



1718 W. Fullerton Chicago, IL 60614
 Ph: 773.770.1195 • Fax: 773.935.5613
 www.PureEdgeLighting.com • info@PureEdgeLighting.com
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Installation Instructions for **Light Channel Trim 1.6**

LCT1.6-___

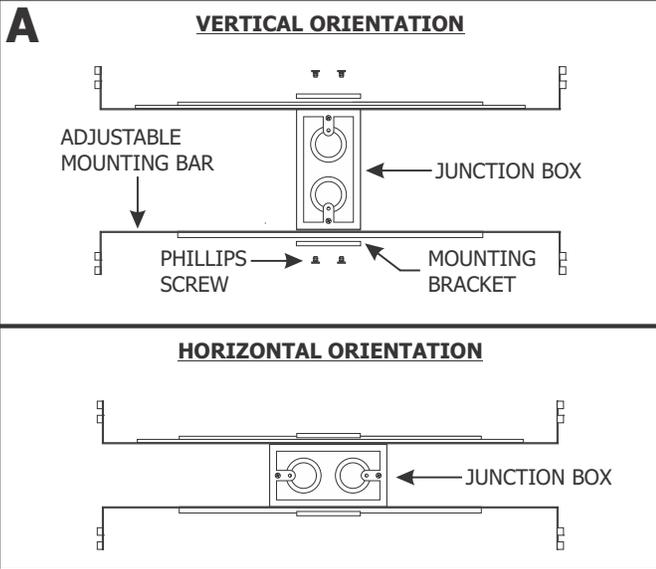
IMPORTANT INFORMATION

- This instruction shows a typical installation.
- This fixture is wall or ceiling mount.
- If modifying channel length, please see "**Section Three: Modifying Channel Length**" on page 5 before installation.

SAVE THESE INSTRUCTIONS!



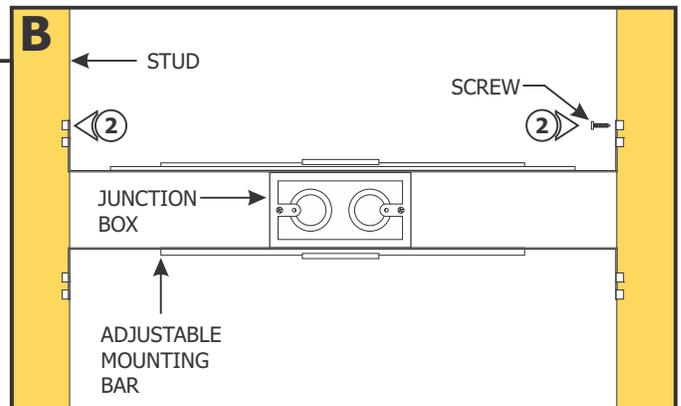
Section One: Installing the Channel

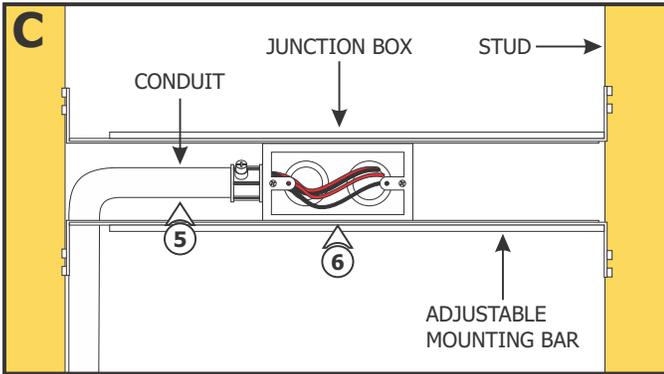


1: Mount each adjustable mounting bar to one side of the junction box (mounts to any side of the housing depending on the orientation of the channel) and secure them with the mounting brackets and two Phillips screws provided.

