PURE EDGE LIGHTING

1718 W. Fullerton Chicago, IL 60614
Ph: 773.770.1195 • Fax: 773.935.5613
www.PureEdgeLighting.com • info@PureEdgeLighting.com

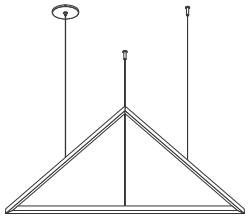
Installation Instructions for **Cirrus MIYO Triangle LED Suspension with Lit Corners - End Feed, with Power and Remote Power**

CSD_-T-E-_

IMPORTANT INFORMATION

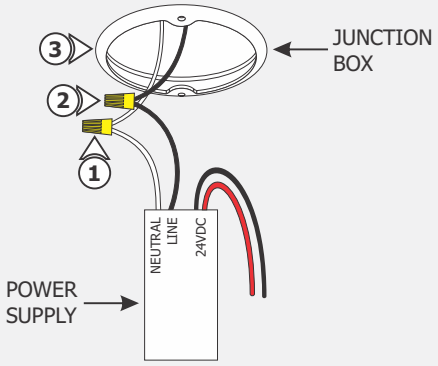
- This product is suitable for indoor locations.
- This instruction shows a typical installation.
- The fixtures with length greater than 40" for 5W and 26" for 7W will be provided with an 8" round surface mount canopy; otherwise they will come with a 4" flush canopy.
- Before beginning any electrical work, ensure that power to the junction box is turned off.

SAVE THESE INSTRUCTIONS!



Section One: 4" Flush Canopy

A



NOTE: Omit this section if using the 8" Surface Mount Canopy. Refer to Section Two.

NOTE: Omit steps 1 though 3 if using a remote power supply. Remote power supply must be installed within 40ft of the junction box. Ensure remote power supply wires are present in the junction box. Refer to the instructions provided with the power supply.

1: Connect the 120V white wire of the power supply to the 120V neutral wire using a wire nut.

2: Connect the 120V black wire of the power supply to the 120V line wire using a wire nut.

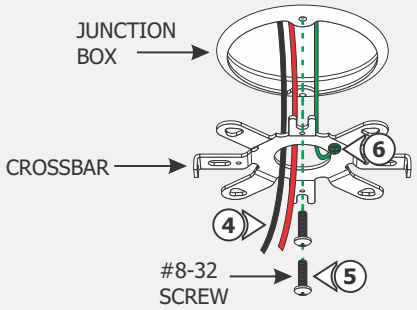
3: Place the power supply and wires inside the junction box.

4: Feed the 24VDC low voltage wires from the power supply through the center hole of the crossbar.

5: Mount the crossbar to the junction box holes with two #8-32 screws.

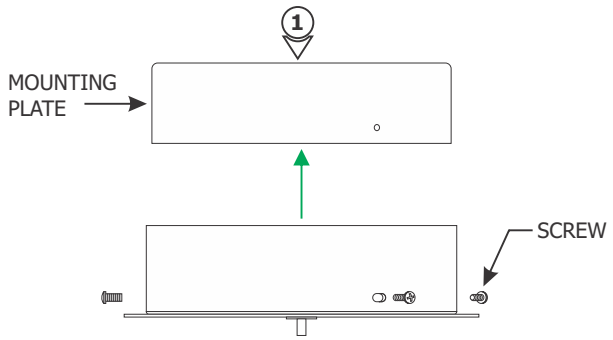
6: If applicable, make sure that the crossbar is grounded in accordance with local electrical codes.

B



Section Two: 8" Surface Mount Canopy

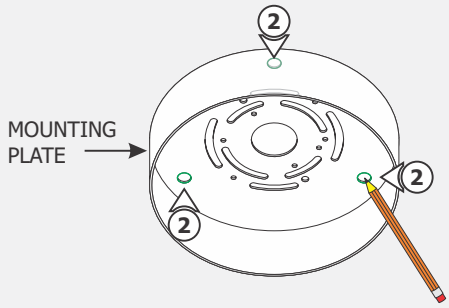
C



NOTE: Omit this section if using the 4" Flush Canopy.

