Installation Instructions for **Vanishing Point 12 Volt Millwork Flush-Mount Canopy Fast Jack Connection**
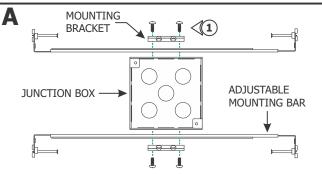
V2M_-FJ12-_
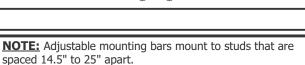
IMPORTANT INFORMATION
- This instruction shows a typical installation.
- This product is ceiling mount.

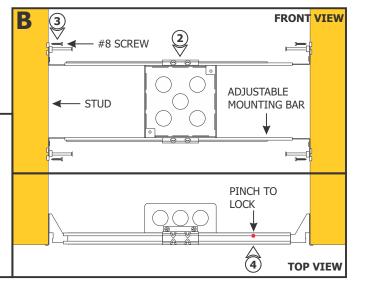**SAVE THESE INSTRUCTIONS!**

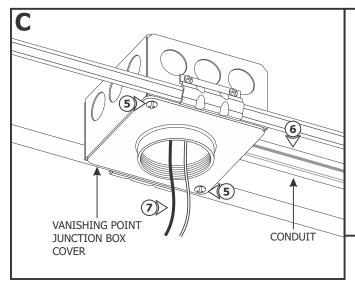## Section One: Install the Junction Box

1: Mount each adjustable mounting bar to one side of the junction box and secure them with the mounting brackets and two Phillips screws provided.
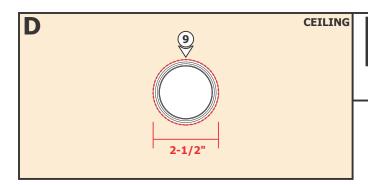
NOTE: Adjustable mounting bars mount to studs that are spaced 14.5" to 25" apart.

2: Select the location between the two studs for the junction box to be mounted.

3: Place the adjustable mounting bar tabs between the studs. Secure the adjustable bars to the studs with the #8 screws.

4: Pinch anywhere on the inner edge of the mounting bars to lock in place.

5: Install the Vanishing Point junction box cover to the junction box using two #8-32 screws.

6: Remove a knockout to install a conduit into the junction box. Install conduit(s) (if required by local electrical code).

7: Run the line voltage wires to the junction box.

8: If using remote power supply, then run the low-voltage 12V wires coming from the remote power supply to the junction box.
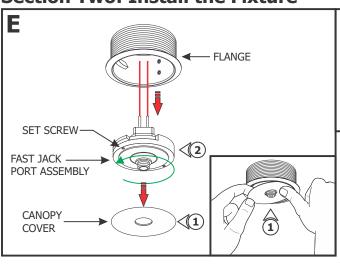
NOTE: Ensure remote power supply wires are present in the junction box. Refer to instructions provided with the power supply.

D

⑨

2-1/2"

NOTE: Vanishing Point Millwork needs to be installed onto a minimum 5/8" to maximum 7/8" thick wood/surface. The cut out slot must be 2-1/2" in diameter.
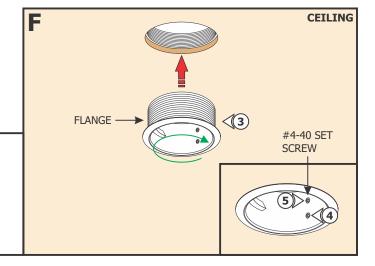
9: Use a 2-1/2" hole saw to cut out the surface where the junction box opening is located.
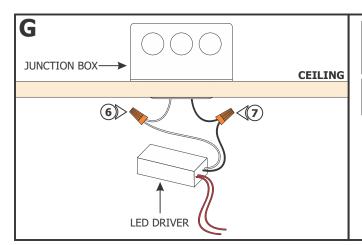
Section Two: Install the Fixture

E

FLANGE

SET SCREW

FAST JACK PORT ASSEMBLY

②

CANOPY COVER

①

①

1: Use fingers to push on the perimeter of the canopy cover until it slightly rocks and lift the cover to remove it from the assembly.