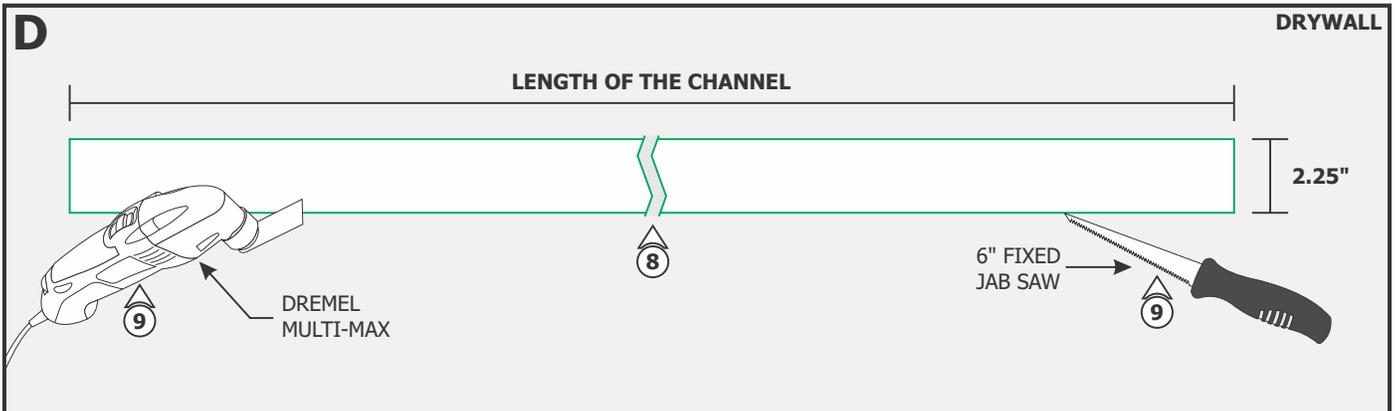
NOTE: The adjustable mounting bars mount to studs that are spaced 15" to 24" apart. If the span needs to be shorter than 15", then break the bar arms from dedicated lines.

- 2:** Select the location between the two studs for the junction box to be mounted.
- 3:** Place the adjustable mounting bars between the studs.
- 4:** Make sure the lips on the adjustable mounting bars are against the studs. Secure the adjustable bars to the studs with screws.