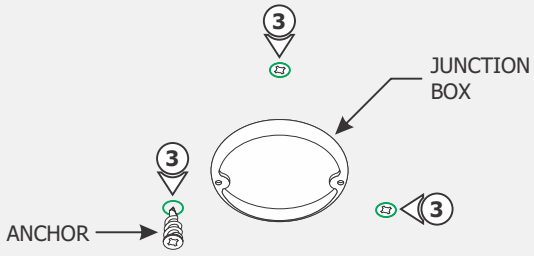
1: Remove the three Phillips screws from the canopy to remove the mounting plate.

D



2: Align the mounting plate holes with the junction box. Mark three points onto the ceiling.

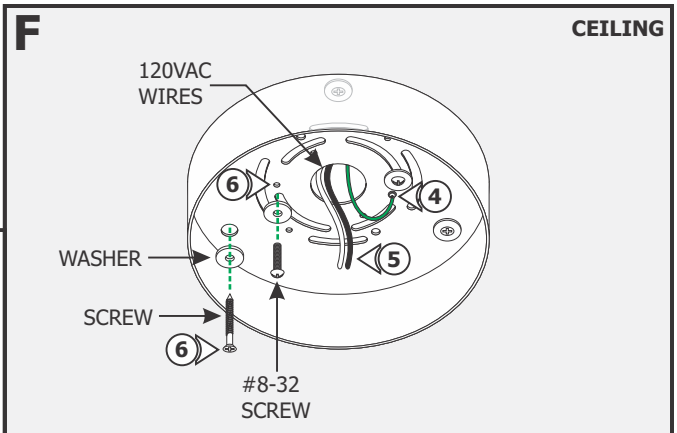
E



NOTE: Step 3 is for drywall mounting. Omit this step if mounting directly to wood surface.

3: Tap the anchors onto the marked points up to the threaded portion with a hammer. Then screw in the threaded portion with a Phillips screw driver.

F

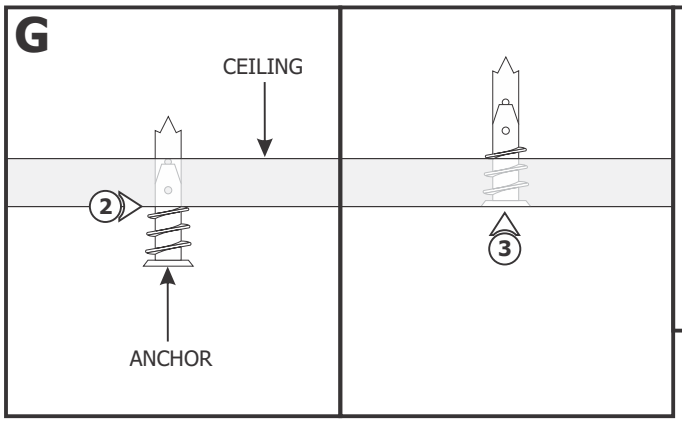


4: If applicable, make sure the mounting plate is grounded in accordance with local electrical codes.

5: Feed the 120VAC power wires through the center hole of the mounting plate.

6: Secure the mounting plate to the junction box and anchors using the provided screws and washers.

Section Three: Install the Standoff

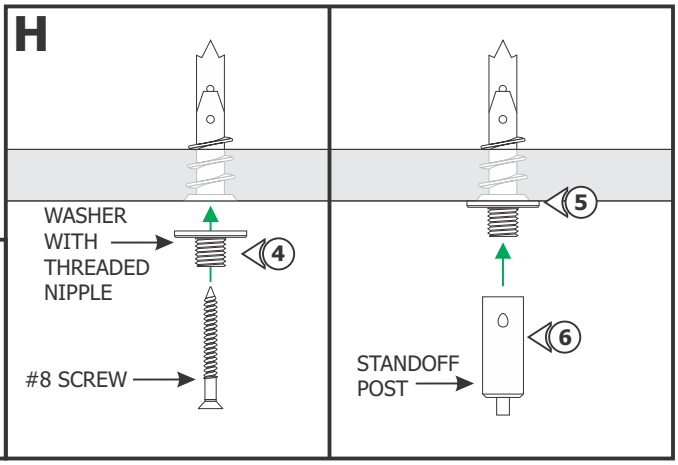


1: Determine the location of the fixture. Lift the end of each aircraft cable against the ceiling to mark the locations of the standoffs.

