INS# 902-TL.5A 06



Installation Instructions For <u>TruLine .5A 24VDC</u>

1718 W. Fullerton Ave Chicago, IL 60614 Tel: 773-770-1196 Fax: 773-935-5613 www.purelighting.com info@purelighting.com



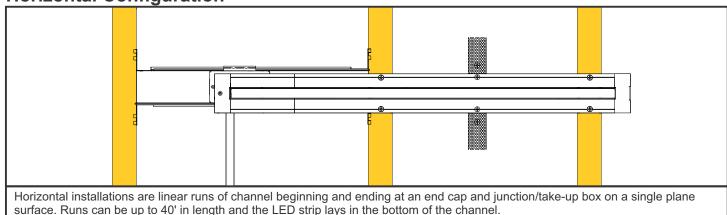
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IMPORTANT INFORMATION

- This fixture is wall or ceiling mount.This instruction shows a typical installation.
- Consult the configuration notes on Page 1 before beginning any installation.
- This product is ETL listed for indoor use.

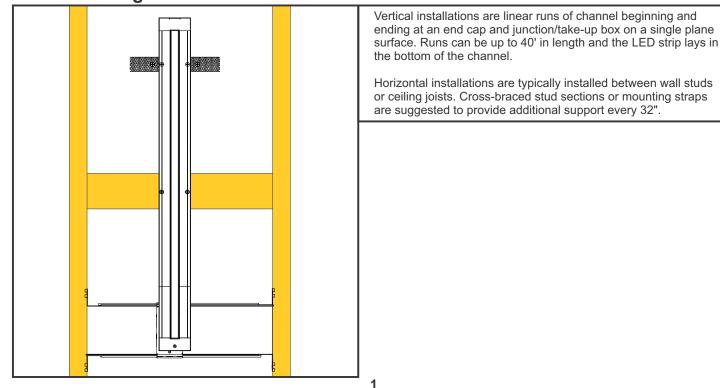
SAVE THESE INSTRUCTIONS!

Section One: Basic Configuration Options Horizontal Configuration

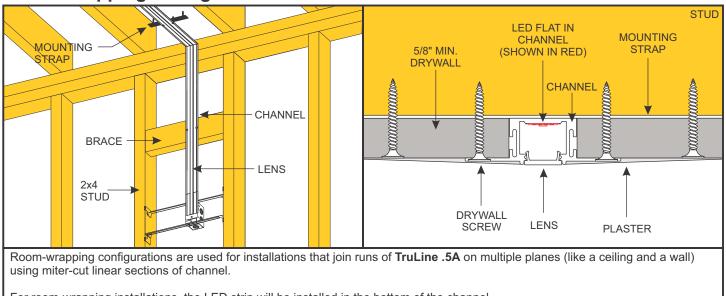


Horizontal installations are typically installed perpendicular to wall studs or ceiling joists. Where no stud/joist is present (or in a remodel installation) a mounting strap may be used to secure the channel to the drywall.

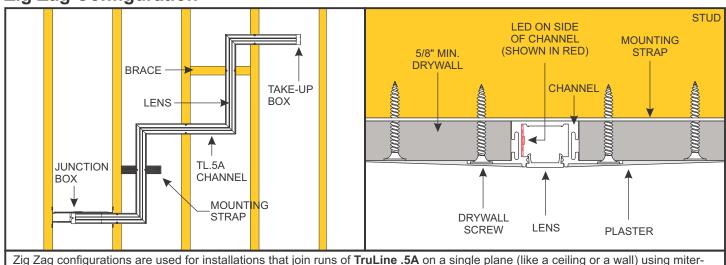
Vertical Configuration



Room-Wrapping Configuration



For room-wrapping installations, the LED strip will be installed in the bottom of the channel.

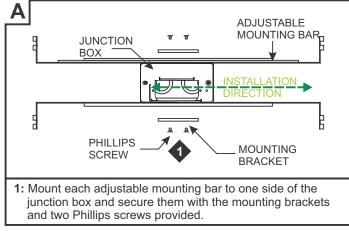


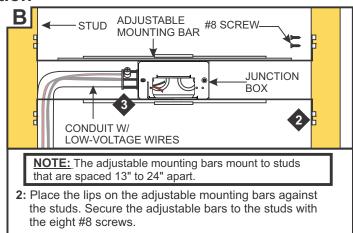
Zig Zag Configuration

Lig Lag configurations are used for installations that join runs of **IruLine .5A** on a single plane (like a ceiling or a wall) using mite cut sections of channel.

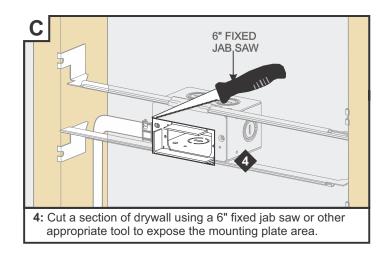
For Zig Zag installations, the LED strip will be installed in the side of the channel to allow the strip to follow the channel corners.

