Addressable Flex Light

Part#: TPB, RBLL & RNLL

INSTALLATION INSTRUCTIONS

PARTS/TOOLS NEEDED:

Flexible Light	Mounting Channel (purchased separately)	Power Drill (not provided)	Butt Splice Connectors (not provided)	#4 Flat Head Screws (not provided)	Alcohol Wipes (not provided)	Primer 94 (not provided)

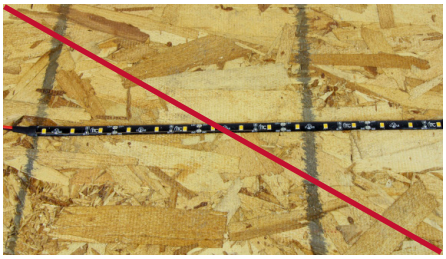
IMPORTANT SAFETY INSTRUCTIONS. READ CAREFULLY FOR YOUR PROTECTION AND SAVE ALL INSTRUCTIONS.

- Disconnect power before installing, adding or changing any component.
- To avoid a hazard to children, account for all parts and destroy all packing materials.
- The addressable flex light is NOT polarity protected. Wiring the light incorrectly could cause damage.

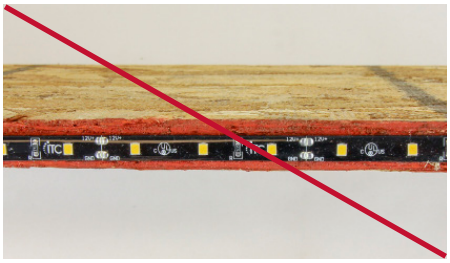
INSTALLATION CONSIDERATIONS FOR TPB/RBLL:

- It is recommended that fuse protection be added to the positive (+) input.
- Do not bend lighting more than necessary. It should only be bent to a 1" radius. Bending to a tight 90° 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. Contact ITC sales for more information on mounting channels: 616-396-1355 / sales@itc-us.com.

DO NOT TWIST



DO NOT INSTALL ON ROUGH PLY-WOOD
Recommend use of mounting channel TPB-1 or TPB-2



DO NOT INSTALL ON A ROUGH EDGE
Recommend use of mounting channel TPB-1 or TPB-2

INSTALLATION CONSIDERATIONS FOR RNLL:

- 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/

3030 Corporate Grove Dr.
Hudsonville, MI 49426
Phone: 616.396.1355
itc-us.com

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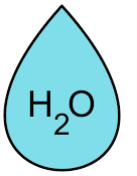
1. Clean surface with a mixture of **50% water/50% isopropyl alcohol**.

Let surface dry.

50%

+ H_2O +



50%

USE A CLEAN RAG

= MOUNTING SURFACE

2. Apply **Primer 94** as recommended by 3M.

Failure to follow the surface preparation guidelines will void the warranty.

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USE A CLEAN RAG

= MOUNTING SURFACE

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

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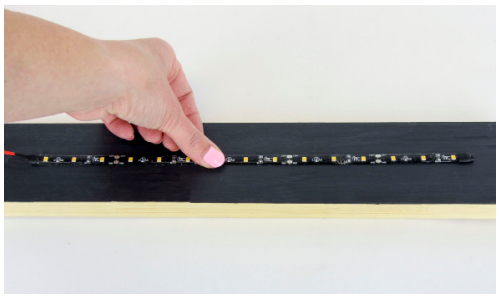
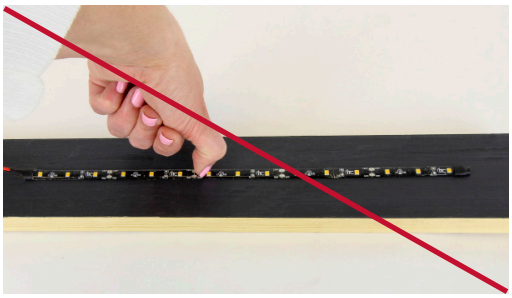
3. Remove paper backing and firmly press light in place.

DO NOT slide or drag thumb along tape light or the silicone may be pulled off.