2: Loosen **(Do Not Remove)** the #4-40 set screws on the Fast Jack Port assembly using a 0.05" Allen wrench and rotate the Fast Jack Port assembly counter clockwise to remove from the flange.

F

FLANGE

③

#4-40 SET SCREW

⑤

④

3: Screw the flange clockwise into the junction box cover, ensuring the flange is tight.

4: If the surface is 5/8" thick, tighten the bottom #4-40 set screw inside the flange using a 0.05" Allen wrench.

5: If the surface is 3/4" and thicker, tighten the top #4-40 set screw inside the flange using a 0.05" Allen wrench.
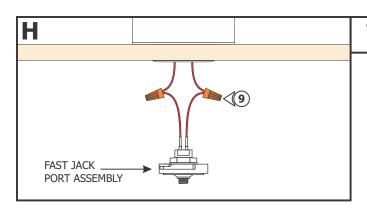
G

JUNCTION BOX

⑥

⑦

LED DRIVER

NOTE: Steps 6 through 8 are for the 15W or 60W 12V power supply included inside the junction box. Omit these steps if using remote power supply.

NOTE: Make sure the junction box is grounded in accordance to local electrical codes.

6: Connect the white LED driver wire to the neutral power wire with a wire nut.

7: Connect the black LED driver wire to the hot power wire with a wire nut.

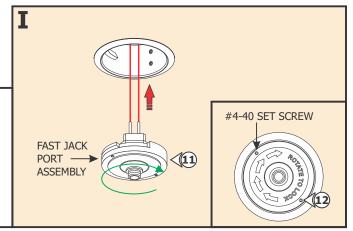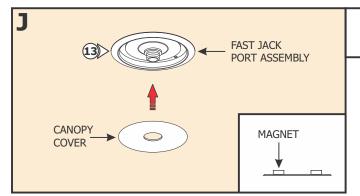**8:** Place the LED driver and wire nut connections inside the junction box.

H

9: Connect each transformer wire to one wire of the Fast Jack Port assembly with a wire nut.

FAST JACK PORT ASSEMBLY

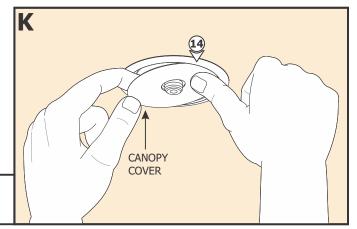**10:** Place all wire nut connections inside the junction box.

11: Insert the Fast Jack Port assembly into the opening and rotate clockwise to lock in place.

12: Tighten the #4-40 set screws using a 0.05" Allen wrench to secure in place.
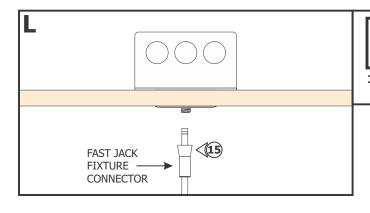
NOTE: Test the fixture.

I

FAST JACK PORT ASSEMBLY

#4-40 SET SCREW

ROTATE TO LOCK

J

FAST JACK PORT ASSEMBLY

CANOPY COVER

MAGNET

13: Place the canopy cover over the Fast Jack Port assembly. The magnets on the back will keep the canopy cover in place.

K

CANOPY COVER

14: If necessary, use fingers to push on the perimeter of the canopy cover until it slightly rocks and lift the cover to remove it from the assembly.

L

FAST JACK FIXTURE CONNECTOR

CAUTION: Risk of Fire: Do not load the port greater than power supply rated wattage (**15W** or **60W**). For remote power supply, load each port to **MAX 60** watts.

15: Use fingers to tighten the Fast Jack connector into the Fast Jack port.

3

General Wiring for Remote Power

SWITCH

120V   120V HOT

REMOTE POWER SUPPLY

120V NEUTRAL

12V

JUNCTION BOX

CEILING