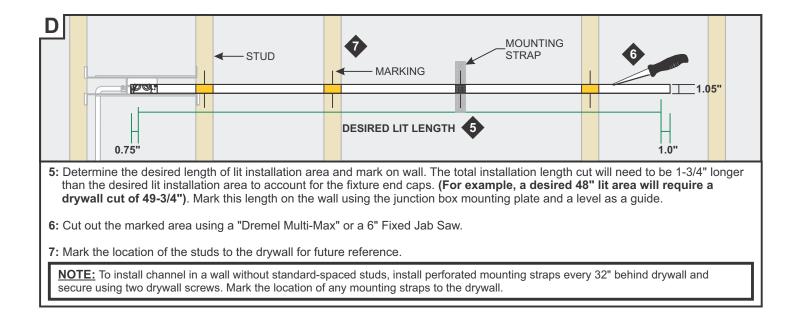
Section Two: Standard Horizontal Installation

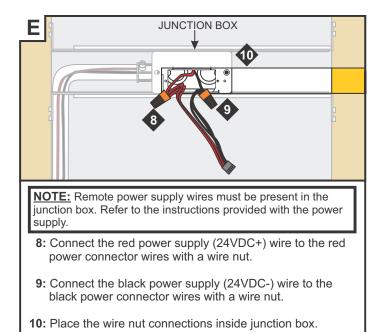


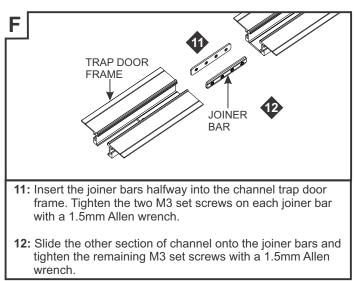


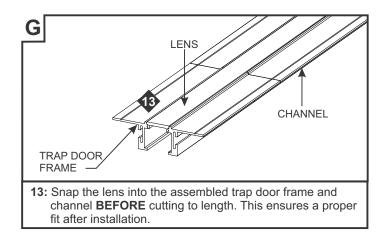
3: Install conduit (if required by local electrial code) and run low-voltage power wires to the junction box.