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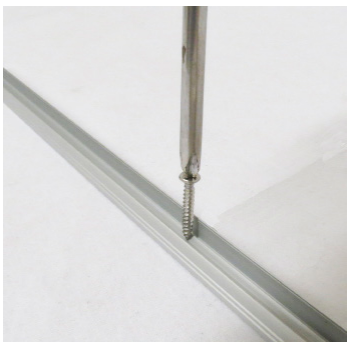
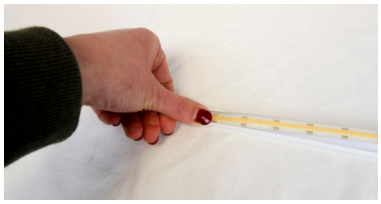
4. If using mounting channels for installation, they are available in screw or adhesive mount. Install per your desired method.

Screw Mount Channel: Screws should be used every 12".

Adhesive Mount Channel: Follow the same cleaning instructions above and remove paper backing from channel and press in place.

Both Channels: Remove the paper backing from the light and press the light into the channel.





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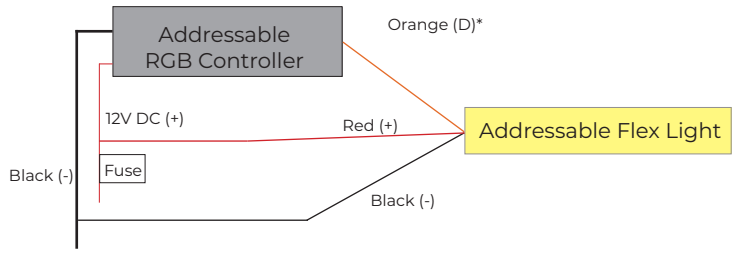
5. Wire the light based on the wiring diagram.



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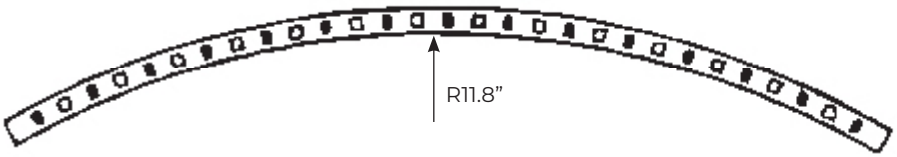
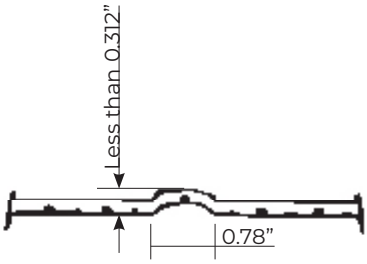
6. Please review the considerations below to ensure a successful installation.

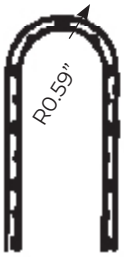
***Flexible light cannot be field cut. Field cutting the light will void the warranty.**



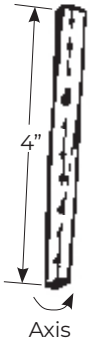
Do not horizontal bend to a radius of less than 11.8”



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

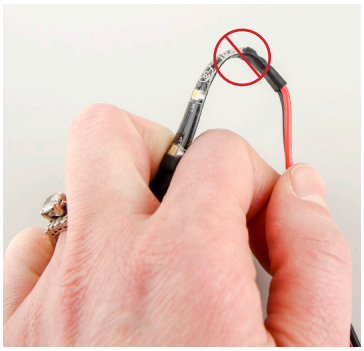


Do not bend to a radius of less than 1/2”

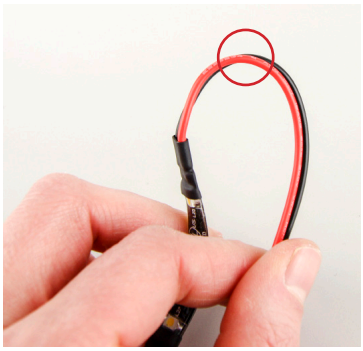


Do not twist more than 90° over the length
of one 24V segment / Two 12V segments
(4” total length)

Do not bend flexible light at 90°



Do not bend right at solder joint



Only bend the wire