

Installation Instructions for **Twiggy Hinged 12V AC, Direct 1" W/ 1RE Junction Box**

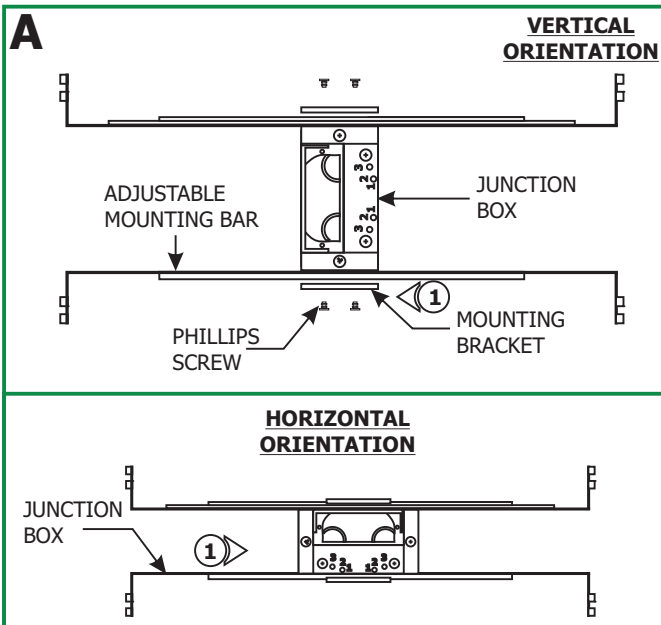
IMPORTANT INFORMATION

- This instruction shows a typical installation.

SAVE THESE INSTRUCTIONS!



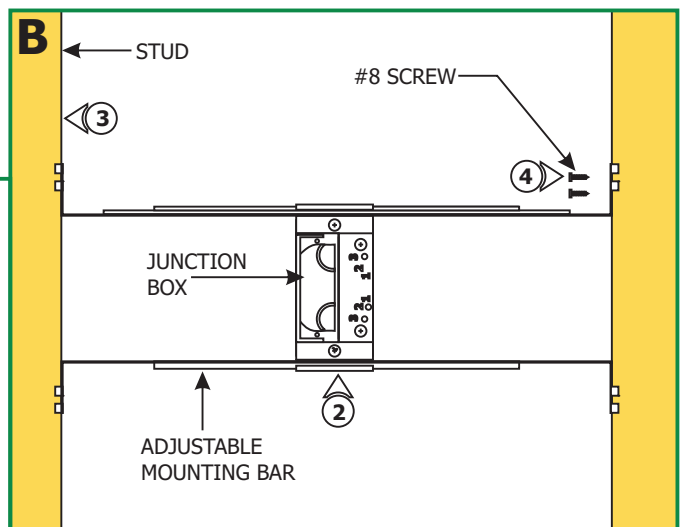
Install the Junction Box (C-1RE-JBOX)

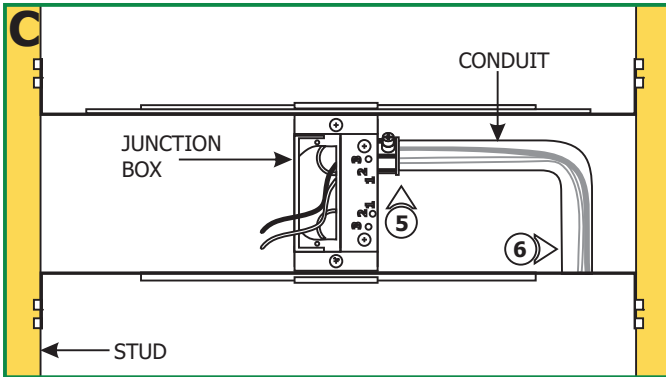


1: Mount each adjustable mounting bar to one side of the junction box (mounts to any side of the housing depending on the orientation of the channel) and secure them with the mounting brackets and two Phillips screws provided.

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

- 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.

