

EDGE LIGHTING



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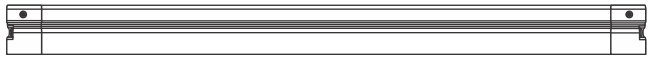
LCS.6-___-___-SA

Installation Instructions for DIY Light Channel .6 Surface Mount

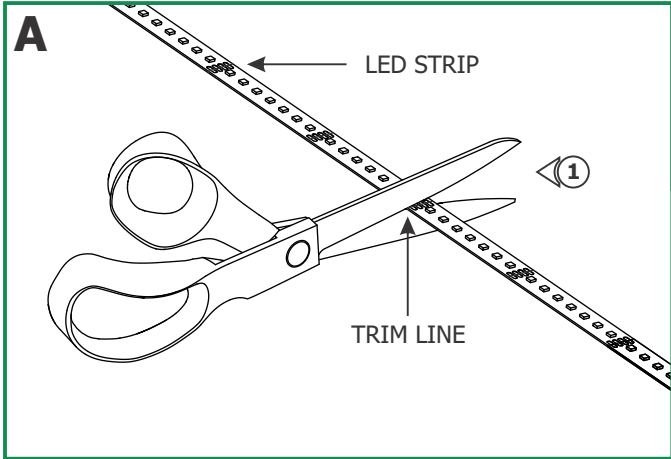
IMPORTANT INFORMATION

- This instruction shows a typical installation.

SAVE THESE INSTRUCTIONS!



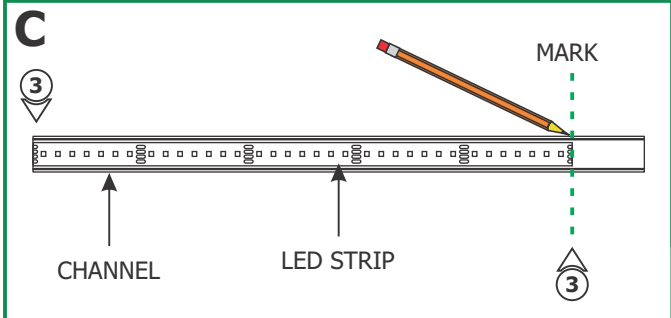
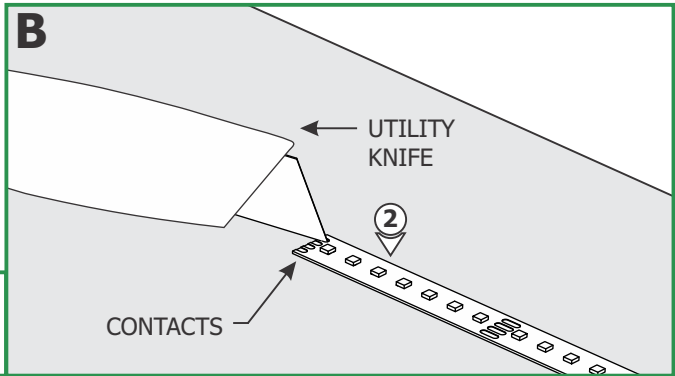
Section One: Assemble the Light Channel



1: Determine the amount of LED strip needed. Trim the LED strip at the marked line above the contacts with a sharp scissor.

NOTE: Do not trim the strip at unmarked sections which may cause that section of the strip not to light up.

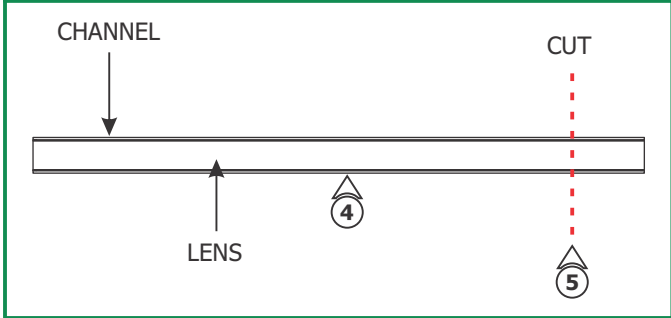
2: Place the LED strip on a flat, stable surface. Using a utility knife, carefully scrape the protective coating from the contacts on both ends.

