

Installation Instructions For **Verge 24VDC**

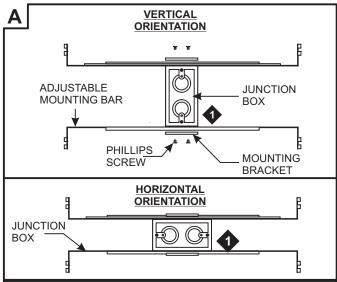
1718 W. Fullerton Ave Chicago, IL 60614 Tel: 773-770-1195 Fax: 773-935-5613 www.purelighting.com info@purelighting.com

IMPORTANT INFORMATION

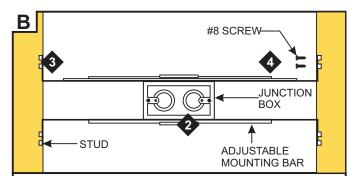
- This instruction shows a typical installation.

SAVE THESE INSTRUCTIONS!

Horizontal Channel Installation



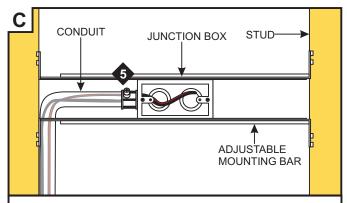
1: Mount each adjustable mounting bar to one side of the junction box (mounts to any side of the housing depending on the orientation of the channel) and secure them with the mounting brackets and two Phillips screws provided.



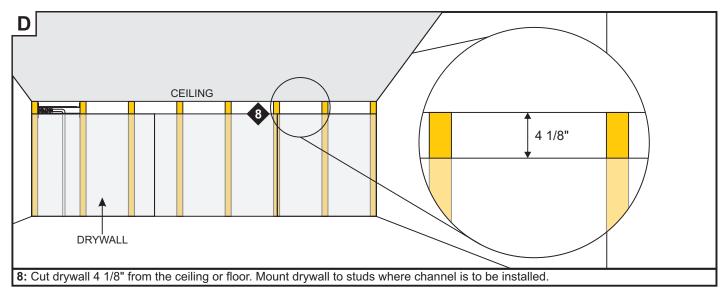
<u>NOTE:</u> The adjustable mounting bars mount to studs that are spaced 13" to 24" apart.

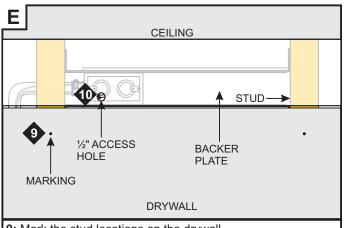
NOTE: Junction box must be installed ~4" from the ceiling or wall when using the provided backer plate.

- 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 the eight #8 screws.



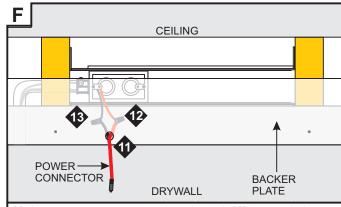
- 5: Remove a knockout to install the power line conduit.
- 6: Install the conduit and run the low voltage 24V DC power wires coming from the remote power supply to the junction box.
- 7: Refer to the instruction provided with the power supply along with the wiring diagram for proper wiring.



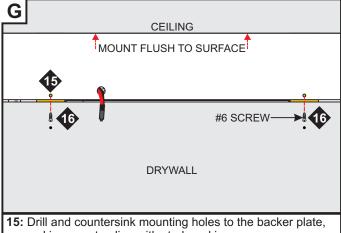


- 9: Mark the stud locations on the drywall.
- 10: Drill a 1/2" access hole in the backer plate near where it will be mounted over the junction box. This will allow access to the power wire connections. Access hole must be located between 0.35" and 0.8" from edge of backer plate.

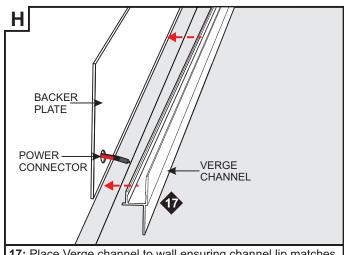
NOTE: De-burr 1/2" access hole before continuing.



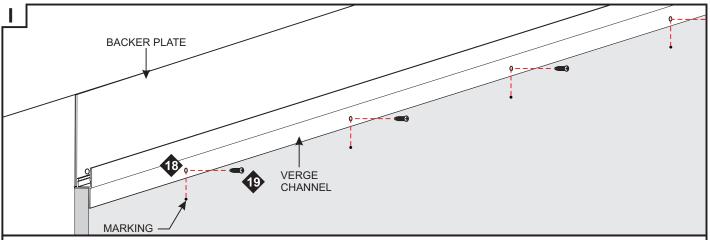
- 11: Insert power connector wires through ½" access hole.
- **12:** Connect the red power connector wire to the red remote power supply wire with a wire nut.
- 13: Connect the black power connector wire to the black remote power supply wire with a wire nut.
- 14: Place wire connections into junction box.



- making sure to align with stud markings.
- **16:** Mount backer plate to stude using #6 screws. Backer plate must be butted flush to ceiling or floor BEFORE mounting.

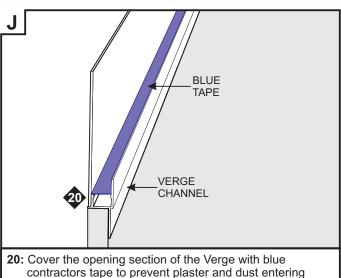


17: Place Verge channel to wall ensuring channel lip matches up with edge of backer plate.

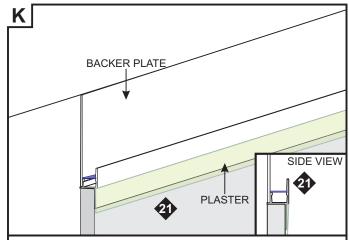


18: Using the marked locations on the drywall, carefully make a countersunk hole to the Verge.

19: Secure the channel to the drywall with the #6 screws using the provided square recess bit. Suggested screw spacing is 6".

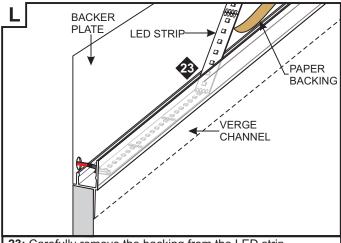


inside the channel.

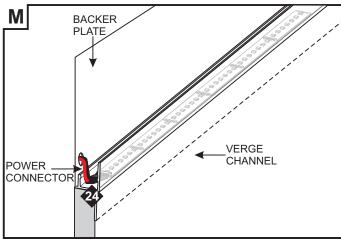


21: Plaster the channel flange edge to the wall & fill screw holes (highlighted in green). Finish the wall properly.

22: Remove the blue contractor tape & clean the inside of the channel.



23: Carefully remove the backing from the LED strip, make sure not to remove the tape from the LED strip. 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.



24: Connect the power connector so that the red wire of the power connecter is aligned with the "+24VDC" marking on the LED strip. Insert the lens into the Verge channel.