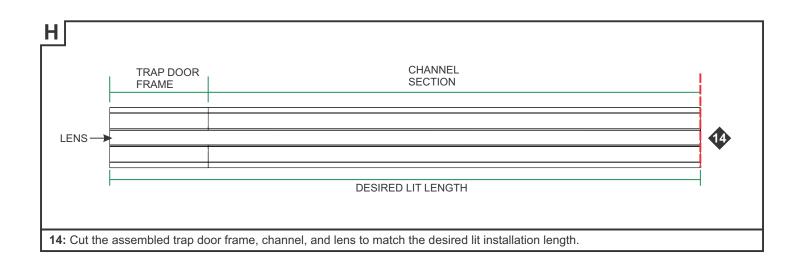


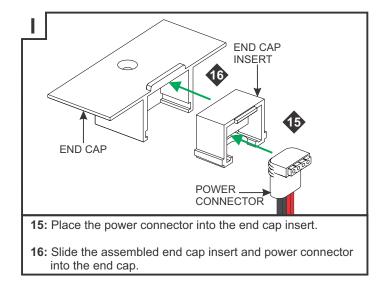


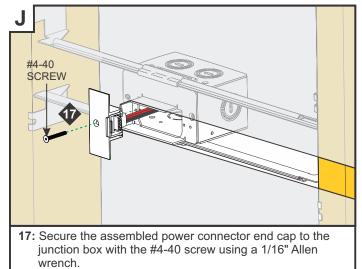


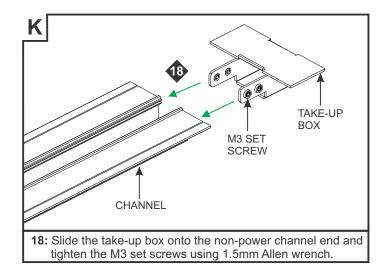


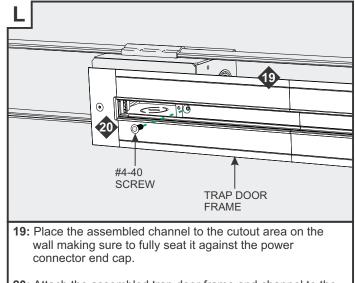


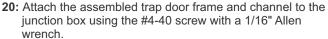


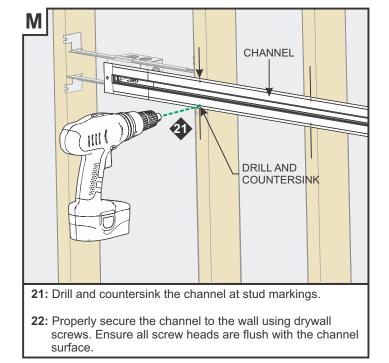


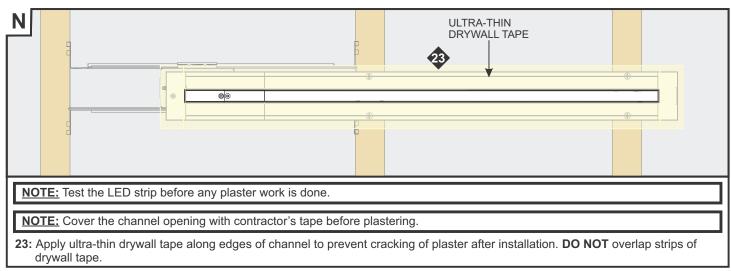


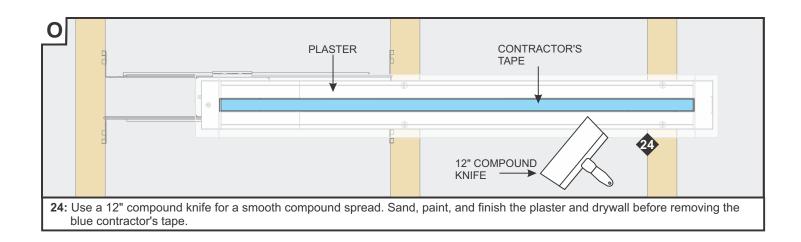


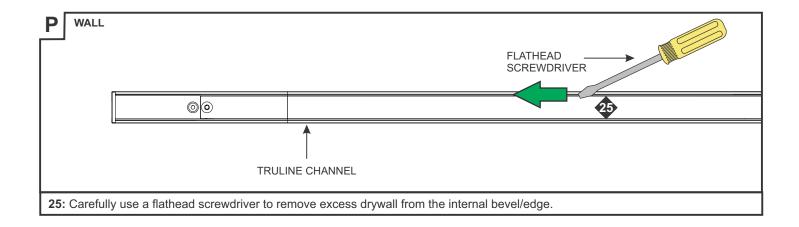


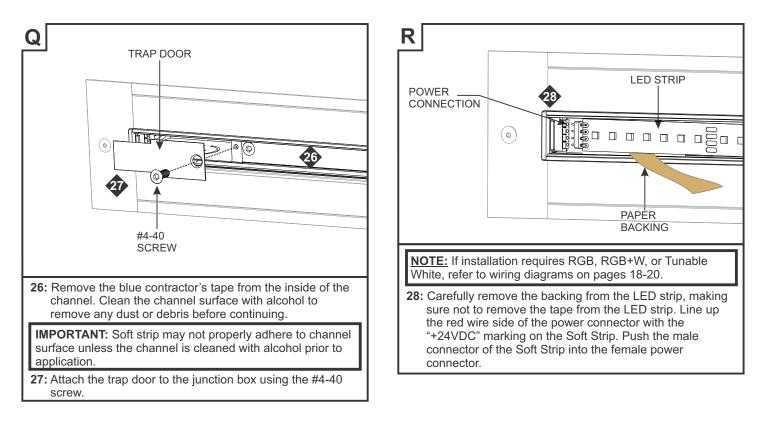


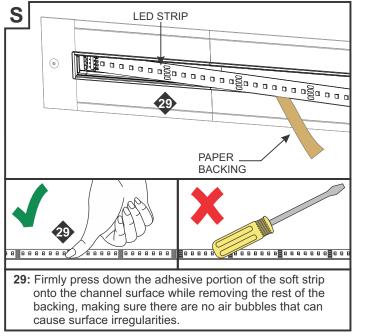


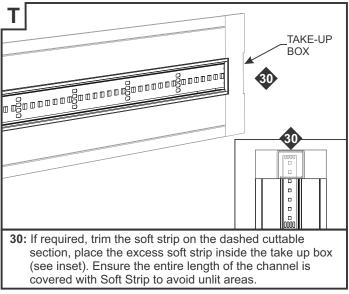


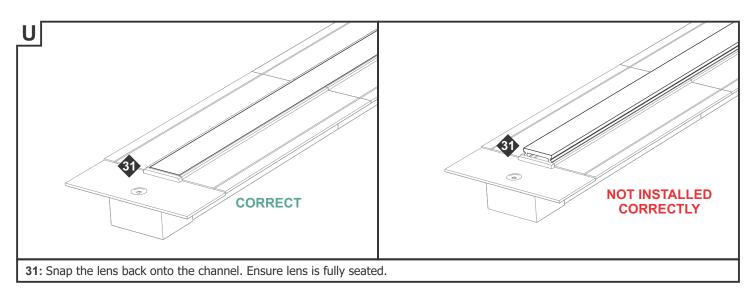




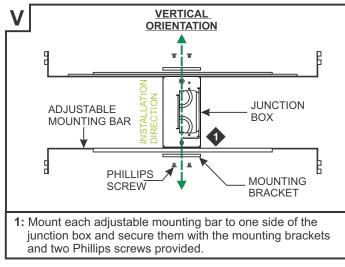


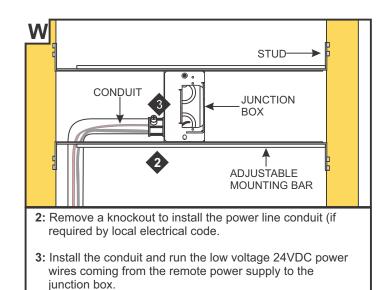


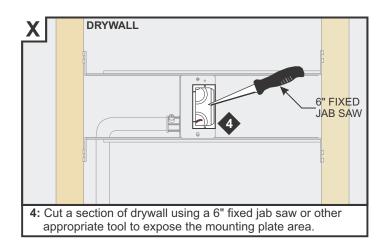


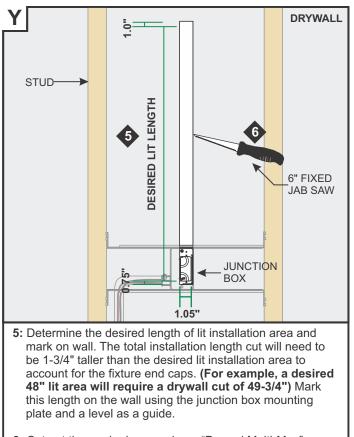


Section Three: Vertical Installation

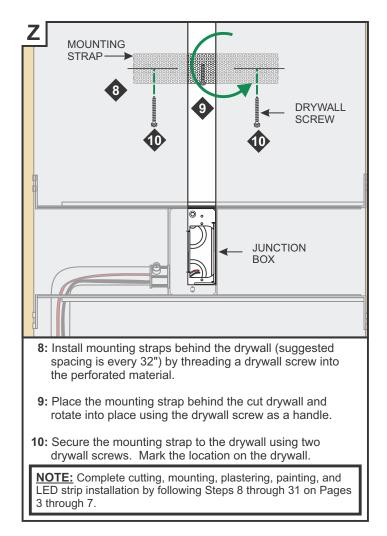


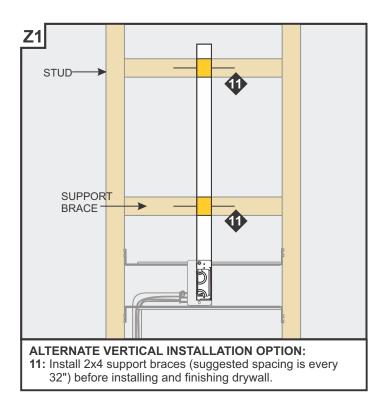