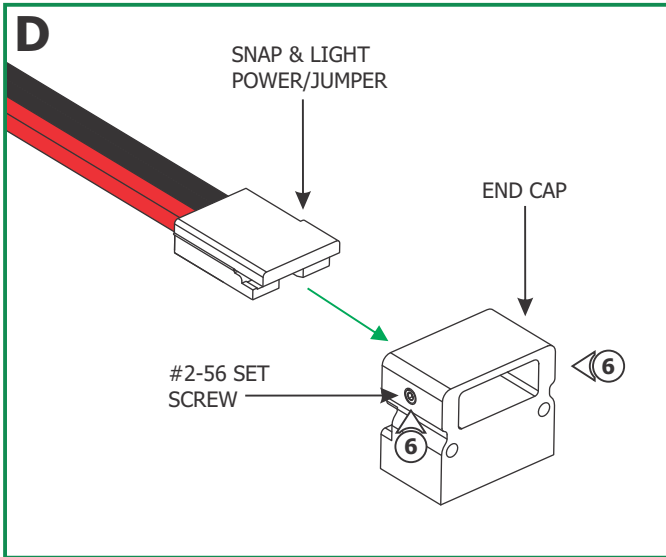


3: Lay the LED strip inside the channel flush to one end and mark the length of the LED strip on the channel.

4: Snap the lens on the channel **BEFORE** cutting to length. This ensures a proper fit after installation.

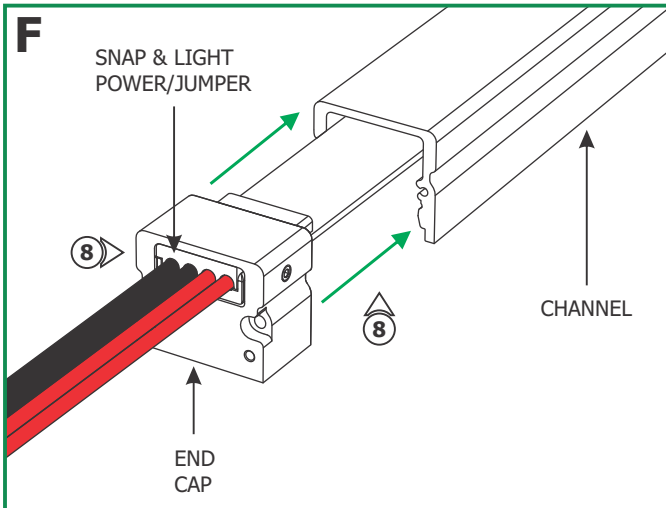
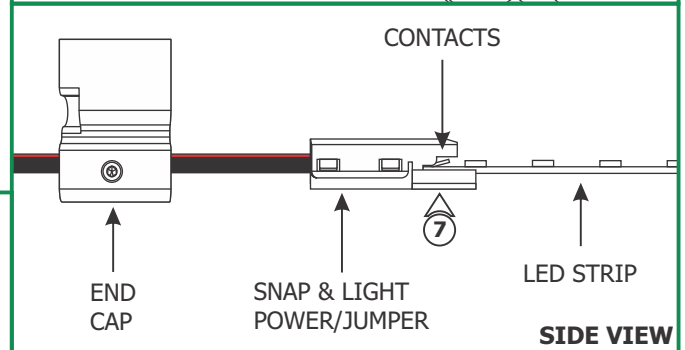
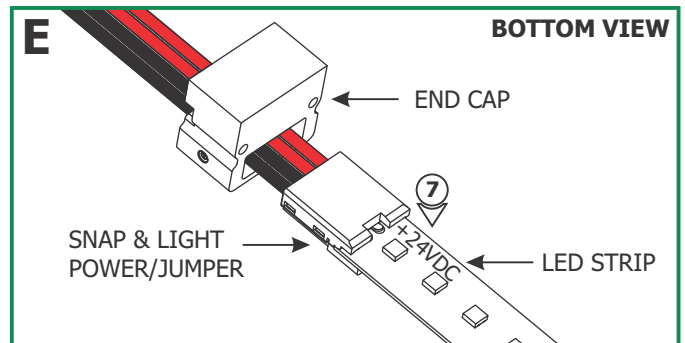
5: Cut the channel and lens to match the length of the LED strip.



