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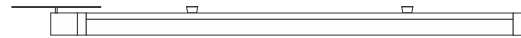
Installation Instructions for Pipeline 2 Ceiling with 1" Rectangle Canopy and Remote Power

P2CD--1R-

IMPORTANT INFORMATION

- This instruction shows a typical installation.
- It is recommended more than one person to assist in this installation.

SAVE THESE INSTRUCTIONS!



Section One: Install the Junction Box

A **HORIZONTAL ORIENTATION**

PHILLIPS SCREW

JUNCTION BOX

ADJUSTABLE MOUNTING BAR

MOUNTING BRACKET

VERTICAL ORIENTATION

PHILLIPS SCREW

JUNCTION BOX

ADJUSTABLE MOUNTING BAR

MOUNTING BRACKET

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.

B

JUNCTION BOX

#8 SCREW

ADJUSTABLE MOUNTING BAR

NOTE: Adjustable mounting bars mount to studs that are spaced 14.5" to 25" apart.

NOTE: Ensure the opening of the junction box is aligned with the center of the desired fixture location. If necessary, adjust the junction box location by loosening the screws and sliding the junction box to the proper location. Tighten the Phillips screws after adjusting.

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.

NOTE: Ensure remote power supply wires are present in the junction box. Refer to instructions provided with the power supply.

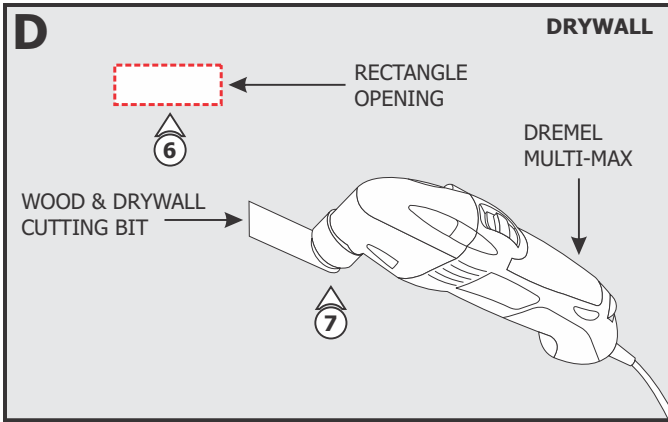
4: Remove a knockout to install a conduit into the junction box.

5: Install conduit(s) (if required by local electrical code) and run low-voltage 24VDC power wires coming from the remote power supply to the junction box.

C

CONDUIT

JUNCTION BOX

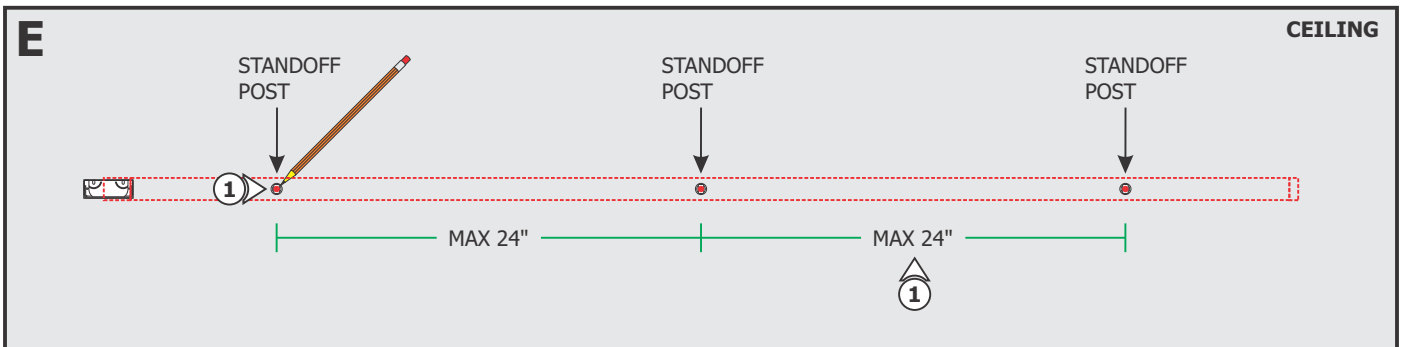


6: Mark a rectangle shape on the drywall where the junction box opening will be located depending on selected position.