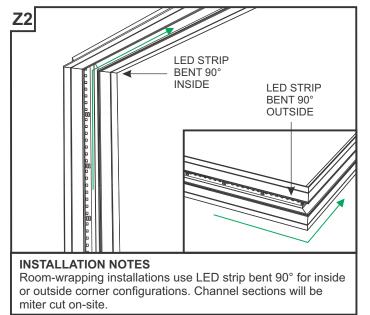


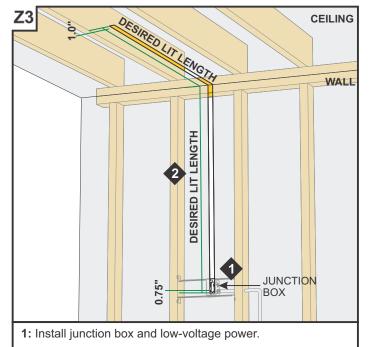
- **6:** Cut out the marked area using a "Dremel Multi-Max" or a 6" Fixed Jab Saw.
- 7: Mark the location of the studs on the drywall for future reference.



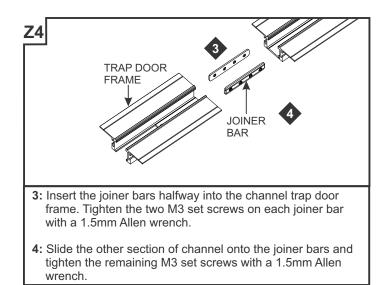


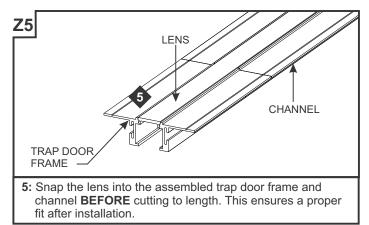
Section Four: Room-Wrapping Configuration

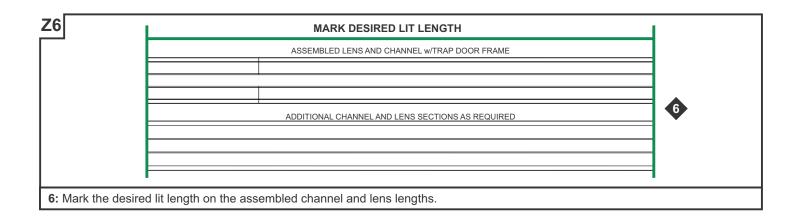


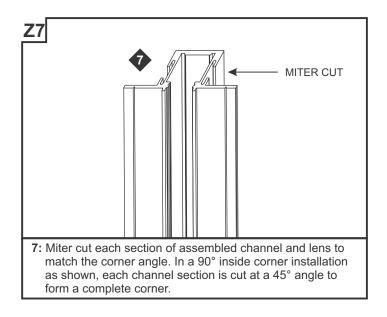


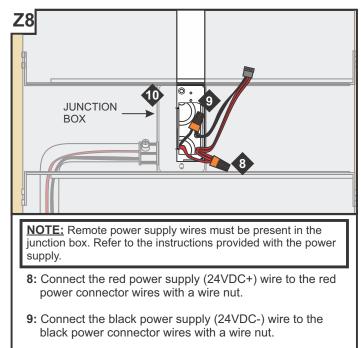
2: Measure and mark installation length, allowing for 0.75" extra space at junction box for power end cap and 1.0" at the end of the installation for the take-up box. Cut out marked areas using appropriate tools.



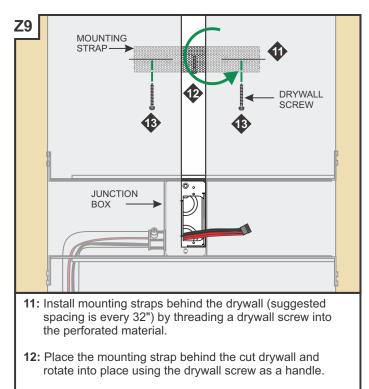




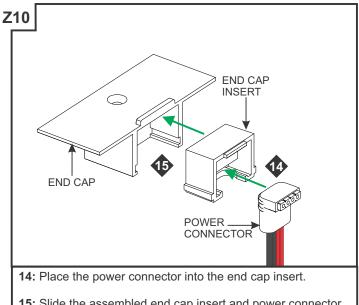




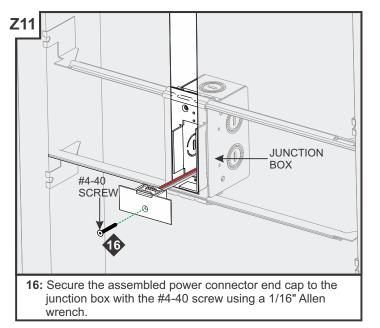
10: Place the wire nut connections inside junction box.

