either taping or screwing in place. Install the light in the track by gently rocking it back and forth. Refer to installation tips above to ensure a successful installation.
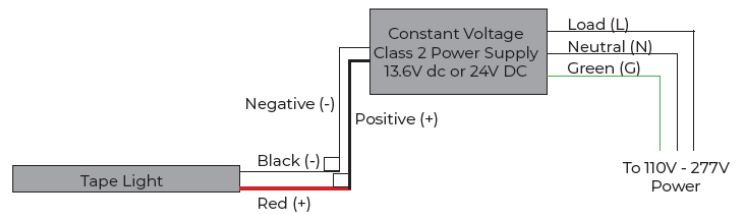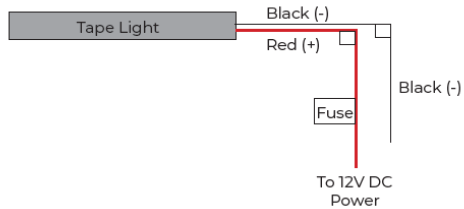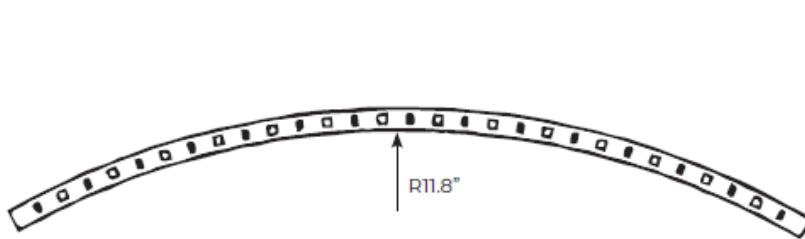
Adhesive Mount Track*   Screw Mount Track*   Installing Light**

2. Follow the wiring diagram below to wire the light to your system.

Tape Light
Black (-)
Red (+)
Black (-)
Fuse
To 12V DC Power

Constant Voltage Class 2 Power Supply 13.6V dc or 24V DC
Load (L)
Neutral (N)
Green (G)
Negative (-)
Positive (+)
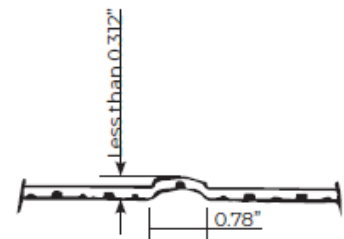Black (-)
Tape Light
Red (+)
To 110V - 277V Power

3. 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.

R11.8"

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

Less than 0.312"
0.78"

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

R0.59"

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

4"
Axis

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

Documents / Resources

	ITC Luna Flex Light [pdf] Installation Guide Luna Flex Light, Luna Light, Flex Light, Light, RNLLVVKK-LLLWL

References

- **ITC Warranty & Return Policy**

Manuals+,