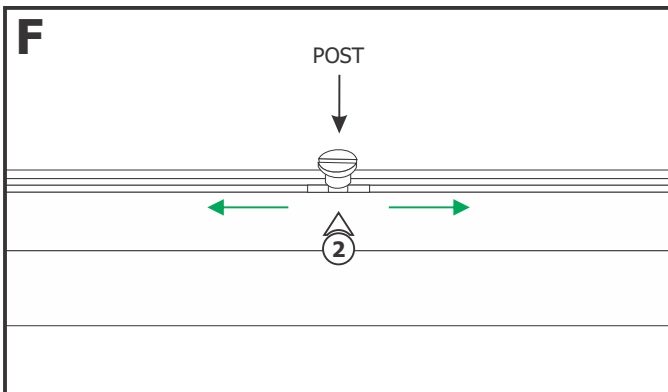
7: Cut out the marked rectangle opening, using a "Dremel Multi-Max" with the "wood & drywall" cutting bit.

8: Install & finish drywall.

Section Two: Install Standoff Post



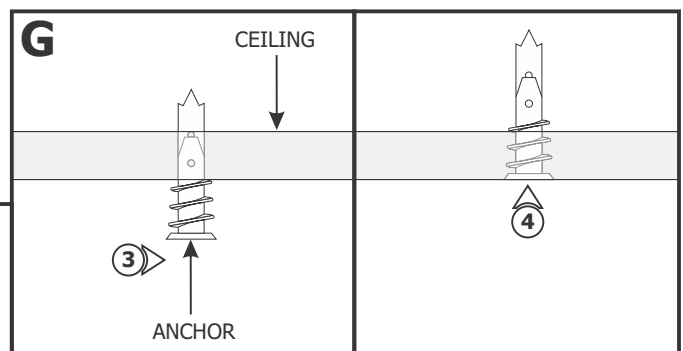
1: Begin installation using the side of the channel with the power wire. Lay the channel to the desired location & make all necessary markings on the ceiling which will consist of the channel ends and standoff posts. Standoffs must be installed maximum 24" from each other.

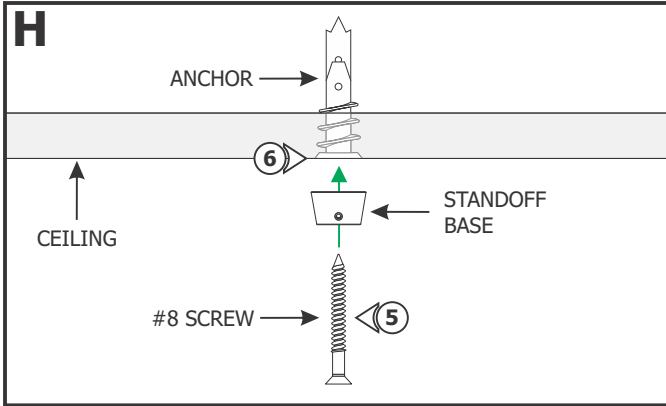


2: If necessary, adjust the position of the standoff post by loosening the post and sliding it across the channel. Tighten the post to secure in place.

3: Tap the anchor onto the marked points up to the threaded portion with a hammer.

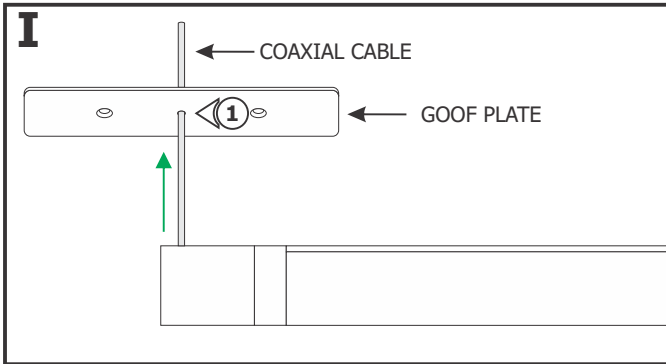
4: Screw in the threaded portion of the anchors with a Phillips screwdriver.