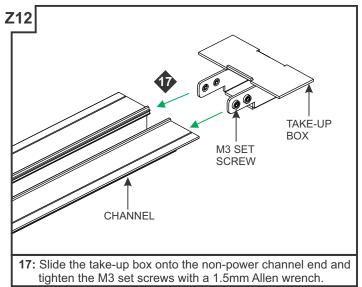


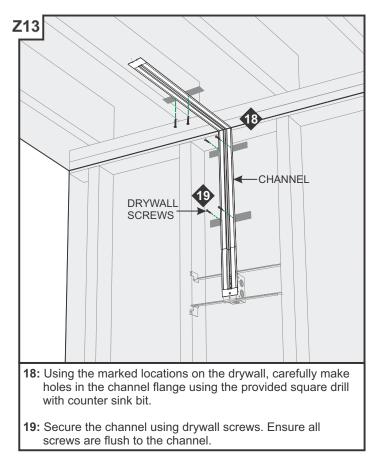
13: Secure the mounting strap to the drywall using two drywall screws. Mark the location on the drywall.

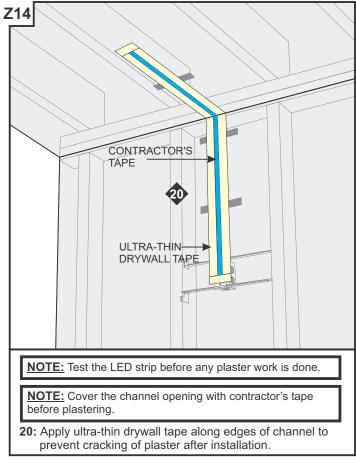


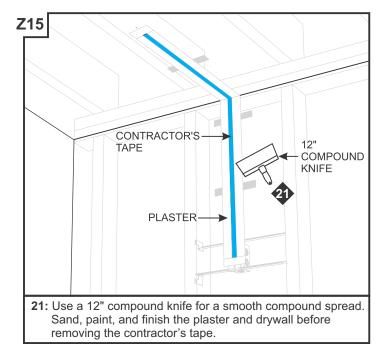
15: Slide the assembled end cap insert and power connector into the end cap.

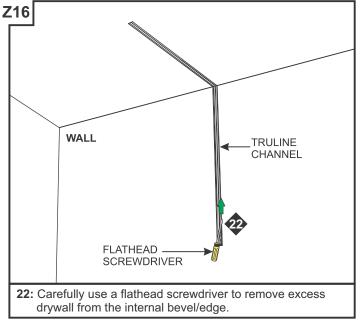


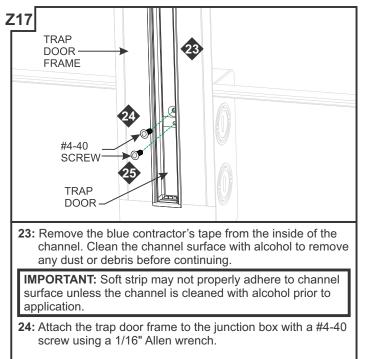




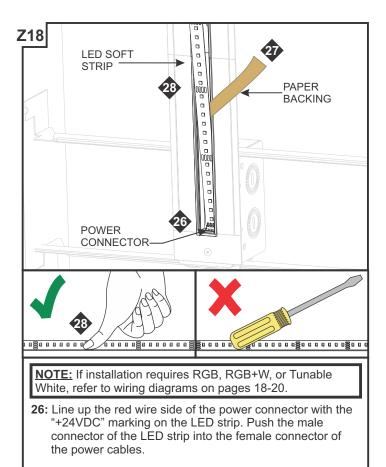




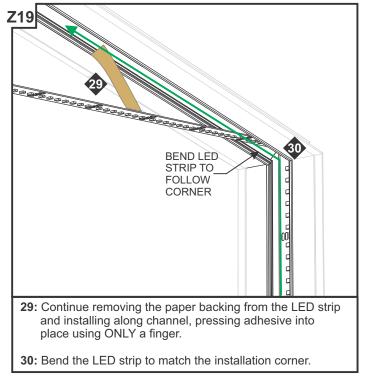


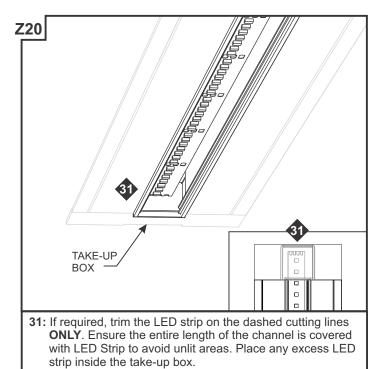


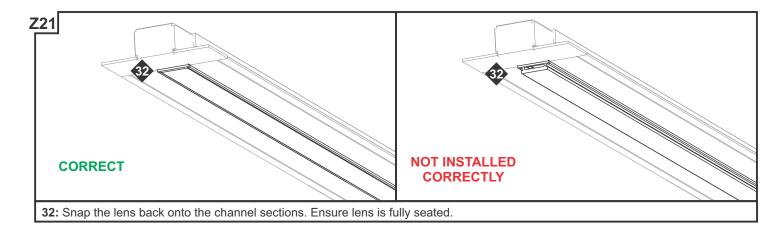
25: Attach the trap door to the junction box with a #4-40 screw using a 1/16" Allen wrench.