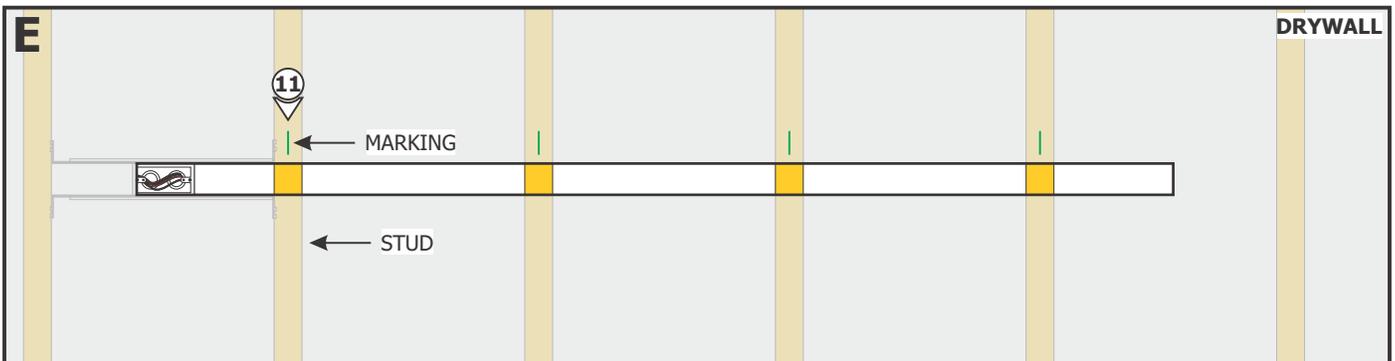




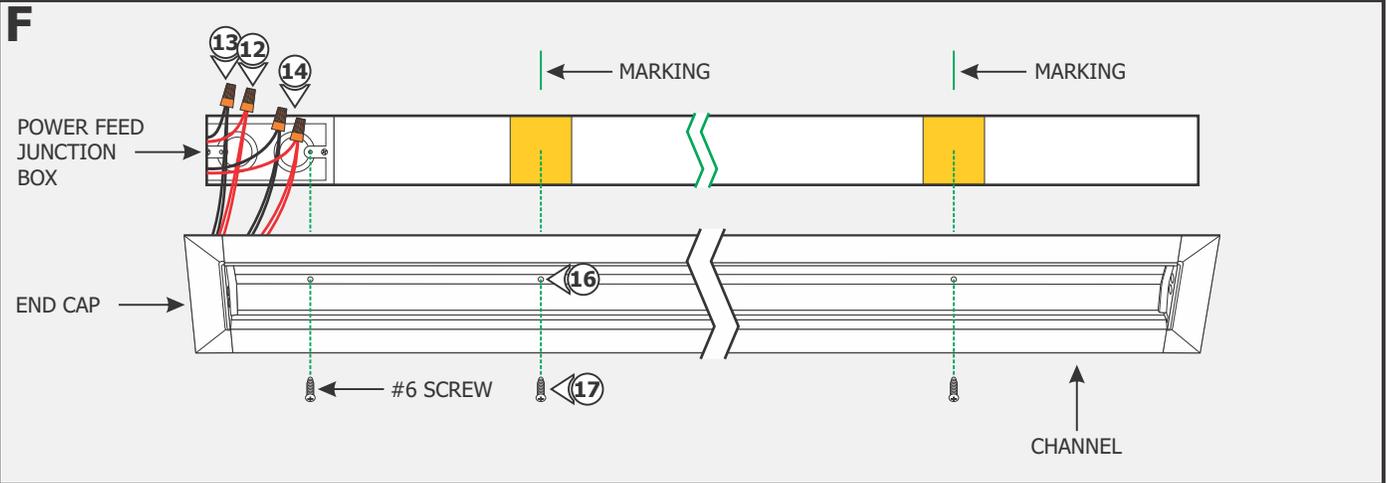
- 5:** Remove a knockout to install the power line conduit.
- 6:** Install the conduit and run the low voltage 24VDC power wires coming from the remote power supply to the junction box.
- 7:** Refer to the instruction provided with the power supply along with the wiring diagram for proper wiring.



- 8:** Mark the area where the channel will be located on the drywall.
- 9:** Cut out the marked area(s) and install the drywall, using a "Dremel Multi-Max" with the "wood & drywall" cutting bit or a 6" Fixed Jab Saw.
- 10:** Install and finish drywall.

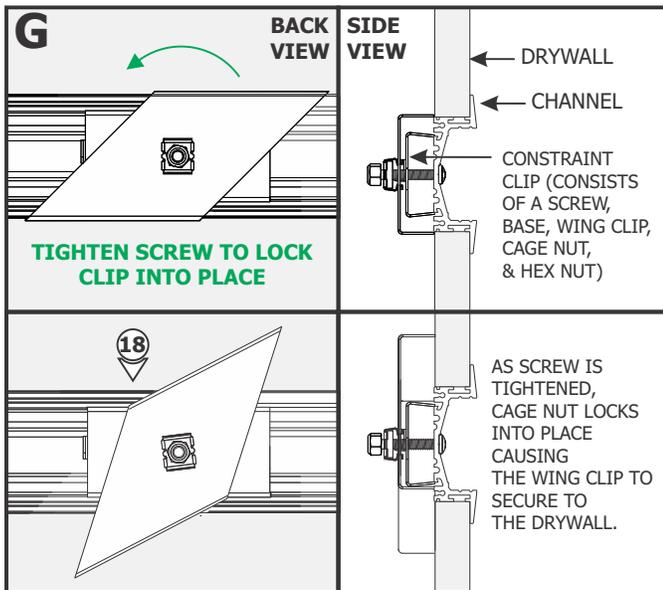


- 11:** Mark the location of the studs to the drywall for future reference.