- 5:** Feed the #8 screw through the standoff base into the anchor.
- 6:** Tighten the #8 screw completely into the anchor.
- 7:** Repeat steps 5 and 6 for each standoffs.

Section Three: Power the Fixture

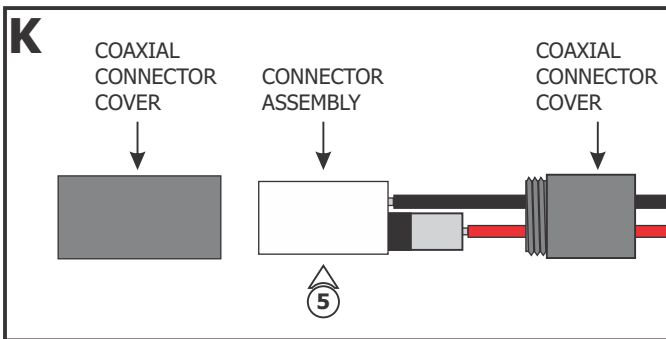
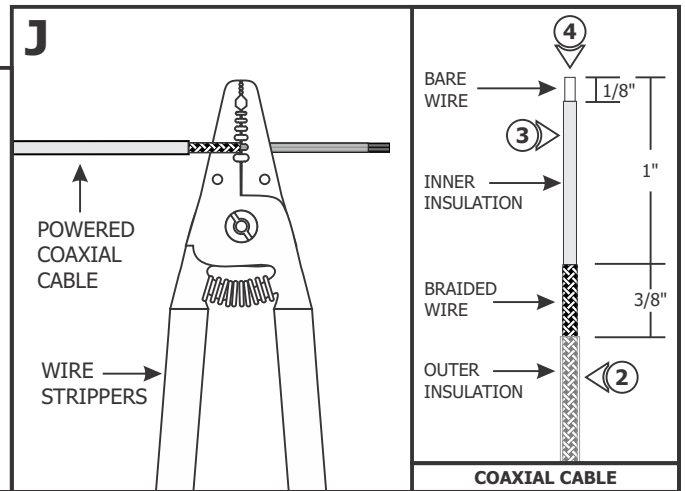


- 1:** Feed the cable from the fixture through the Goof Plate (paint to match prior).



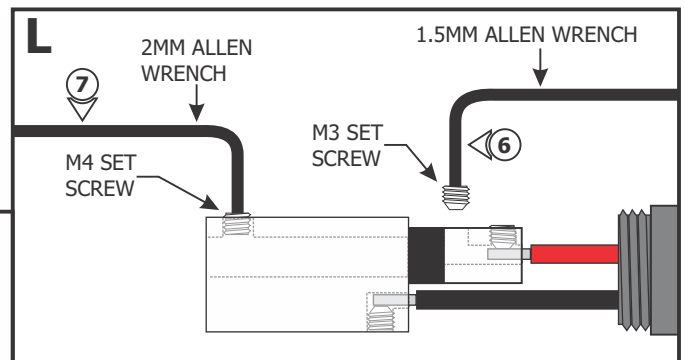
NOTE: Scan the QR Code to watch the video clip of the following steps or visit https://www.PureEdgeLighting.com/video_feed/installation_cxc_connector

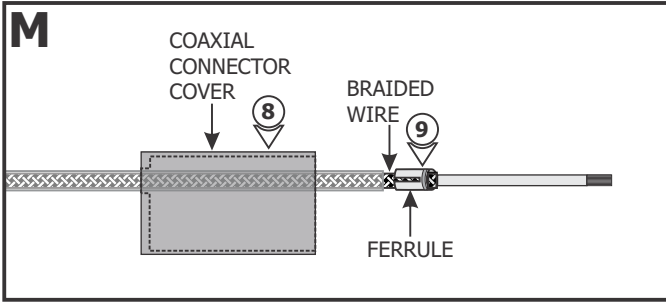
- 2:** Use the 18AWG hole of the wire stripper to remove 1-3/8" of the outer insulation to expose the braided wire.
- 3:** Use the 18AWG hole of the wire stripper to remove 1" of the braided wire making sure not to nick the inner wire insulation.
- 4:** Use the 20AWG hole of the wire stripper to move 1/8" of the inner insulated wire.