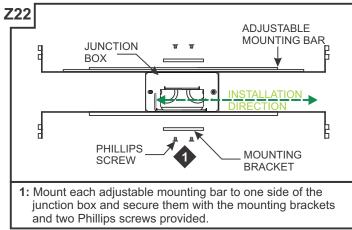
- **27:** Carefully remove the backing from the LED strip, making sure not to remove the tape from the strip.
- **28:** Firmly press down the adhesive portion of the LED strip onto the channel surface while removing the rest of the backing, making sure there are no air bubbles that can cause surface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

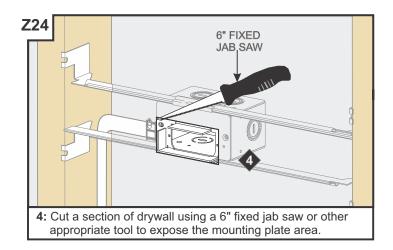


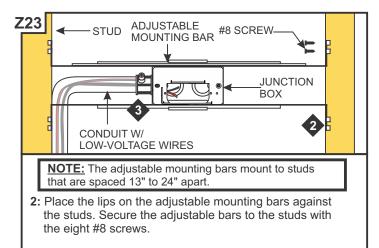




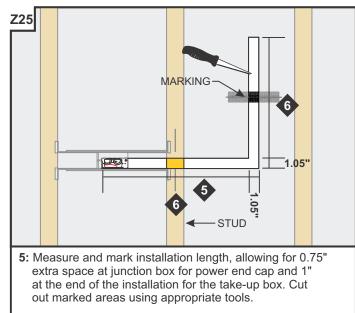
Section Five: Zig Zag Installation





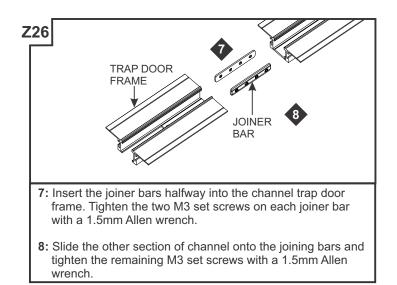


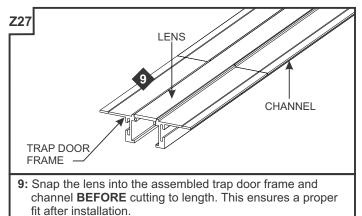
3: Install conduit (if required by local electrial code) and run low-voltage power wires to the junction box.

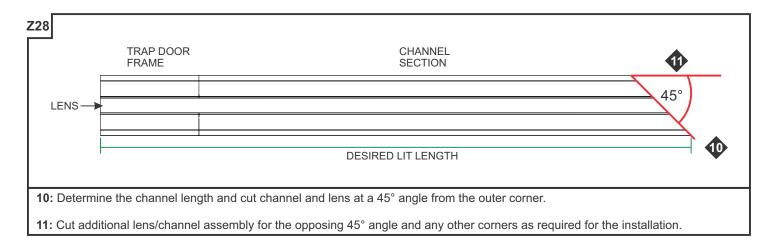


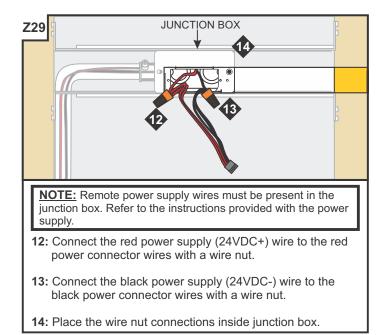
6: Mark the location of the studs to the drywall for future reference.

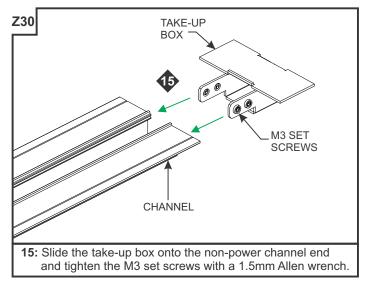
NOTE: To install channel vertically or in a wall without standard-spaced studs, install perforated mounting straps every 32" behind drywall and secure using two drywall screws. Mark the location of any mounting straps to the drywall.