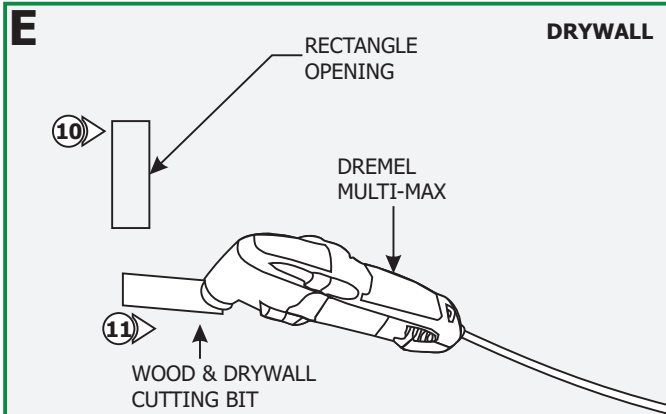
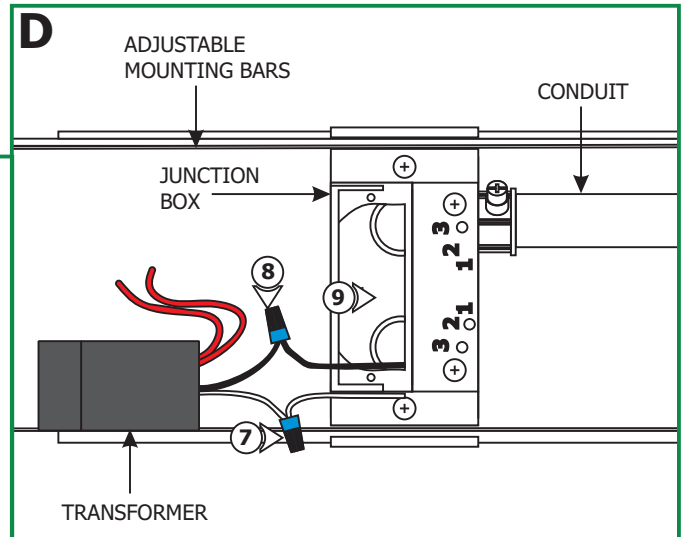
6: Install the conduit and run the 120V power wires.

NOTE: If necessary junction box opening can be adjusted, in three positions from position 1 at 0.85", 2 at 0.95" or 3 at 1.05". Simply loosen screws and tighten to the corresponding position labeled on junction box.

7: Connect the white transformer wire to the neutral power wire with a wire nut.

8: Connect the black transformer wire to the hot power wire with a wire nut.

9: Place the transformer and transformer wires inside the junction box.



10: Mark a rectangle shape on drywall where the junction box opening will be located depending on selected position.

11: Cut out the marked rectangle opening, using a "Dremel Multi-Max" with the "wood & drywall" cutting bit.

12: Install & finish drywall.

NOTE: It is recommended more than one person to assist in this installation.

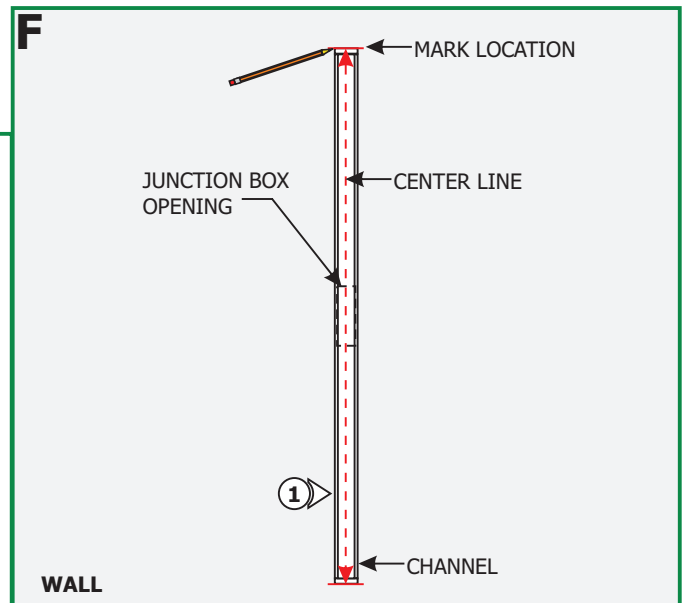
NOTE: Fixture can be mounted in a horizontal or vertical position.

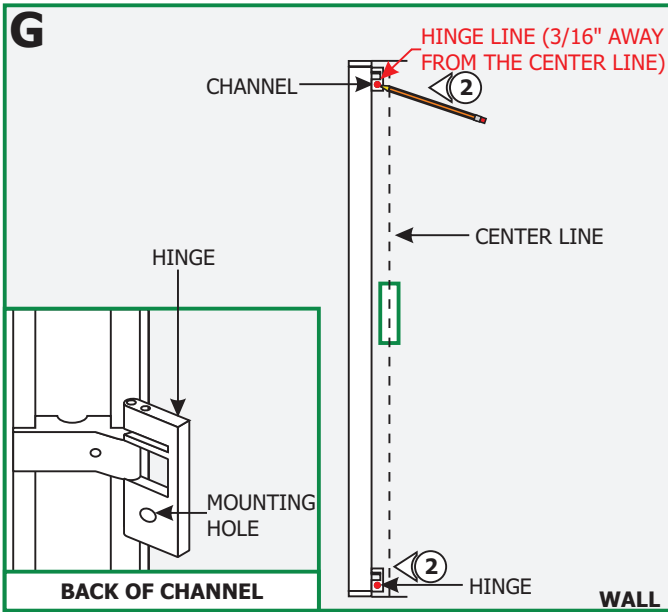
NOTE: Channel rotates in only one direction, so orientation must be determine before installing.