- 5:** Unscrew the coaxial connector covers and remove from the connector assembly.

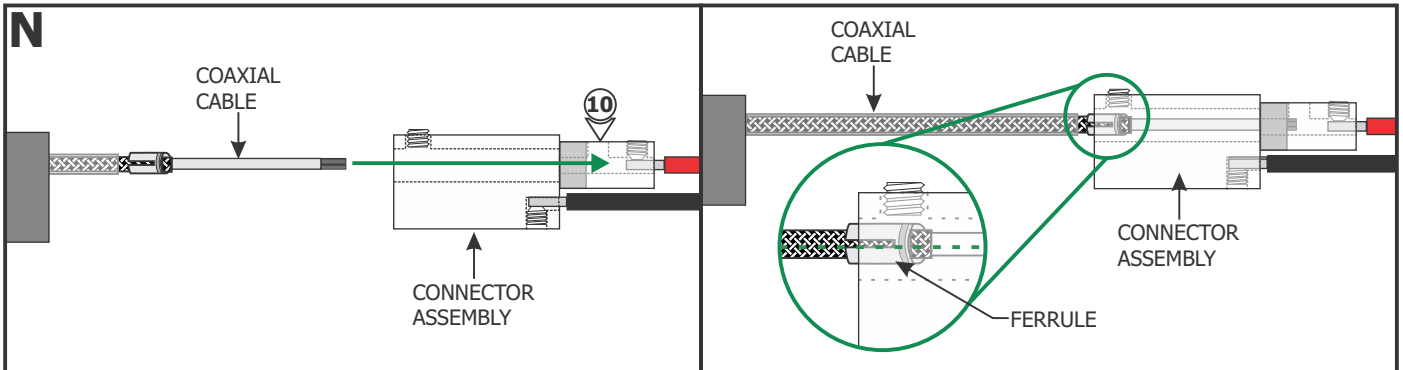
- 6:** Using the provided 1.5mm Allen Wrench, remove the M3 set screw from the coaxial connector assembly.
- 7:** Using the provided 2mm Allen wrench to loosen (do not remove) the M4 set screw.





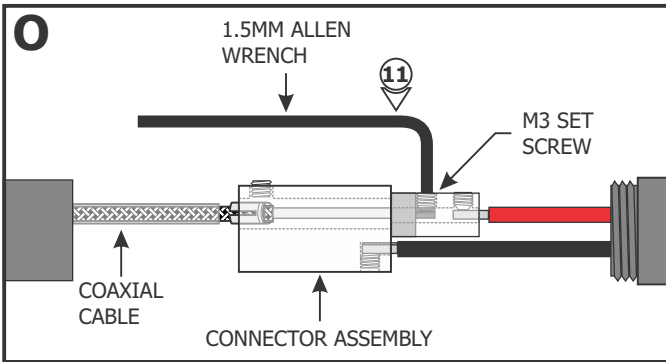
8: Slide the connector cover over the coaxial cable.

9: Place the ferrule over the 3/8" braided wire of the coaxial cable.

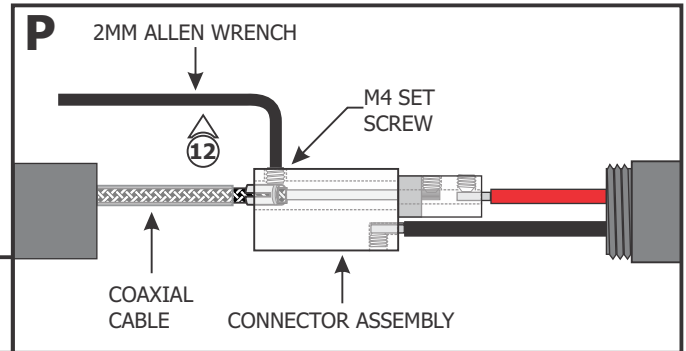


10: Insert the coaxial cable into the coaxial connector until the wires of the center conductor are visible through the M3 set screw hole.