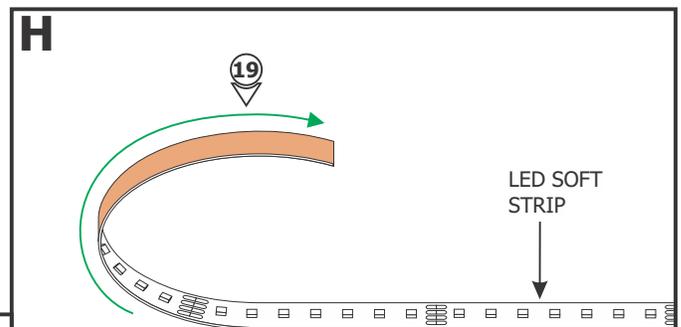


- 12:** Connect the +24VDC wire of the power supply to the red wires of one power connector using a wire nut.
- 13:** Connect the -24VDC wire of the same power supply to the black wires of the same power connector using a wire nut.
- 14:** Repeat steps 12 and 13 for the other power supply and power connector.
- 15:** Place all wires and wire nut connections inside the junction box.
- 16:** Using the marked locations on the drywall, carefully make a hole on the channel using the provided square drill and counter sink bit.
- 17:** Secure the channel to the studs and the junction box with the #6 drywall screws using the provided square recess bit.

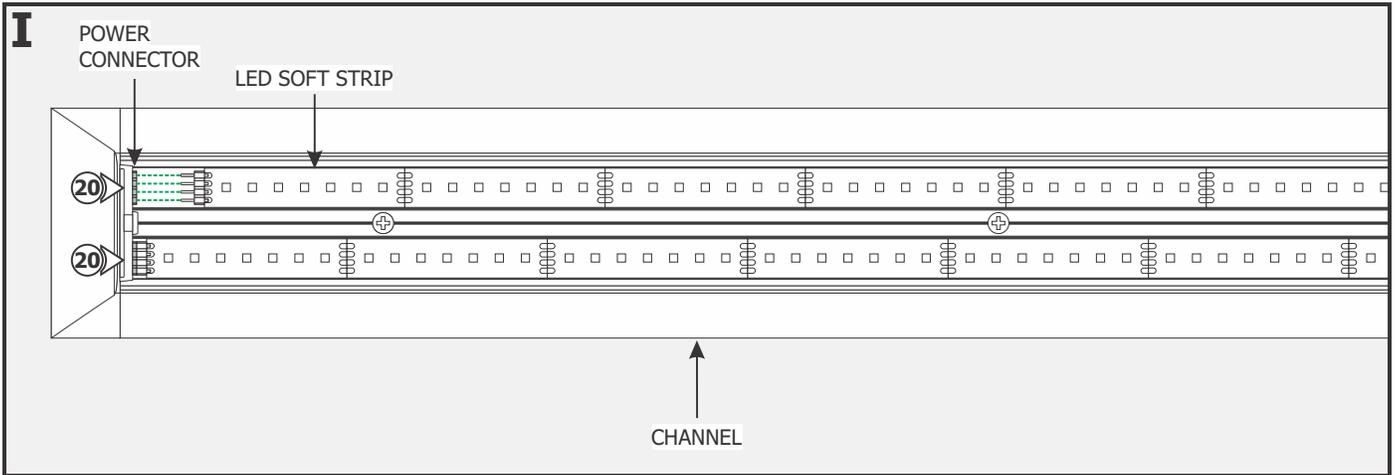
CAUTION: Unroll the entire LED strip from the reel. Use the power connectors to power the strip making sure there is no outage before continuing with the installation. Afterwards, carefully roll the LED strip loosely back into the reel.



- 18:** If the channel does not line up with a stud, use the provided constraint clip kit to install to the drywall. For alternate installation, see "**Section Two: Alternate Installation with Uneven Studs**" on Page 5.