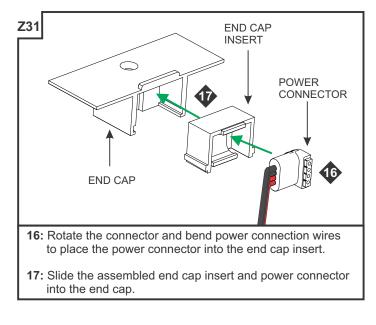


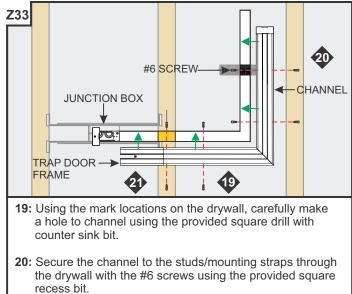




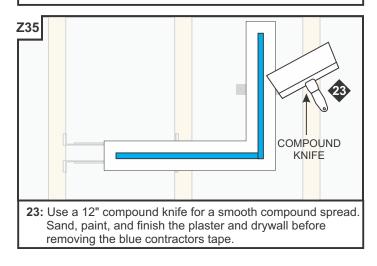


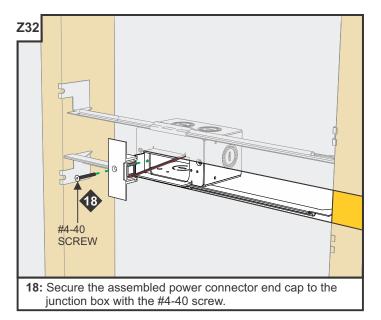


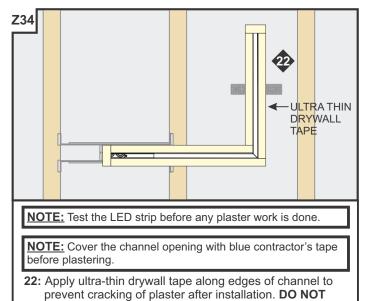




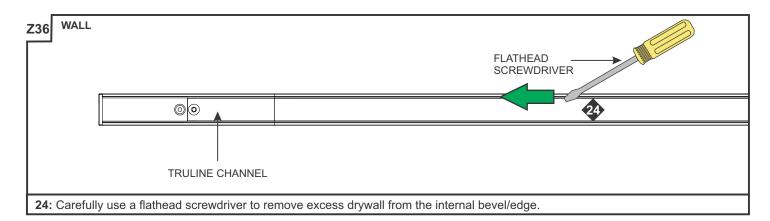
21: Secure the trap door frame to the junction box with the #4-40 screw.

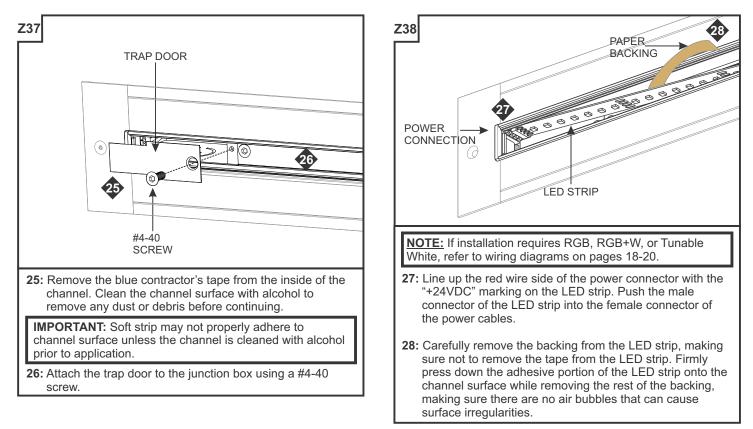


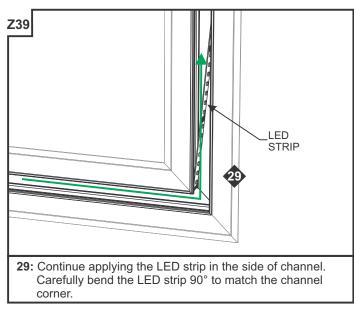


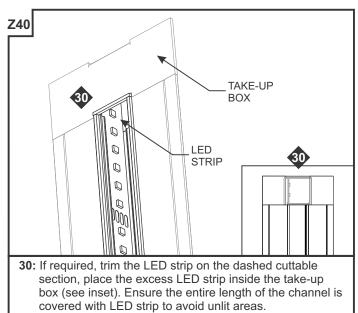


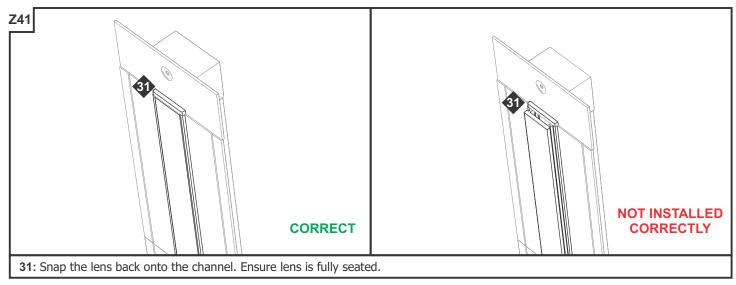
overlap strips of drywall tape.