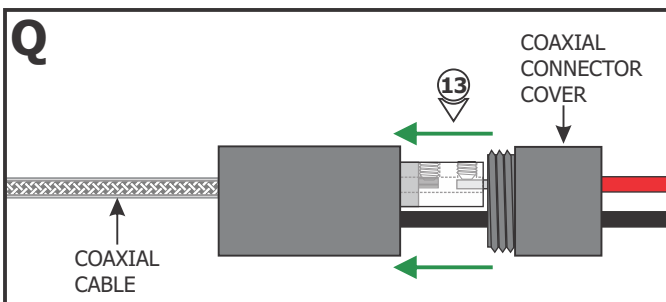
NOTE: Ensure that the split in the ferrule is aligned 90° from the M4 set screw (see inset).



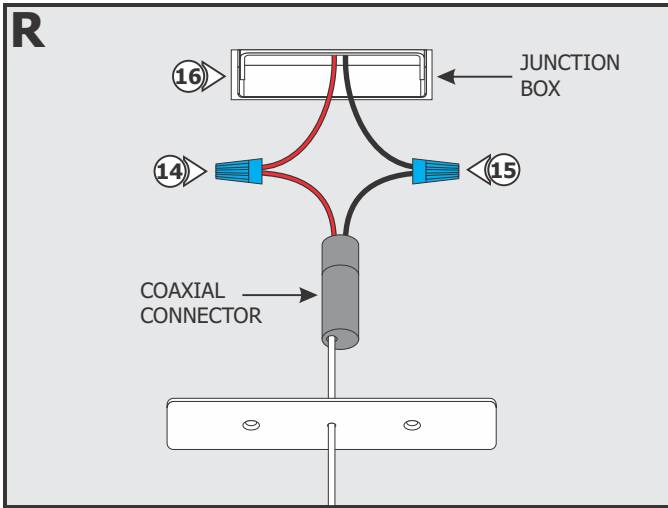
11: Use the provided 1.5mm Allen wrench to replace and securely tighten the M3 set screw.



12: Use the provided 2mm Allen wrench to securely tighten the M4 set screw until it squeezes the wire ferrule tightly to the coaxial cable.



13: Replace the coaxial connector cover and tighten into place.



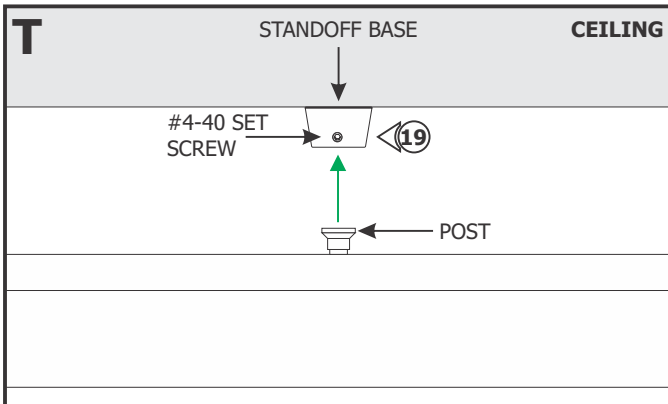
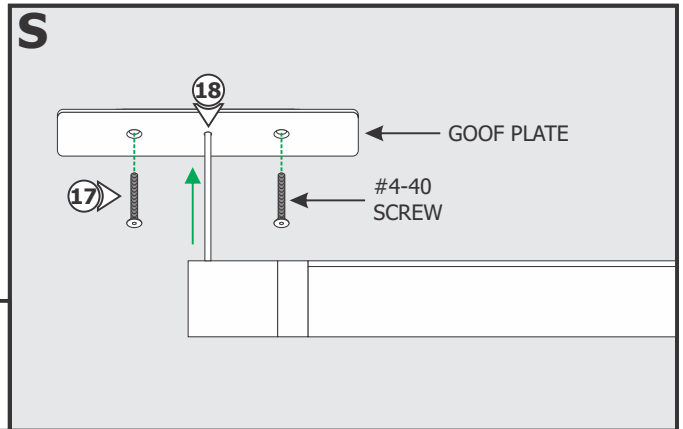
14: Connect the red wire of the coaxial connector to the +24VDC power supply wire with a wire nut.