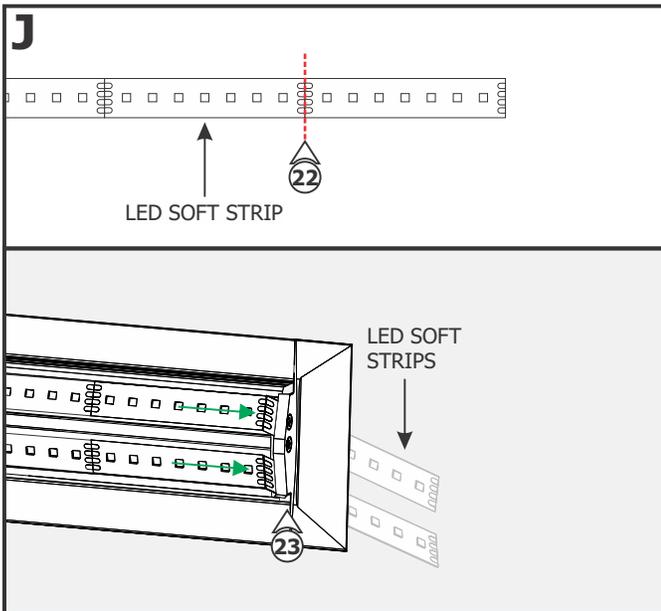


- 19:** Gently uncoil the LED Soft Strip before applying to the channel otherwise the strip may lift off of the surface.



20: Push the male connector of the LED Soft Strip into the female connector of the power connector.

21: Carefully remove the backing from the LED Soft Strip, making sure not to remove the tape from the LED Soft Strip. Firmly press down the adhesive portion of the LED Soft Strip onto the channel surface while removing the rest of the backing, making sure there are no air bubbles that can cause surface irregularities. Ensure the entire length of the channel is covered with LED Soft Strip to avoid unlit areas.

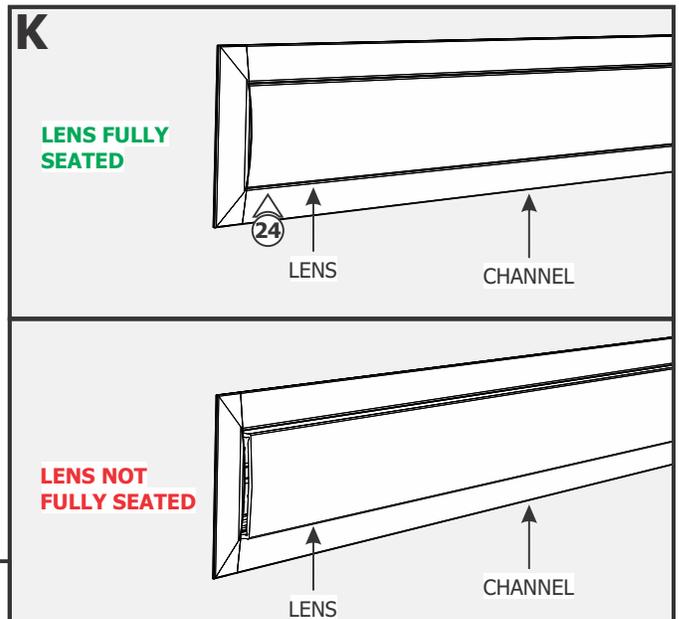


Optional:

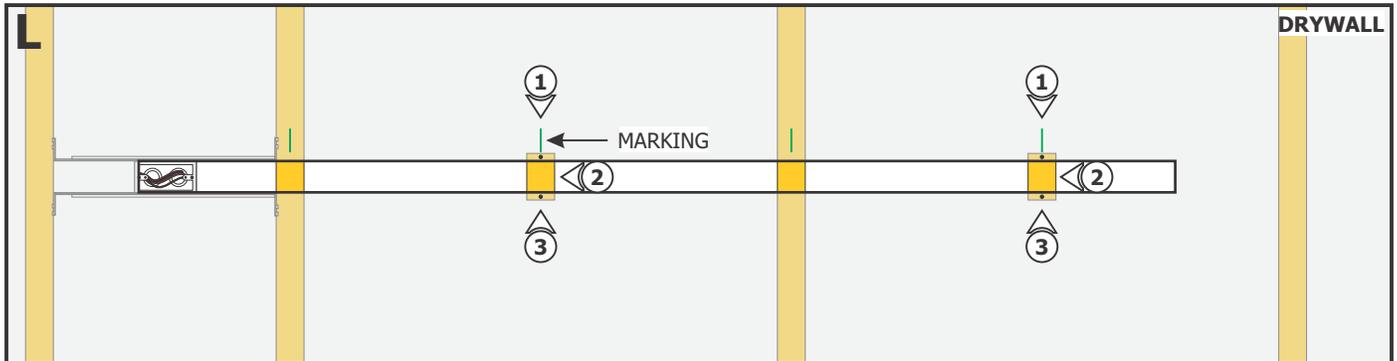
22: Trim excess LED Soft Strip at cut point.

