

Flexible Light

Part#: TBQ, TPQ, & TSQ

INSTALLATION INSTRUCTIONS

PARTS/TOOLS NEEDED:			
			
Flexible Light	UL Recognized Power Supply (purchased separately)	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.
- Use only with UL approved power supply.
- The addressable flex light is NOT polarity protected. Wiring the light incorrectly could cause damage.

INSTALLATION CONSIDERATIONS:

- 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.

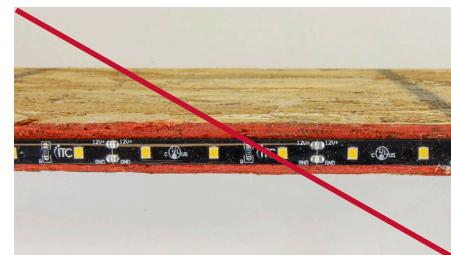


DO NOT TWIST



DO NOT INSTALL ON ROUGH PLYWOOD

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

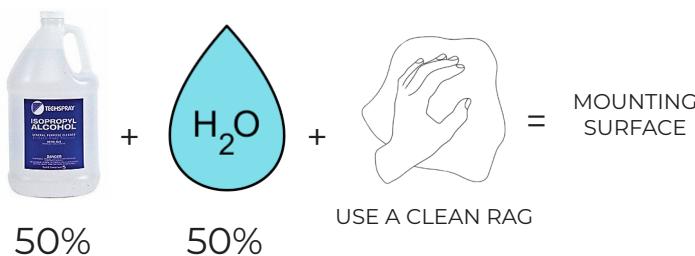


3030 Corporate Grove Dr.
Hudsonville, MI 49426
Phone: 616.396.1355
itc-us.com

For warranty information please visit www.itc-us.com/warranty-return-policy
DOC #: 710-00127 · Rev H · 06/03/24

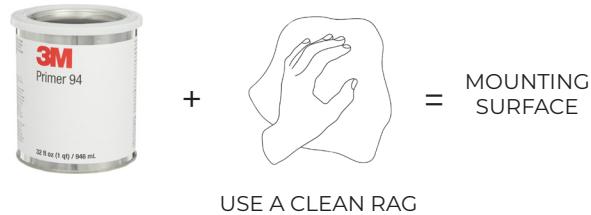
1. Clean surface with a mixture of 50% water/50% isopropyl alcohol.

Let surface dry.



2. Apply Primer 94 as recommended by 3M.

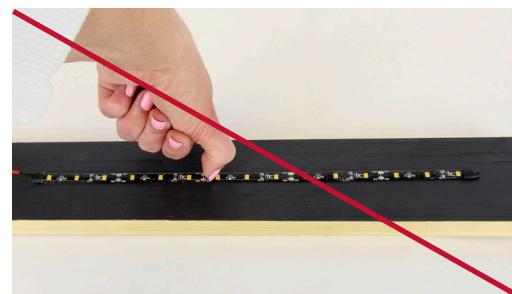
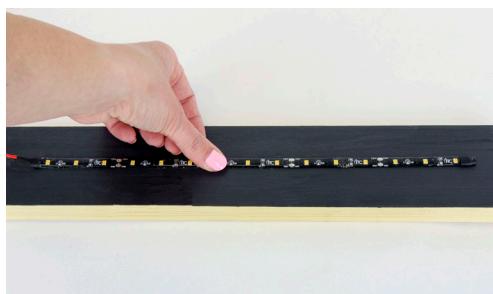
Failure to follow the surface preparation guidelines will void the warranty.



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

3. 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.



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

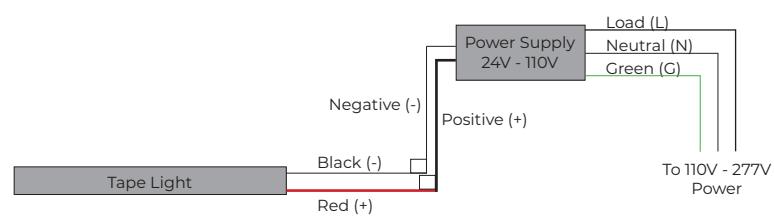
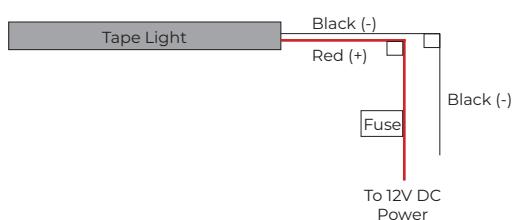
Screw Mount Channel: Screws should be used every 12".



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

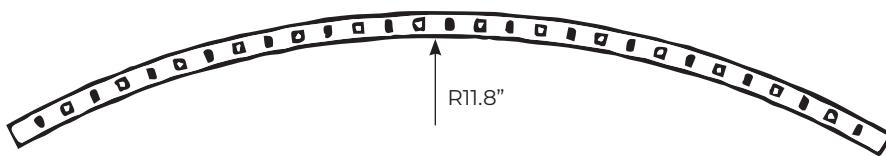
Both Channels: Remove the paper backing from the light and press the light into the channel.

5. Wire the light based on the wiring diagrams below.

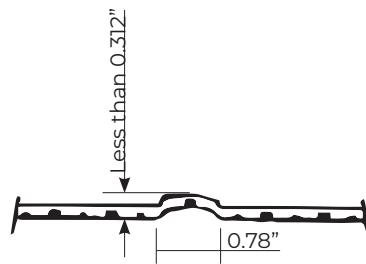


6. Please review the considerations below to ensure a successful installation.

***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"



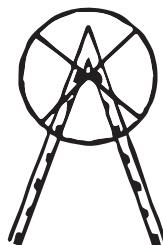
Do not axial bend to the height of more than 0.312" within 0.78" segment



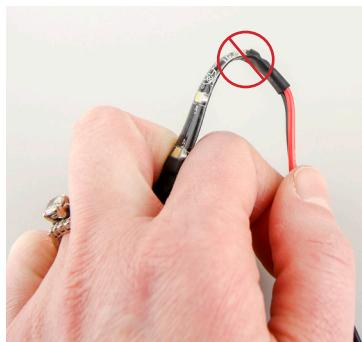
Do not bend to a radius of less than 1/2"



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