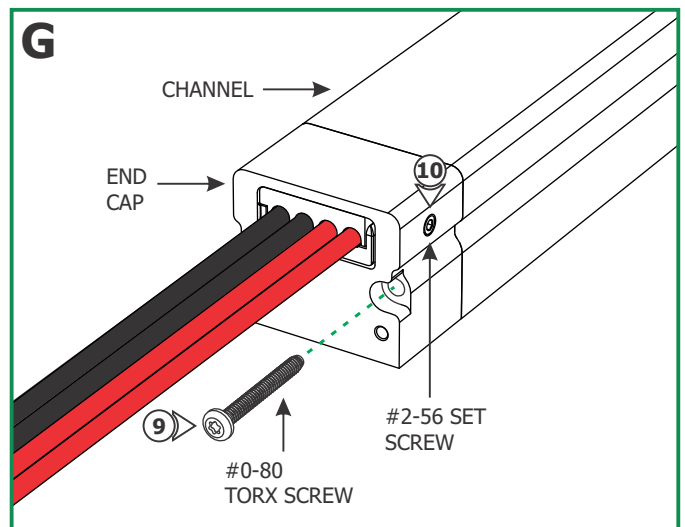


6: Loosen (**Do Not Remove**) the two #2-56 set screws on the end cap using a 0.035" Allen wrench. Insert the Snap & Light Power/Jumper connector through the end cap.

7: Insert the LED strip into one end of the Snap & Light Power/Jumper connector so that the "24VDC+" mark on the strip is aligned with the red wires. Ensure the LED strip contacts align fully with the contact pins. Push the LED strip completely into the contact pins.

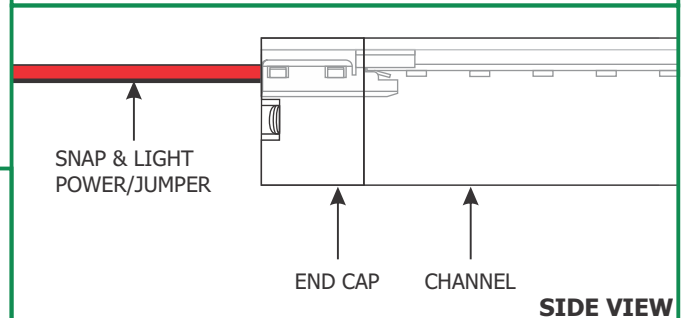


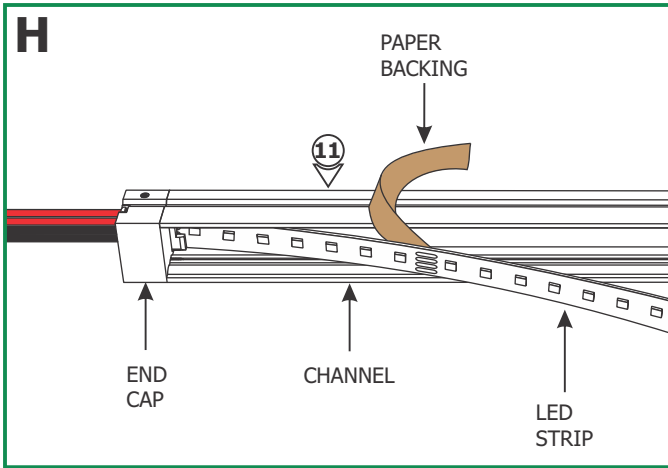
8: Insert the Snap & Light Power/Jumper connector inside the end cap and place the end cap onto the channel.



