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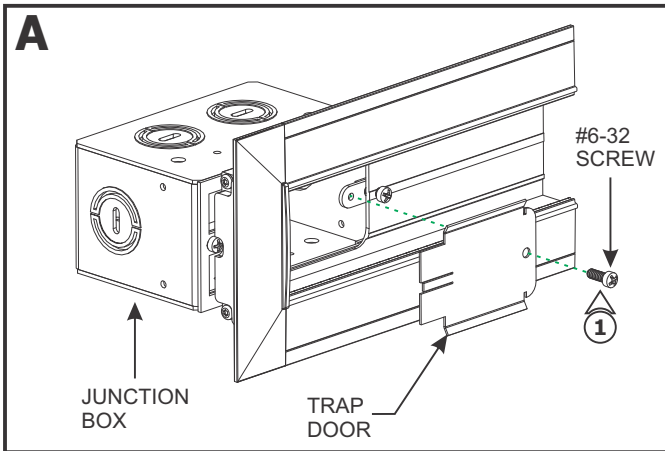
Installation Instructions for TruLine 1.6A End Feed Power Channel Connector

IMPORTANT INFORMATION

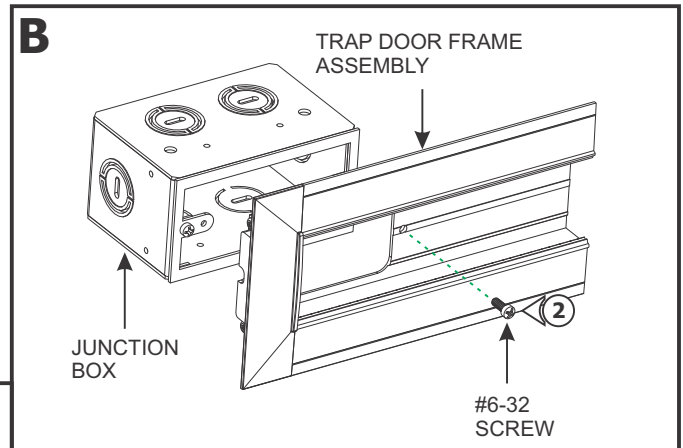
- This instruction must be used concurrently with other TruLine 1.6A BIY installation instructions.
- This product is wall or ceiling mount.
- This instruction shows a typical installation.

SAVE THESE INSTRUCTIONS!

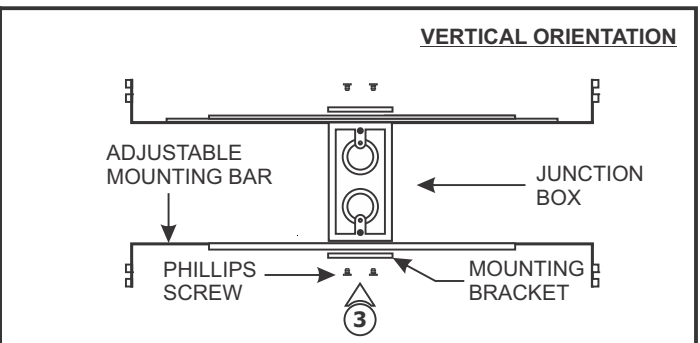
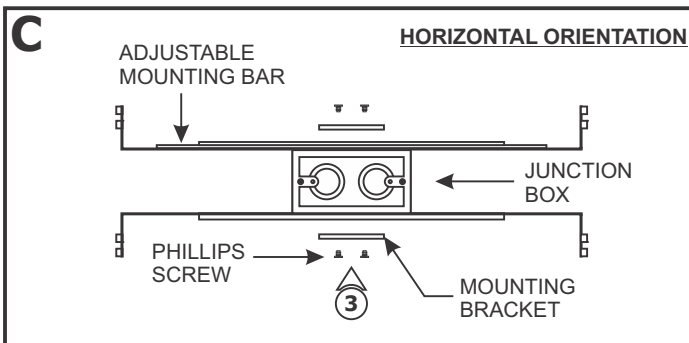
Section One: Install the Junction Box