NOTE: The junction box does not need to be in middle of the channel (could be mounted from any end) but needs to be aligned in the center of the channel.

1: Center the channel to the junction box opening. Make markings to each end of the channel and also make a center line from end to end.

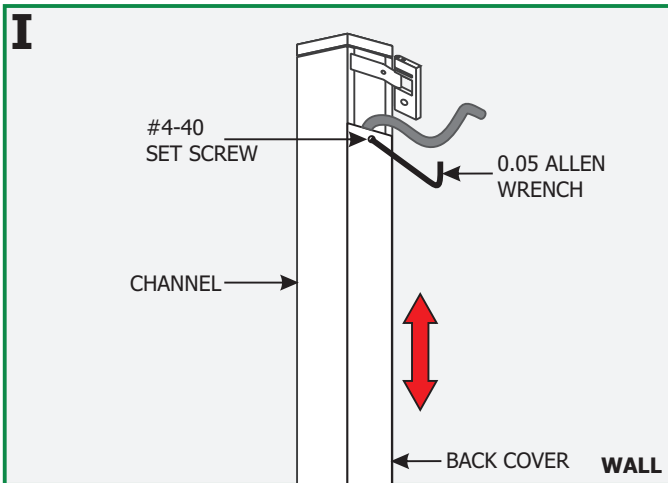
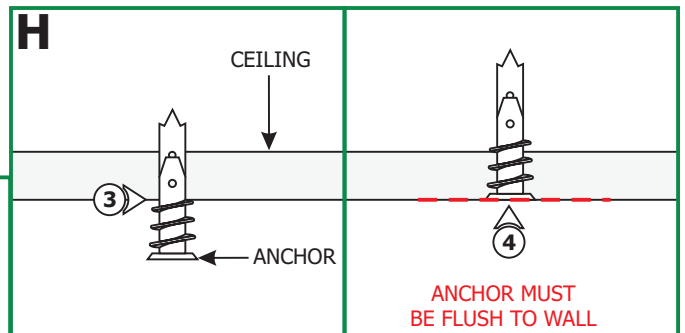
Install the Fixture





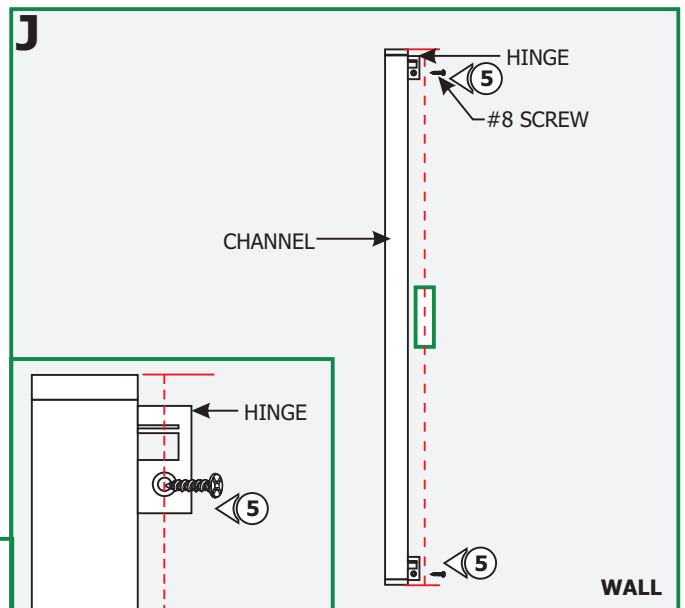
2: Unfold the channel hinges. Align the channel between the marked lines and mark the hinge holes 3/16" away from the center line.