9: Secure the end cap to the channel by tightening the two #0-80 Torx screws using a T5 Torx screwdriver.

10: Secure the connector to the end cap by tightening the two #2-56 set screws using a 0.035" Allen wrench.

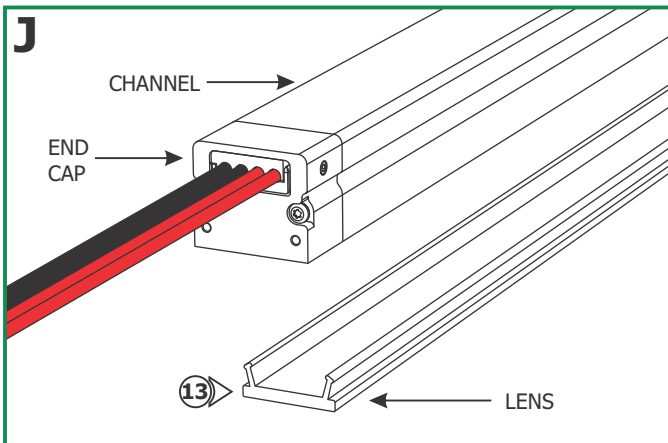
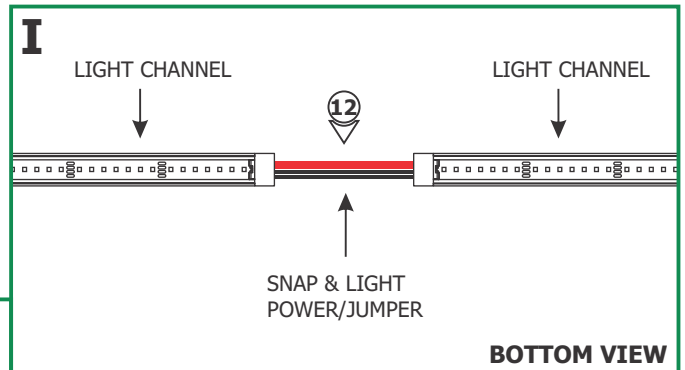




11: Carefully remove the backing from the LED strip, make sure not to remove the tape from the strip. Firmly press down the adhesive portion of the strip onto the channel surface while removing the rest of the backing, making sure there are no air bubbles that can cause surface irregularities.

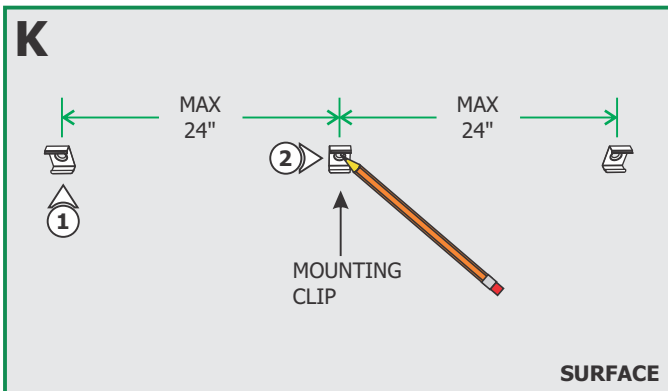
NOTE: Refer to page 6 for important information regarding installation and rework of the LED strip.

12: To power jump one light channel to the other repeat steps 6 through 11, otherwise follow step 9 to install the end cap.