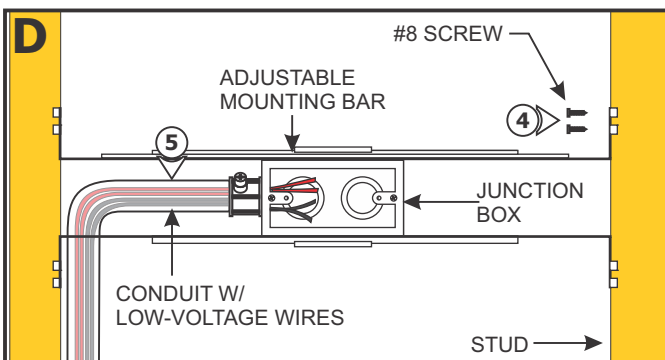
1: Remove the #6-32 screw from the junction box to remove the trap door from the assembly.



2: Remove the #6-32 screw to remove the trap door frame assembly from the junction box.



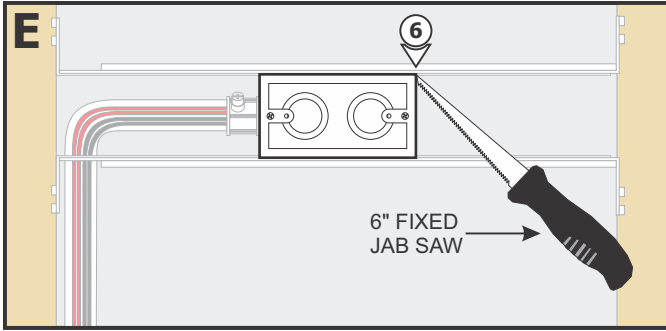
3: Mount each adjustable mounting bar to one side of the junction box and secure them with the mounting brackets and two Phillips screws provided.



NOTE: The adjustable mounting bars mount to studs that are spaced 13" to 24" apart.

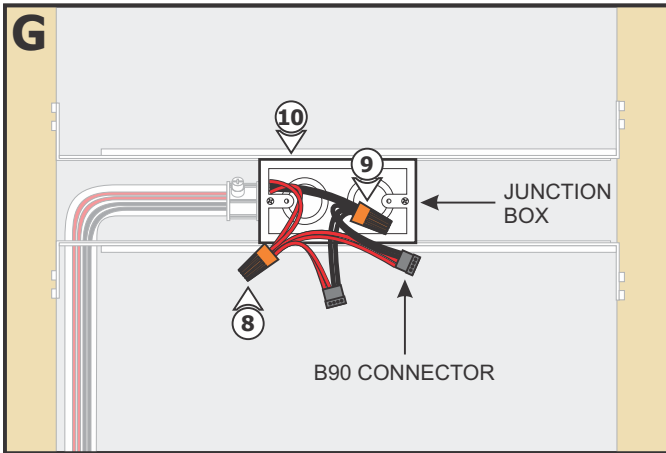
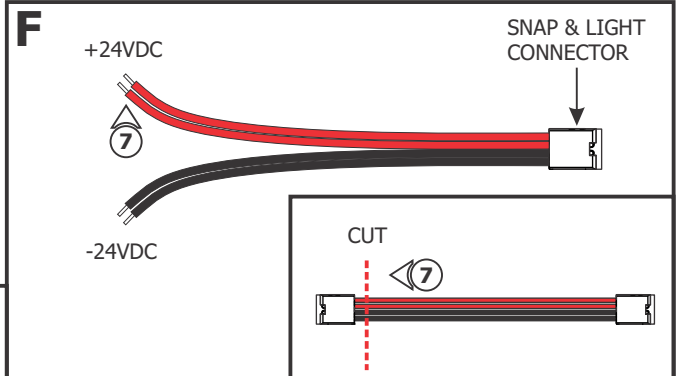
4: Place the lips on the adjustable mounting bars against the studs. Secure the adjustable bars to the studs with the #8 screws.

5: Install conduit(s) (if required by local electrical code) and run low voltage wires to the junction box.



6: Cut a section of drywall using a 6" fixed jab saw or other appropriate tool to expose the mounting plate area.

7: If using the Snap & Light connector (LC-SLC) with standard Soft Strip, cut one end of each power cord and discard the unused connector. Strip the ends of the wires.