NOTE: Steps 2 and 3 are for drywall mounting. Omit this step if mounting directly to a wood surface.

2: For each provided standoff, tap the anchor onto the marked location up to the threaded portion with a hammer.

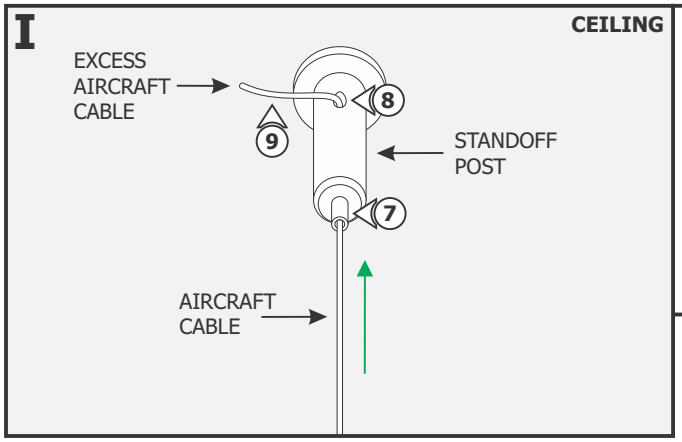
3: Screw in the threaded portion of the anchors with a Phillips screwdriver.



4: Feed the #8 screw through the washer with threaded nipple into the anchor.

5: Tighten the #8 screw completely into the anchor.

6: Tighten the standoff post completely onto the threaded nipple.



7: Feed the aircraft cable coming from the fixture through the standoff post.

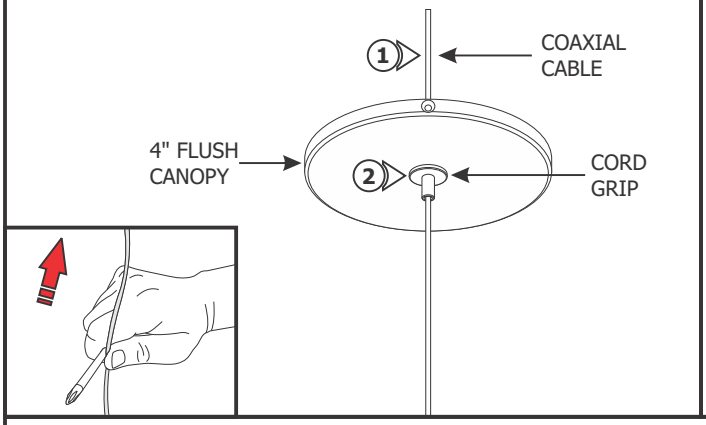
8: Adjust the fixture height by pushing the cord grip and pulling the aircraft cable out of the side of the standoff post. Release the cord grip to secure the cable in place.

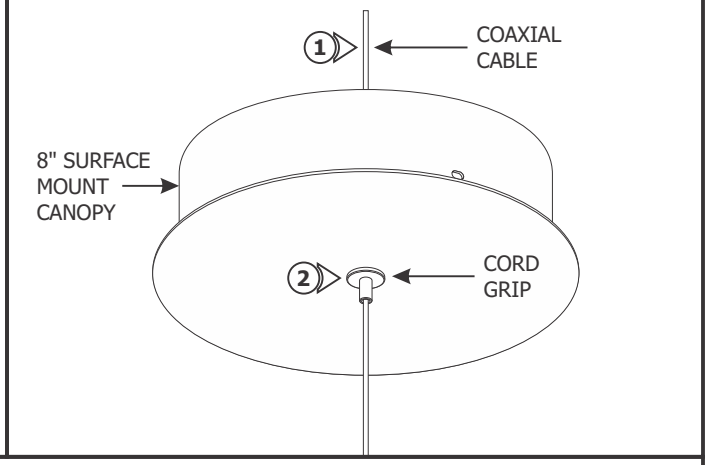
9: If necessary, trim excess aircraft cable using sharp cutters.