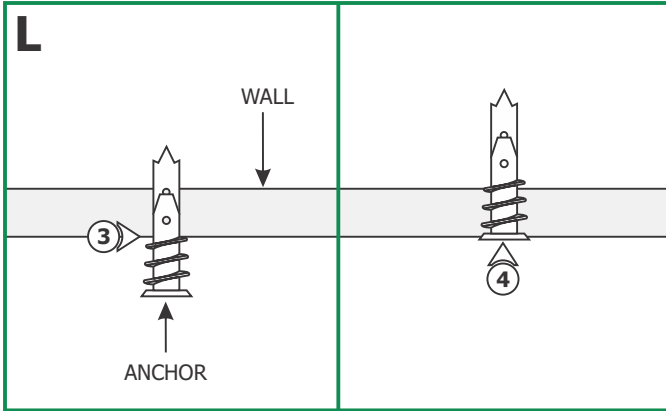
13: Snap the lens to the assembled channel.

Section Two: Install the Light Channel



1: Determine the location of the DIY Light Channel .6 Surface Mount.

2: Mark the location of the mounting clips evenly on a straight line. Mounting clips must be maximum 24" apart from each other.

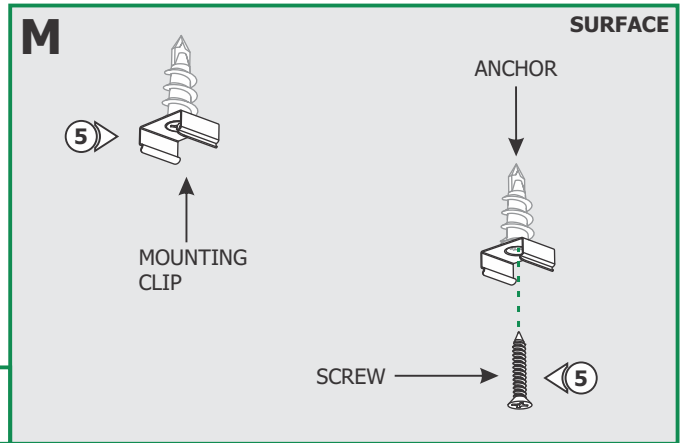


NOTE: Steps 3 through 5 are for drywall mounting. Omit these steps if mounting the clips to a wood surface directly.

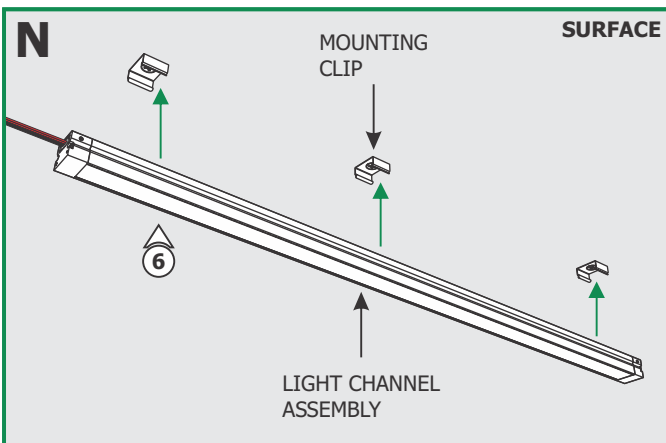
3: Tap the anchors onto the marked locations up to the threaded portion with a hammer.

4: Screw in the threaded portion of the anchors with a Phillips screwdriver.

5: Align the mounting clips to the anchors and secure each clip to each anchor by tightening the #8 screws.

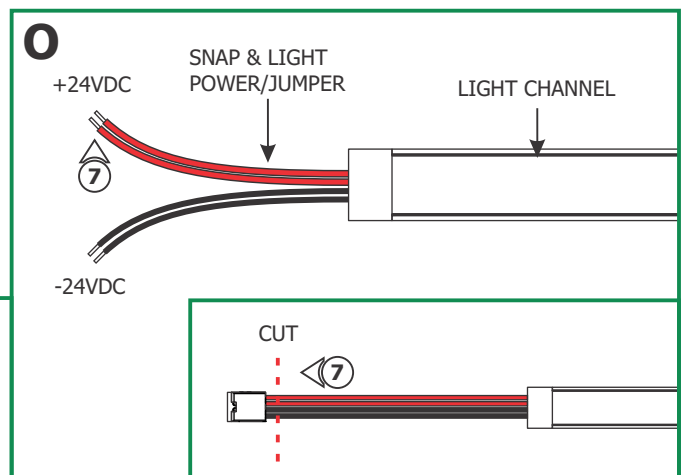


6: Snap the light channel assembly to the mounting clips.