NOTE: Remote power supply wires must be present in junction box. Refer to instructions provided with power supply.

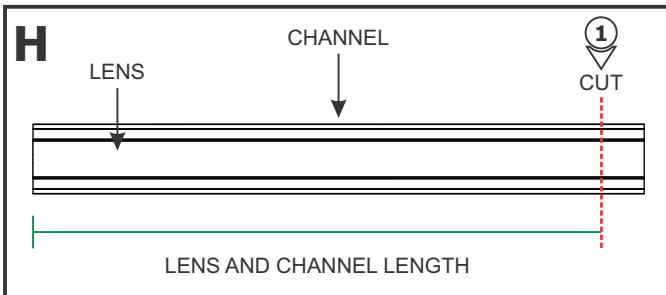
8: Connect the red wires of the power supply to the red wires of either the B90 connector or Snap & Light connector with a wire nut.

9: Connect the black low voltage wire of the power supply to the black wires of the same connector with a wire nut.

10: Place all wire nut connections inside the junction box.

CAUTION: Unroll the entire LED strip from the reel and use the power connector 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.

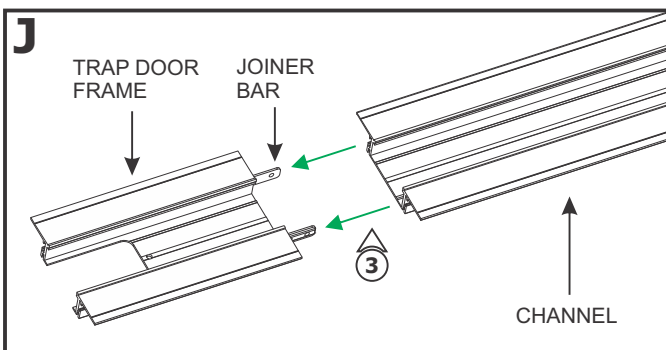
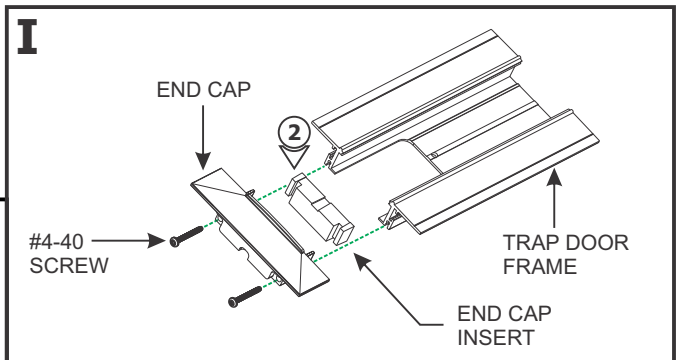
Section Two: Prepare and Install the End Feed Power Connector



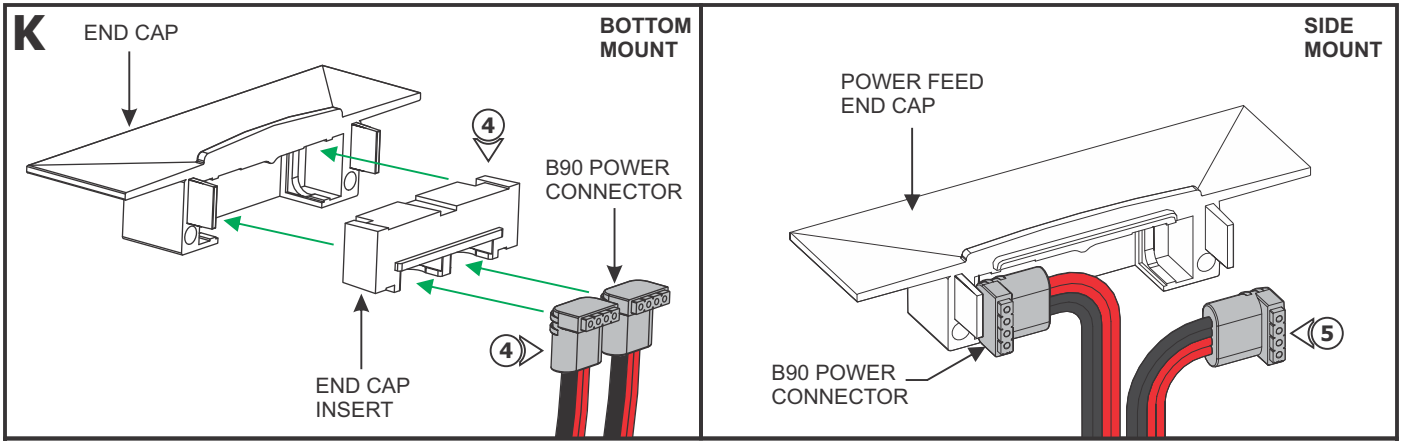
1: Refer to Section One in the TruLine 1.6A Channel and Lens instructions to measure and cut the channel and lens before continuing.