10: Repeat steps 1 through 9 for the remaining supports.

Section Four: Power the Fixture

J



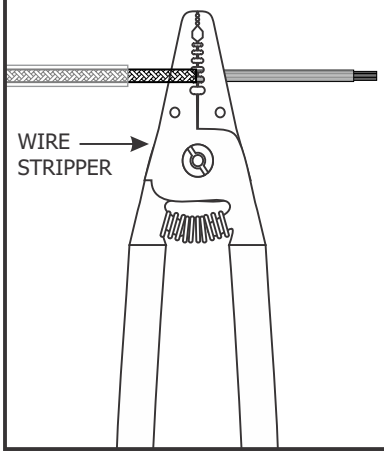


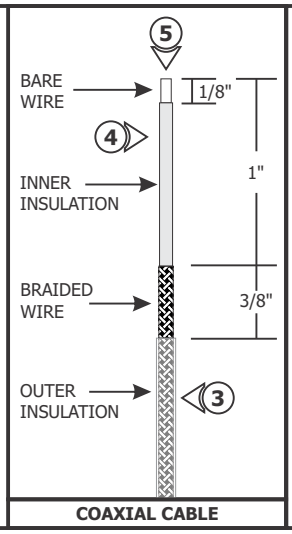
1: Push the coaxial cable through the cord grip on the canopy.

2: Adjust the fixture height by pushing the cord grip to slide the fixture up and down. Release the cord grip to lock the coaxial cable in place.

NOTE: If cable is curled or kinked, straighten by holding between the shaft of a screwdriver and thumb and pulling the cable through (see inset).

K





COAXIAL CABLE

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

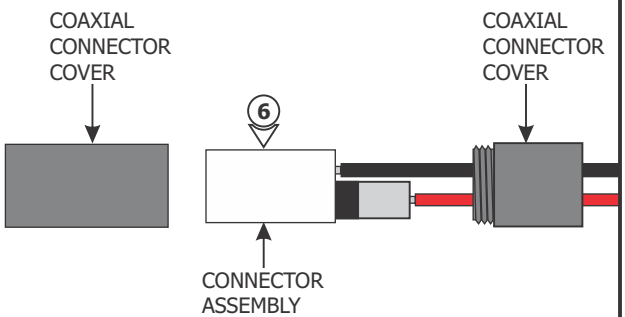
NOTE: If the wire is curled or kinked, straighten by holding between the shaft of the screwdriver and thumb and pulling the wire through (see inset).

3: Use the 18AWG hole of the wire stripper to remove 1-3/8" of the outer insulation to expose the braided wire.

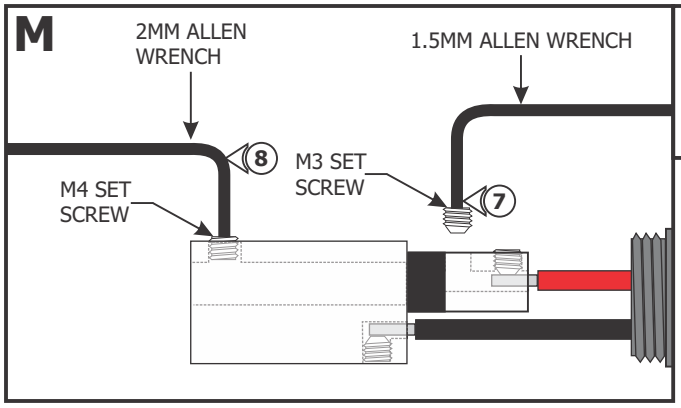
4: Use the 18AWG hole of the wire stripper to remove 1" of the braided wire making sure not to nick the inner wire insulation.