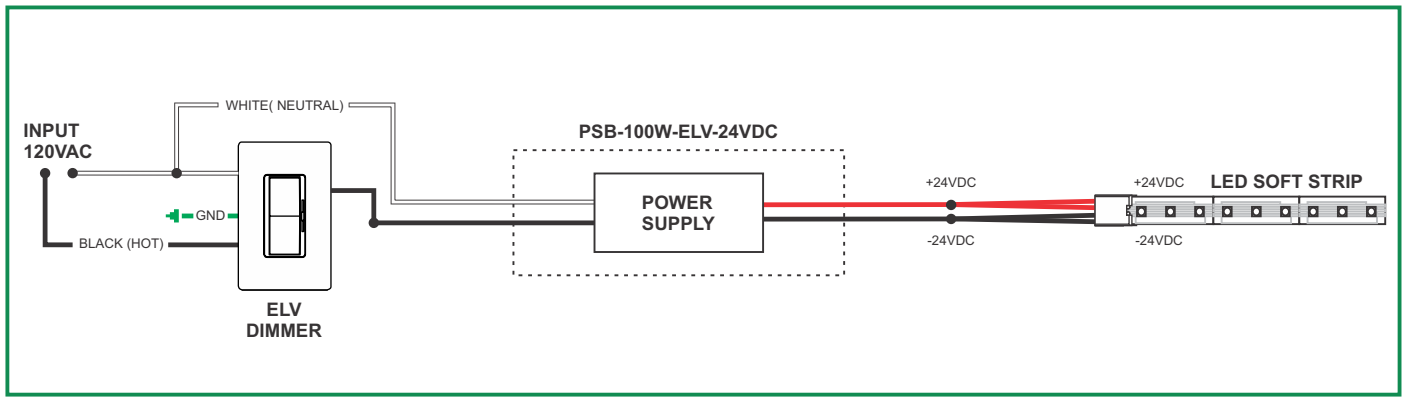


7: Cut the end of the power cord that is going to be connected to power and discard the unused connector. Strip the ends of the wires.

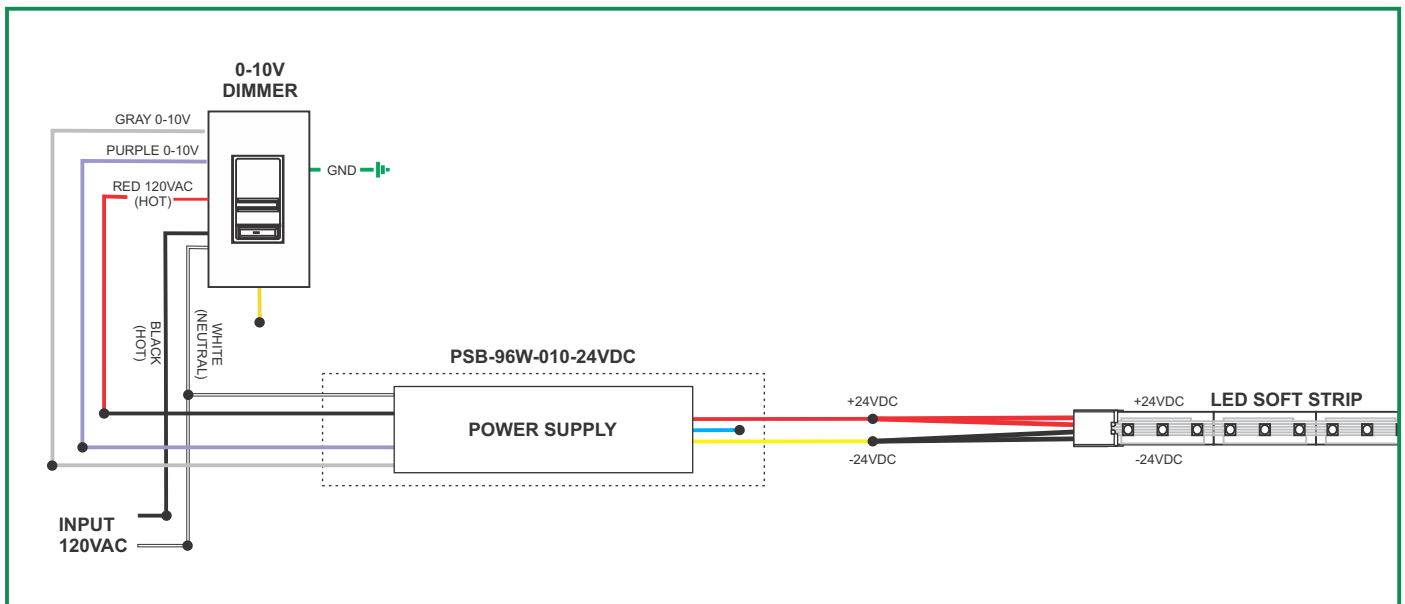
NOTE: Follow the instructions provided with the power supply to power the light channel.