NOTE: If using the Snap & Light connector (LC-SLC) with standard Soft Strip, discard the end cap insert.

2: Remove the #4-40 Torx screws using a T10 screw driver to remove the end cap and end cap insert from the trap door frame.



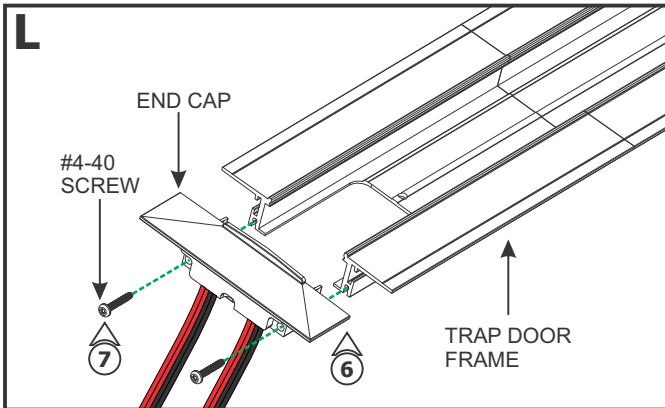
3: Slide a channel onto the joiner bars and tighten the two M3 set screws using a 1.5mm Allen wrench.



NOTE: Omit steps 4 and 5 if using the Snap & Light connector (LC-SLC) with standard Soft Strip).

4: For installations where the LED strip will be laid on the **bottom** of the channel, place the power connector into the end cap insert (CABI). Slide the end cap insert and power connector into the end cap.

5: For installations where the LED strip will be laid on the **side** of the channel, rotate the connectors and place them into the end cap.

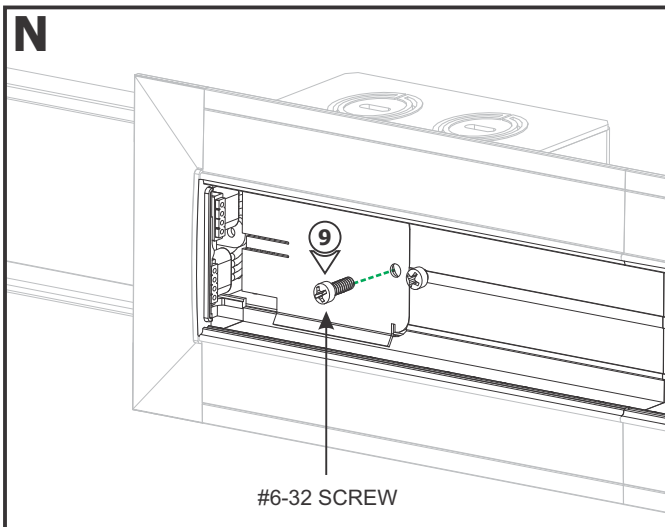
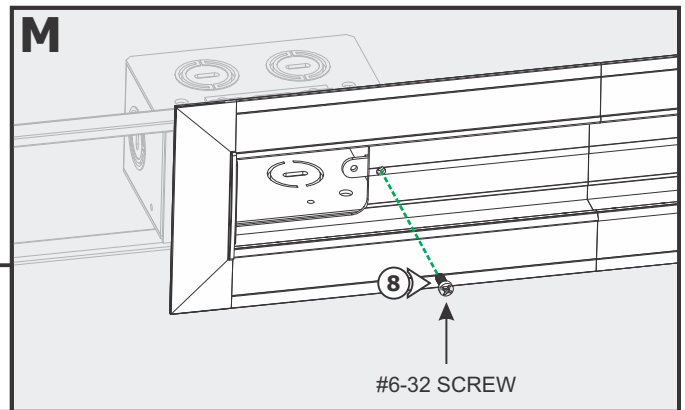


6: Insert the #4-40 Torx screws through the end cap holes and into the trap door frame.