5: Use the 20AWG hole of the wire stripper to remove 1/8" of the inner insulated wire.

L

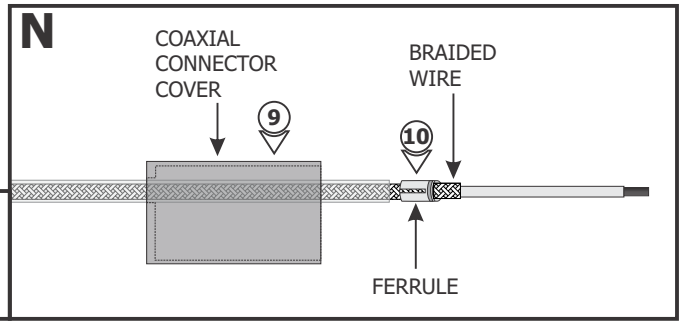


6: Unscrew the coaxial connector covers and remove from the connector assembly.



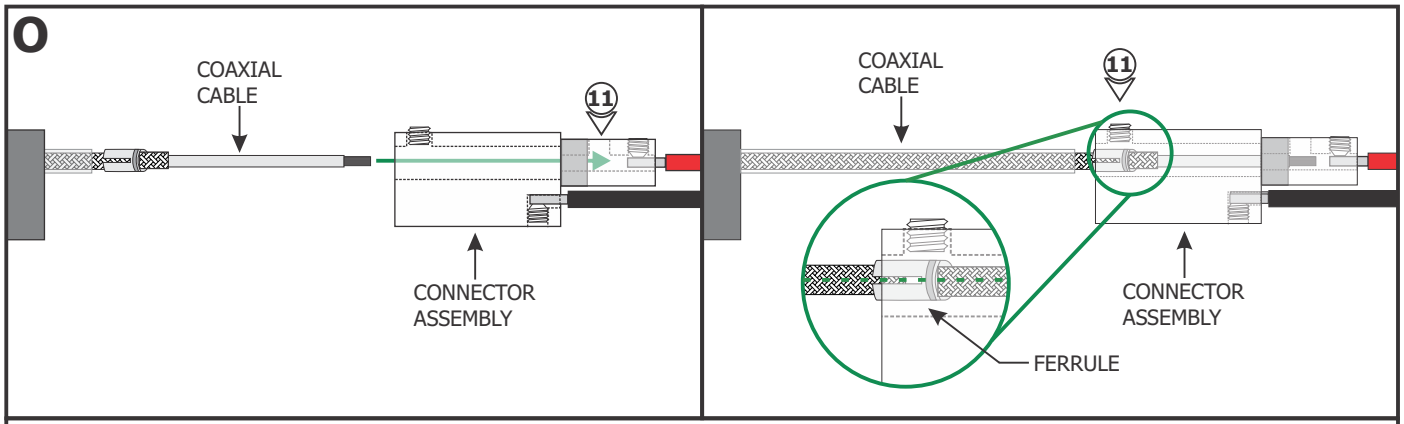
7: Using the provided 1.5mm Allen wrench, remove the M3 set screw from the coaxial connector assembly.

8 Using the provided 2mm Allen wrench to loosen (do not remove) the M4 set screw.



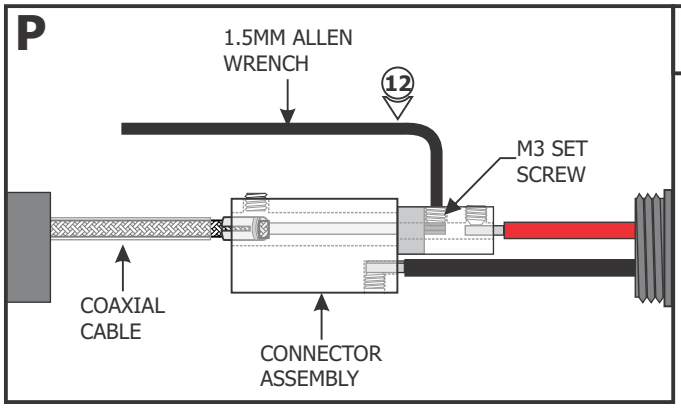
9: Slide the connector cover over the coaxial cable.