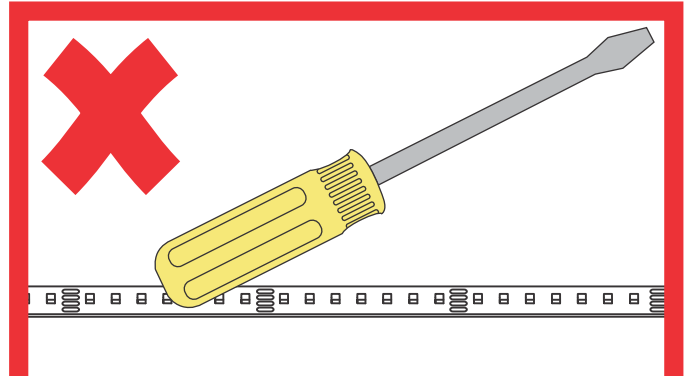
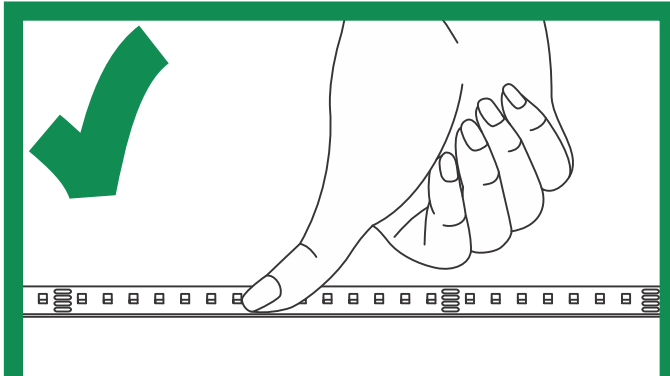
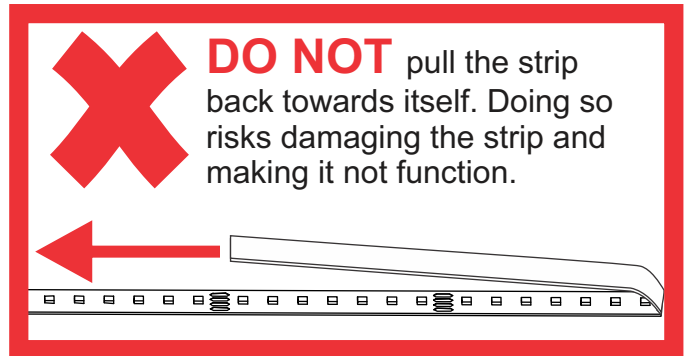
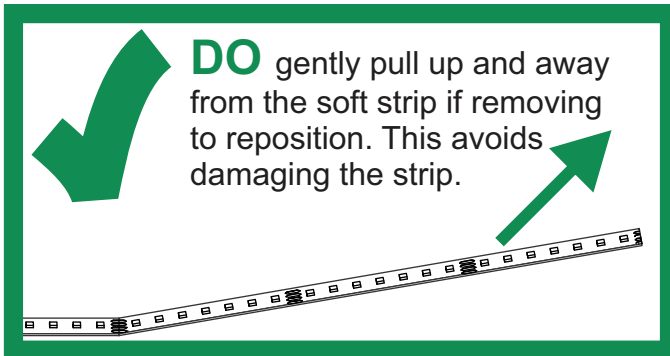
GENERAL ELV WIRING DIAGRAM