23: If the channel length has been modified as per **Section Three: Modifying Channel Length** on Page 5, insert excess LED Soft Strip into the slot cut between the channel and end cap.

24: Snap the lens into the channel and make sure it is fully seated along the length of the channel opening.

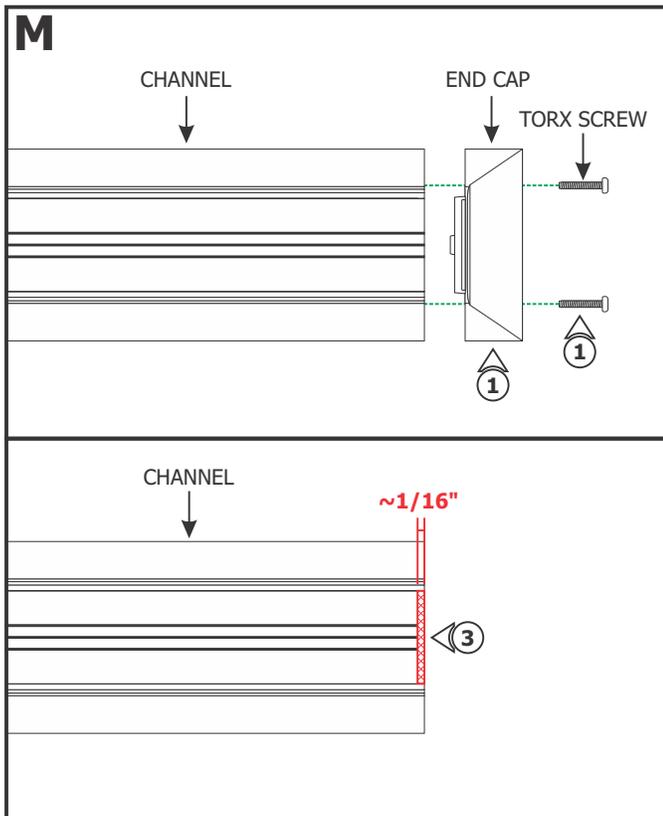


Section Two: Alternate Installation with Uneven Studs



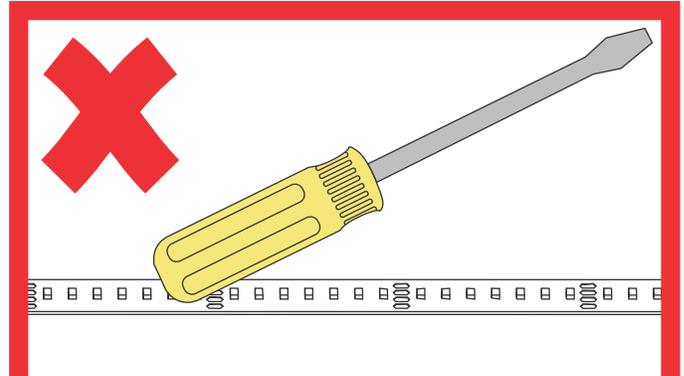
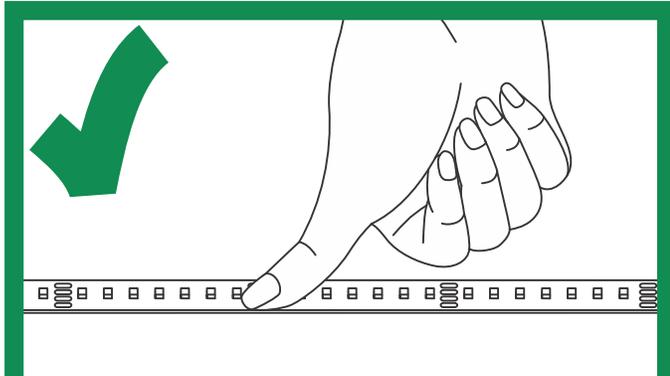
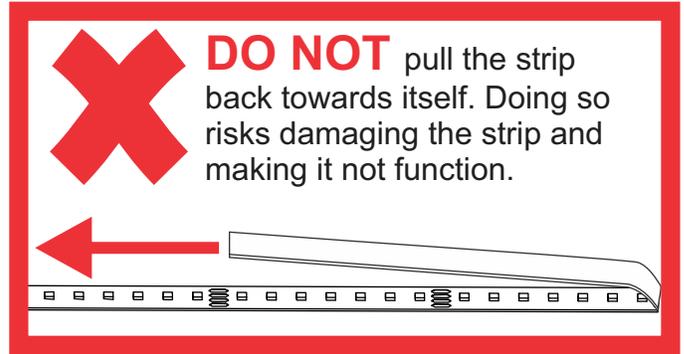
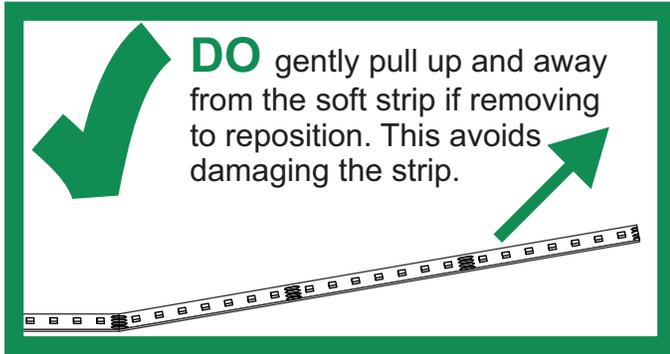
- 1:** Mark the wall where the channel mounting holes are located along the channel opening.
- 2:** Cut 1" thick by 3" long sections of 2x4 to use as support bars.
- 3:** Place the cut support bars through and behind the drywall at the marked mounting hole location.
- 4:** Secure the support bars through the drywall using two drywall screws. Continue the installation in Section One, Step 8.