7: Tighten the two #4-40 Torx screws using a T10 Torx screw driver to secure the end cap in place.

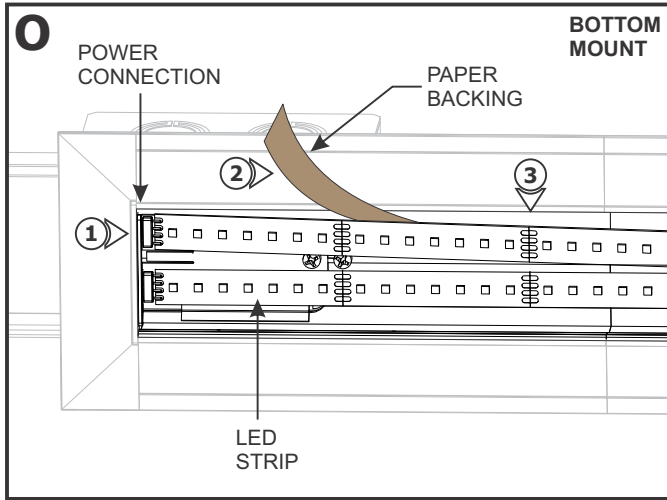
8: Attach the assembled trap door frame to the junction box using the #6-32 screw.

NOTE: Refer to Section Three in the TruLine 1.6A Channel and Lens instructions to plaster before continuing.



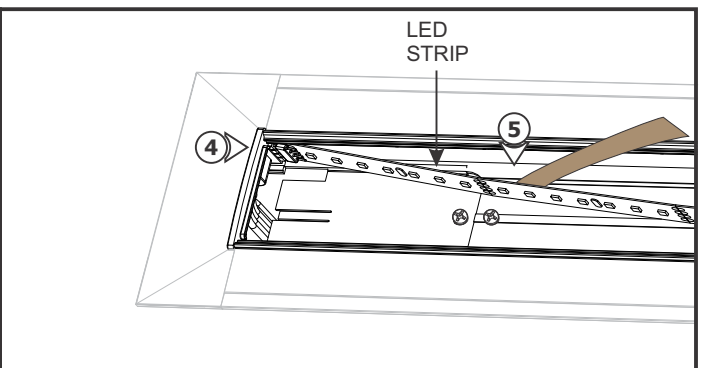
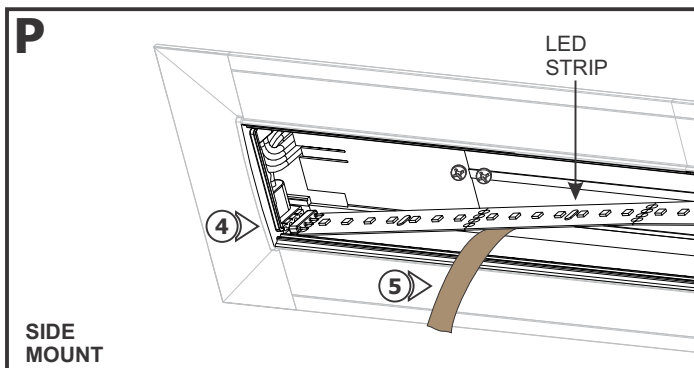
9: Replace the trap door and secure using the #6-32 screw.

Section Three: Install the LED Soft Strip



NOTE: Omit Section Three if using the Snap & Light connector with standard Soft Strip. Refer to Section Four.