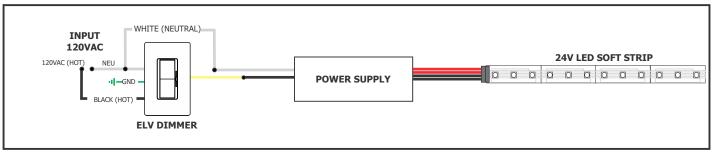




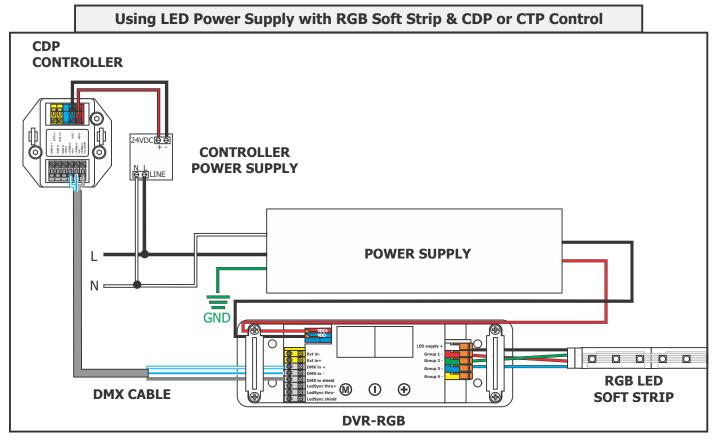


Section Six: Wiring Diagrams

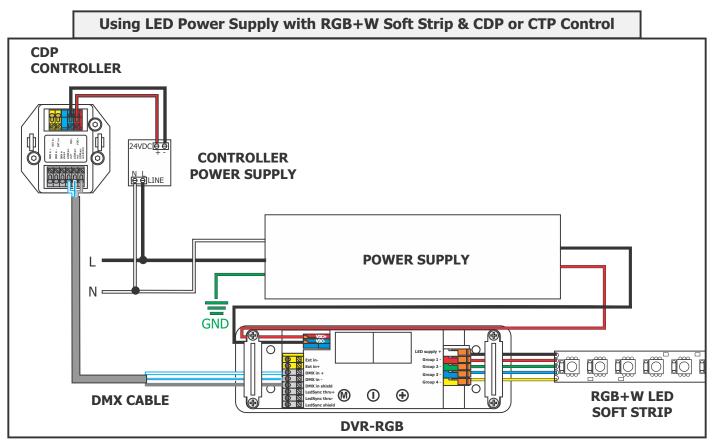
General 24VDC Configuration



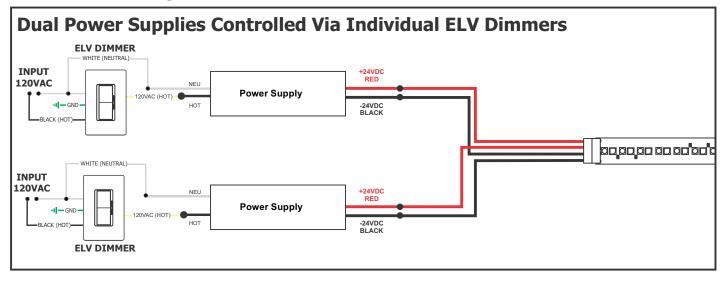
Standard RGB Configuration

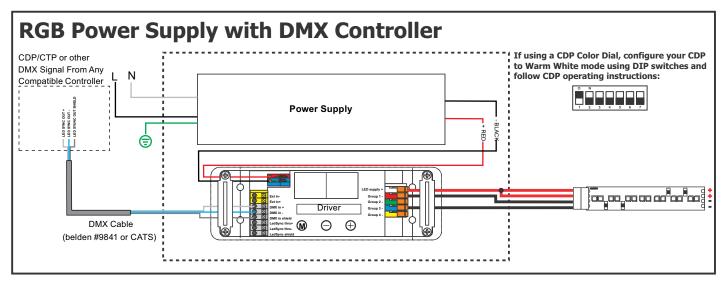


RGB+W Configuration

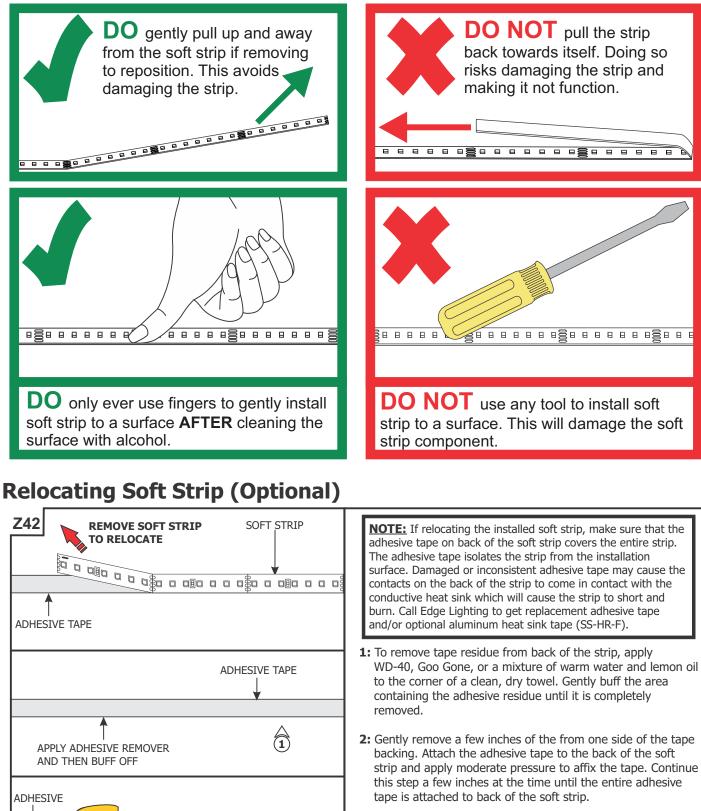


Tunable White Configuration





IMPORTANT INFORMATION REGARDING INSTALLATION AND REWORK OF SOFT STRIP LED



3: Refer to pages 7, 13, or 17 to reinstall the LED soft strip.

ADHESIVE BACKING

BACK SIDE OF SOFT STRIP