Section Three: Modifying Channel Length

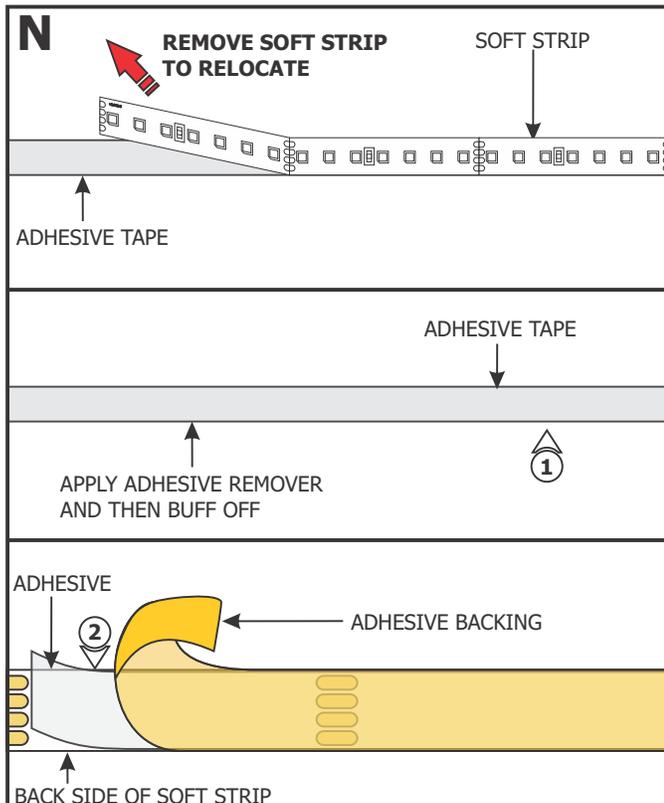


- 1:** If desired fixture length is less than the provided channel length, remove one channel end cap by loosening two torx screws with the provided Torx drive.
- 2:** Cut the channel to desired length.
- 3:** Slightly grind off ($\sim 1/16"$) of the bottom of the channel. This will allow excess LED Soft Strip to pass through after the end cap is reinstalled.
- 4:** Reinstall the channel end cap by replacing and tightening the two #4-40 screws with the provided Torx drive.

IMPORTANT INFORMATION REGARDING INSTALLATION AND REWORK OF SOFT STRIP LED



Section Four: 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 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 Section One, Steps 19 through 23 to reinstall the LED soft strip.