- 1: Line up the red wire side of the power connectors with the "+24VDC" marking on each LED strip. Push the male connector of each LED strip into the female connector of the power connectors.
- 2: Carefully remove the backing from each LED strip, making sure not to remove the tape from the LED strips.
- 3: Firmly press down the adhesive portion of the LED strip onto the channel surface while removing the rest of the backing, making sure there are no air bubbles that can cause surface irregularities.

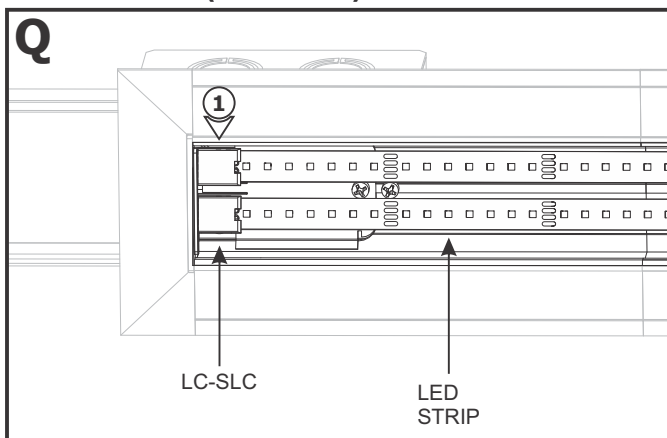


Alternate Power Feed Installation

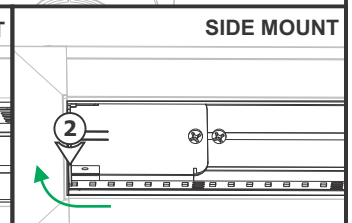
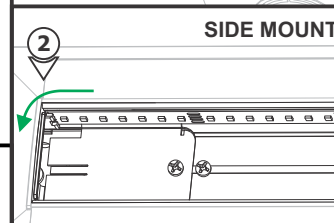
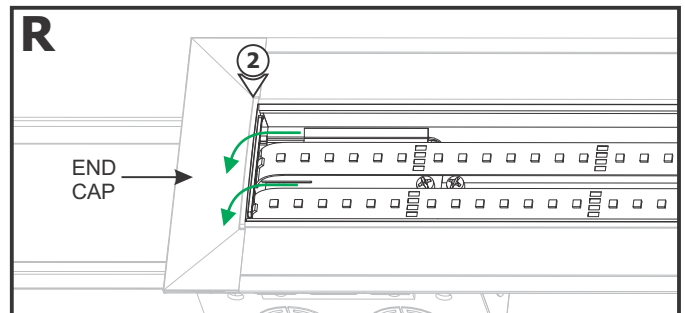
4: Install LED strips to the sides of the connector.

5: Repeat steps 1 through 3 to properly install the LED strips on both sides of the End Feed Power Connector.

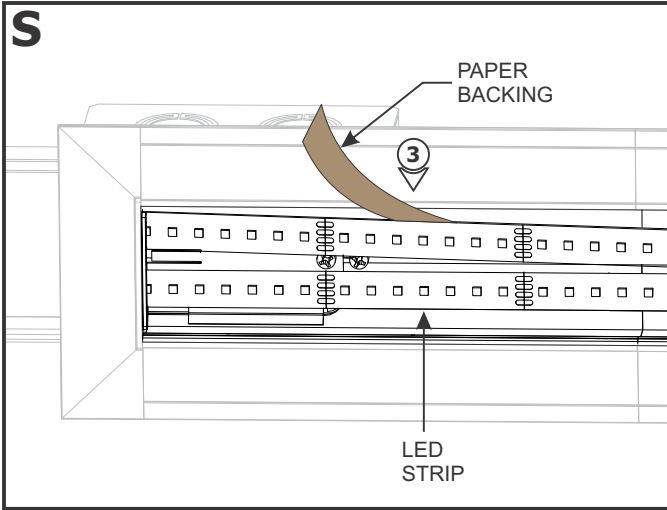
Section Four: Install the Standard LED Soft Strip with Solderless Snap & Light Connector (LC-SLC)



- 1: Insert the LED strip into the Snap & Light 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.



- 2: Place the connectors inside the end cap on the bottom for bottom mount installations or on the sides for side mount installations to avoid dark spots.



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