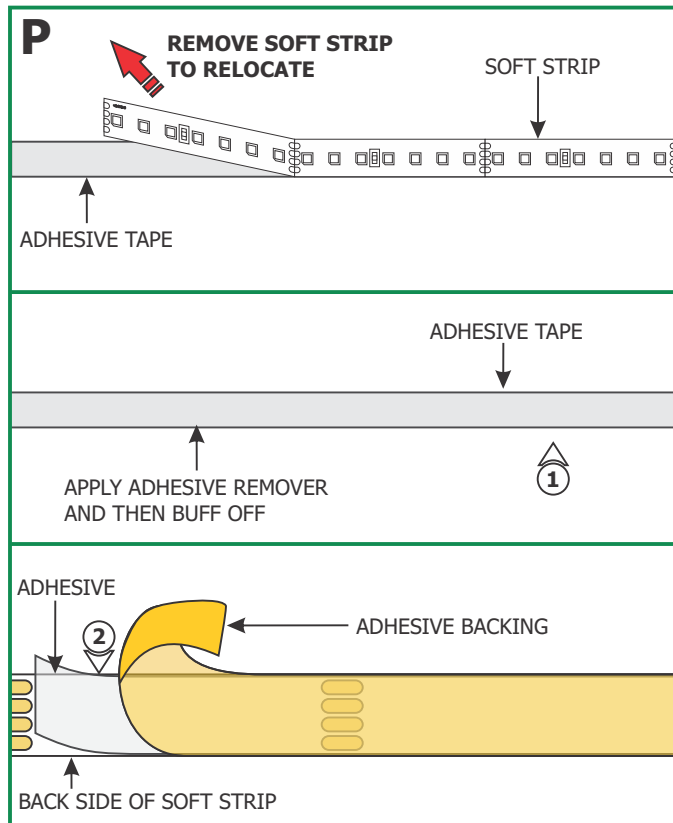
GENERAL 0-10 WIRING DIAGRAM



IMPORTANT INFORMATION REGARDING INSTALLATION AND REWORK OF SOFT STRIP LED



Relocating Soft Strip (Optional)



NOTE: If relocating the installed soft strip, make sure that the adhesive tape on back of the soft strip covers the entire strip. The adhesive tape isolates the strip from the installation surface. Damaged or inconsistent adhesive tape may cause the contacts on the back of the strip to come in contact with the conductive heat sink which will cause the strip to short and burn. Call Edge Lighting to get replacement adhesive tape and/or optional aluminum heat sink tape (SS-HR-F).

- 1:** To remove tape residue from back of the strip, apply WD-40, Goo Gone, or a mixture of warm water and lemon oil to the corner of a clean, dry towel. Gently buff the area containing the adhesive residue until it is completely removed.
- 2:** Gently remove a few inches of the from one side of the tape backing. Attach the adhesive tape to the back of the soft strip and apply moderate pressure to affix the tape. Continue this step a few inches at the time until the entire adhesive tape is attached to back of the soft strip.
- 3:** Refer to steps 7 through 11 in Section One to reinstall the soft strip.