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

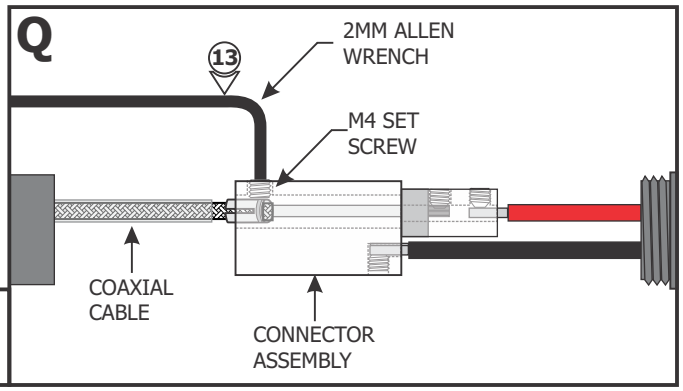


11: Insert the coaxial cable into the coaxial connector until the wires of the center conductor are visible through the M3 set screw hole.

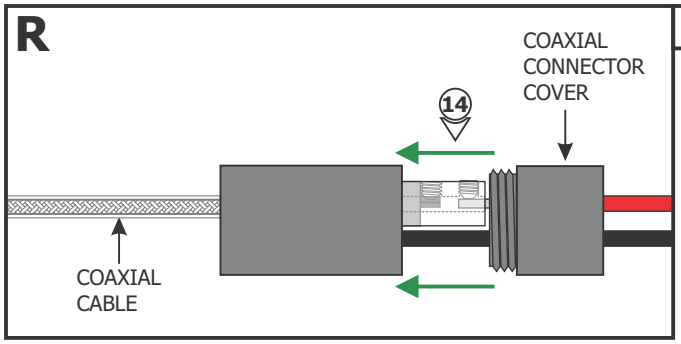
NOTE: Ensure that the split in the ferrule is aligned 90° from the M4 set screw (see inset).



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



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



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

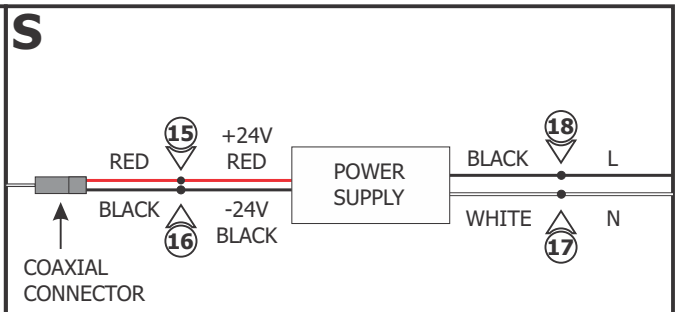
15: Connect the red wire of the coaxial connector to the low voltage +24VDC power supply wire using a wire nut.

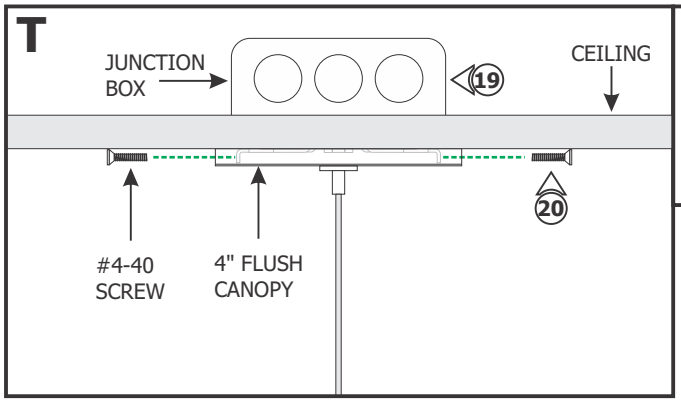
16: Connect the black wire of the coaxial connector to the low voltage -24VDC power supply wire using a wire nut.