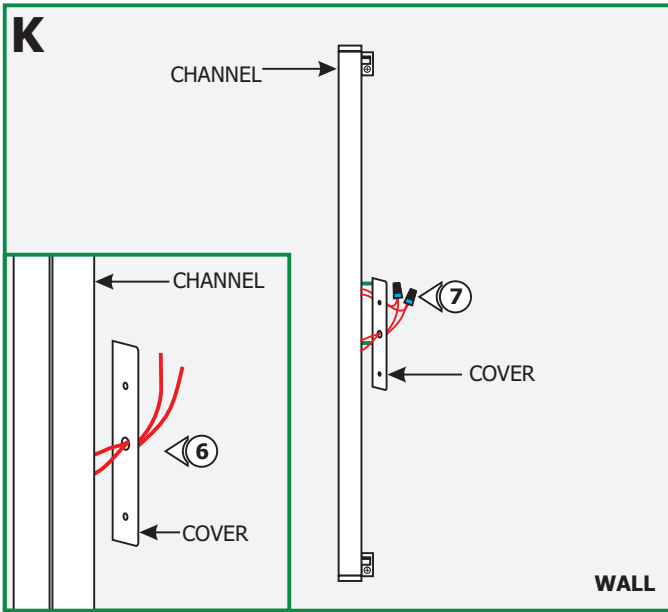
- 3:** Tap the anchors onto the marked points up to the threaded portion with a hammer.
- 4:** Screw in the threaded portion of the anchors with a Phillips screwdriver.



NOTE: If the junction box is located at one end of the channel, then loosen the #4-40 set screw with the 0.05 Allen wrench on one of the back cover moving the opening hole to one end. Pull the wire out of that end & retighten the #4-40 set screw with the 0.05 Allen wrench.

5: Line up the hinge to the anchors and secure it by tightening the #8 screws to each hinge.

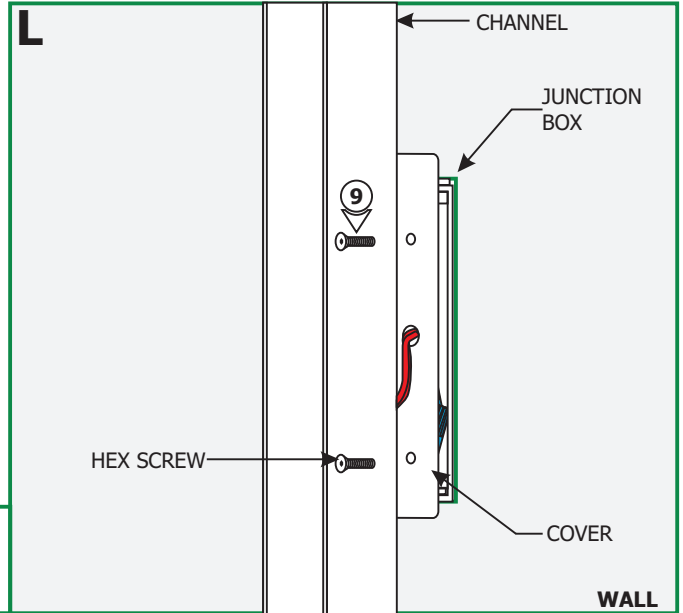




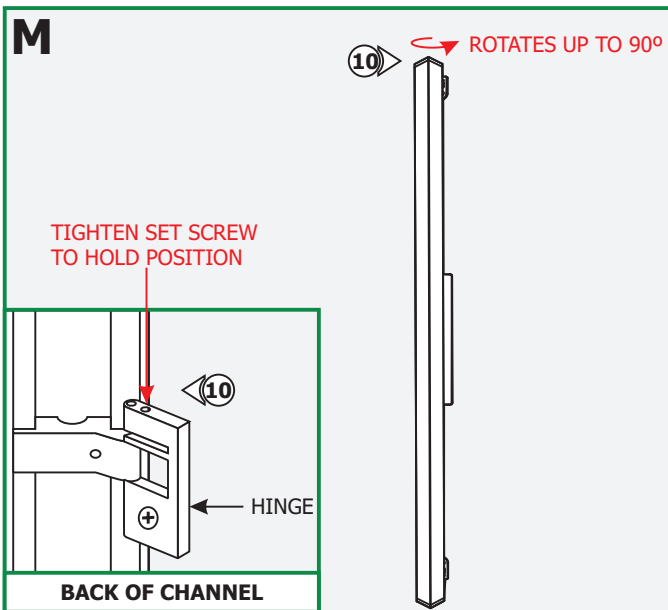
6: Feed the channel wires through the cover center hole.

7: Connect each power supply wire to a fixture body wire with a wire nut.

8: Place the excess wires and wire nut connection inside the junction box.



9: Align the covers mounting holes to the junction box, and secure using the two hex screws with the provided Allen wrench.



10: If necessary channel can be rotated up to 90° degrees, and to hold the position, tighten the M2 set screw to each the hinge with a 0.9mm Allen wrench.

GENERAL WIRING DIAGRAM