15: Connect the black wire of the coaxial connector to the -24VDC power supply wire with a wire nut.

16: Place all connections inside the junction box.

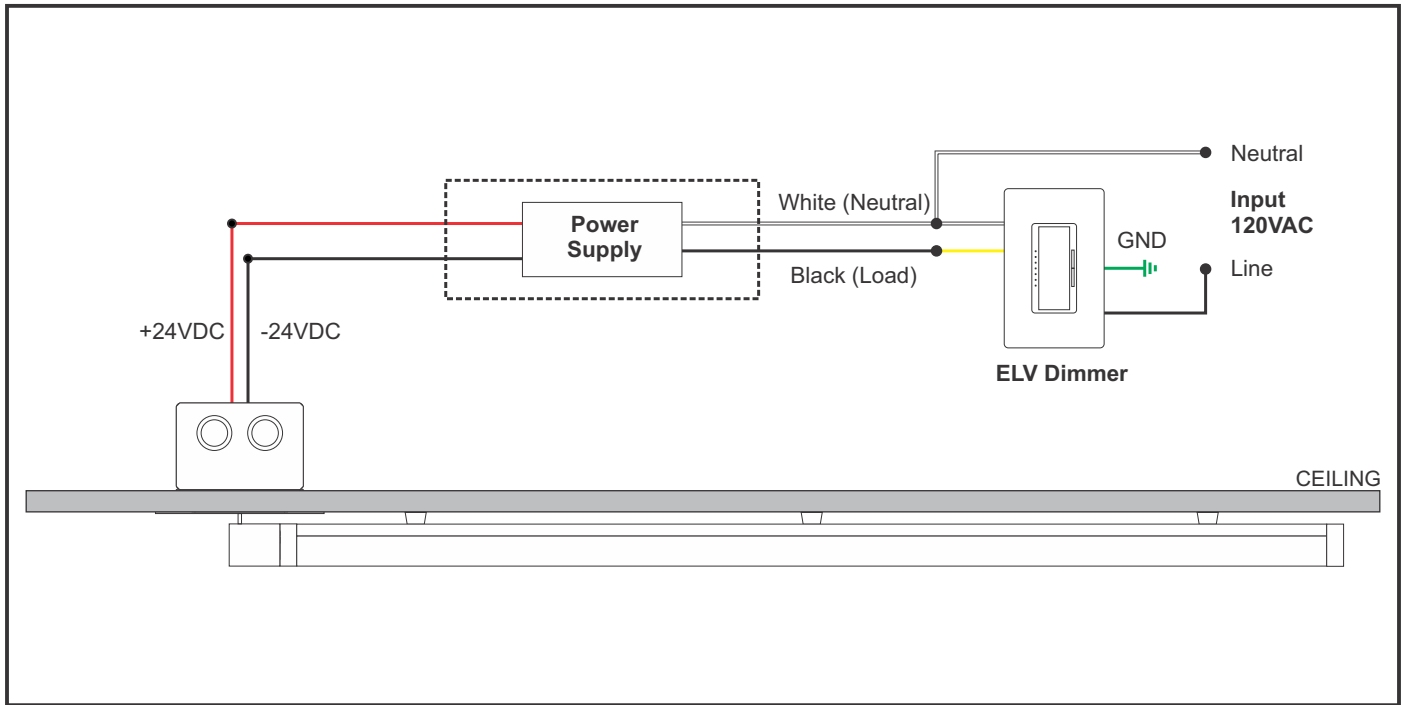
17: Place the goof plate over the junction box. Secure it with the two #4-40 screws using a 1/16" Allen wrench.

18: If necessary, push the cable into the junction box.



19: Align the post on the channel with the standoff base and secure with the #4-40 set screw using a 0.05" Allen wrench.

General ELV Wiring Diagram



General 0-10V Wiring Diagram