17: Connect the 120V white wire of the power supply to the neutral power wire using a wire nut.

18: Connect the 120V black wire of the power supply to the line power wire using a wire nut.

CAUTION: Test the fixture before removing the labels.

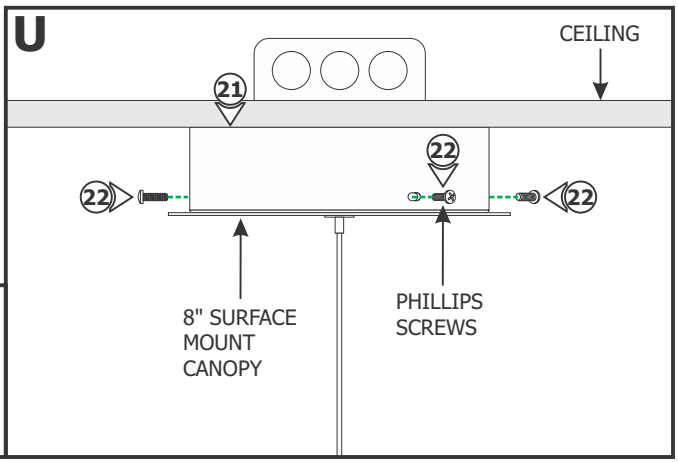




4" Flush Canopy:

19: Place all wires and wire nut connections inside the junction box.

20: Align the 4" canopy with the crossbar and secure it with the two #4-40 screws using a 1/16" Allen wrench.



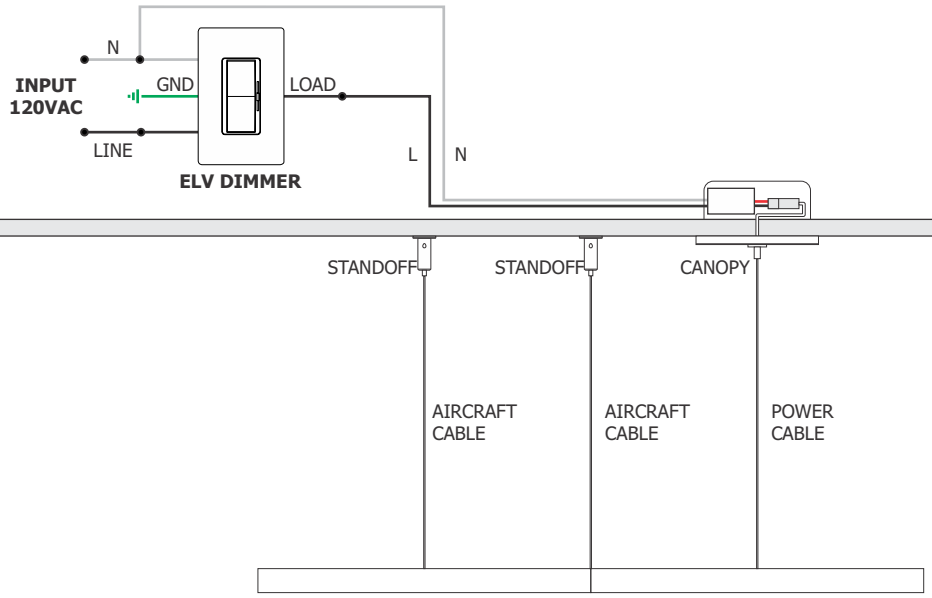
8" Surface Mount Canopy:

21: Place all wires and wire nut connections inside the canopy.

22: Align and secure the 8" Surface Mount Canopy to the mounting plate by tightening the three Phillips screws.

General Wiring Diagram

With Power



Remote Power