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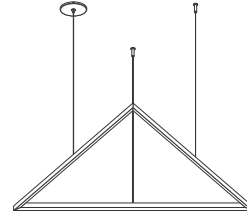
Installation Instructions for Cirrus MIYO Triangle LED Suspension with Lit Corners - End Feed, with Power and Remote Power

CSD_-T-E_-

IMPORTANT INFORMATION

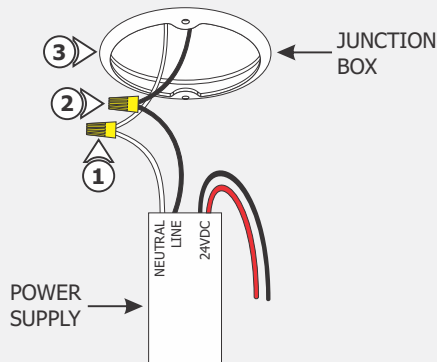
- This product is suitable for indoor locations.
- This instruction shows a typical installation.
- The fixtures with length greater than 40" for 5W and 26" for 7W will be provided with an 8" round surface mount canopy; otherwise they will come with a 4" flush canopy.
- Before beginning any electrical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

SAVE THESE INSTRUCTIONS!



Section One: 4" Flush Canopy

A



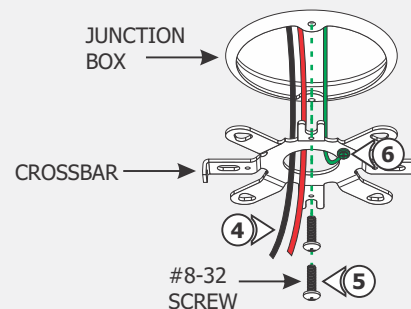
NOTE: Omit this section if using the 8" Surface Mount Canopy. Refer to Section Two.

NOTE: Omit steps 1 through 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.

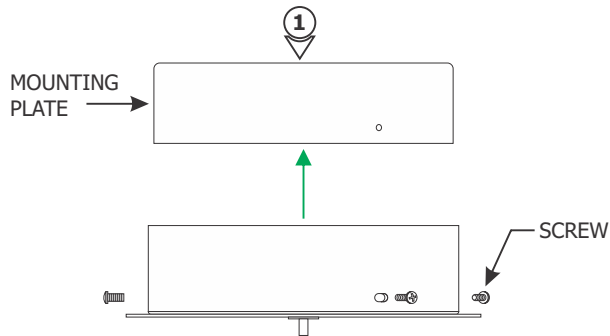
- 4:** Feed the 24VDC low voltage wires from the power supply through the center hole of the crossbar.
- 5:** Mount the crossbar to the junction box holes with two #8-32 screws.
- 6:** If applicable, make sure that the crossbar is grounded in accordance with local electrical codes.

B



Section Two: 8" Surface Mount Canopy

C

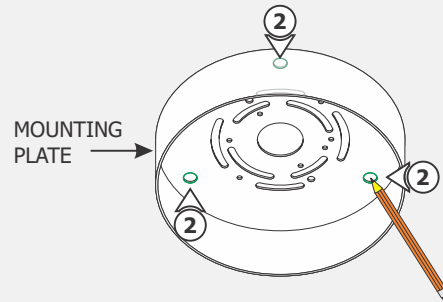


NOTE: Omit this section if using the 4" Flush Canopy.

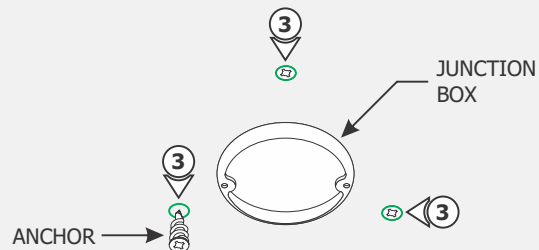
1: Remove the three Phillips screws from the canopy to remove the mounting plate.

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

D



E

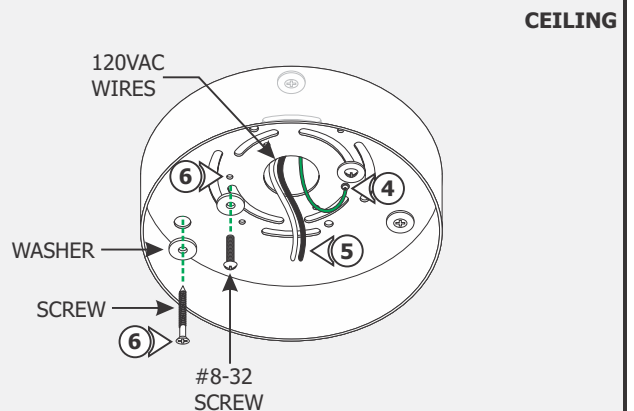


NOTE: Step 3 is for drywall mounting. Omit this step if mounting directly to wood surface.

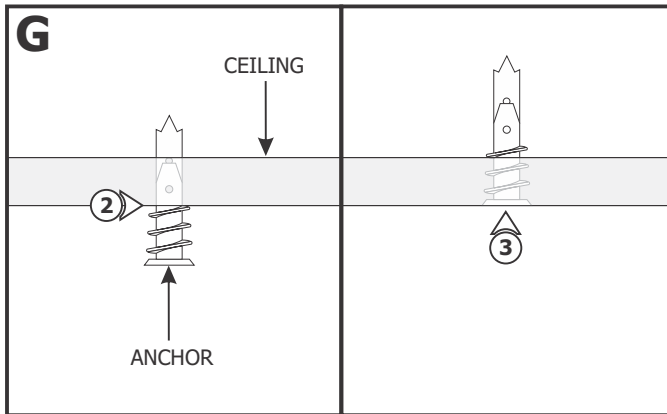
3: Tap the anchors onto the marked points up to the threaded portion with a hammer. Then screw in the threaded portion with a Phillips screw driver.

- 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.

F



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.

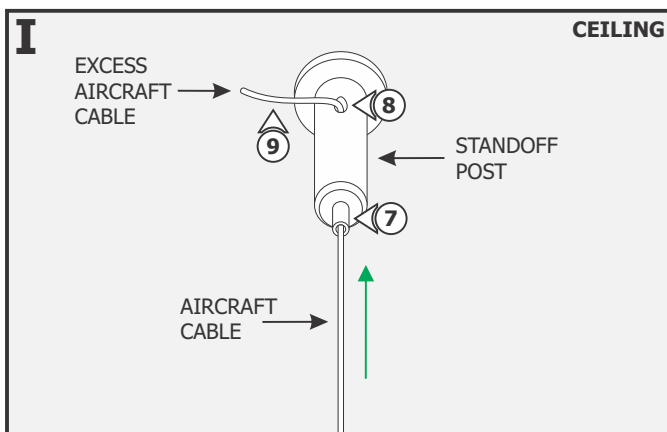
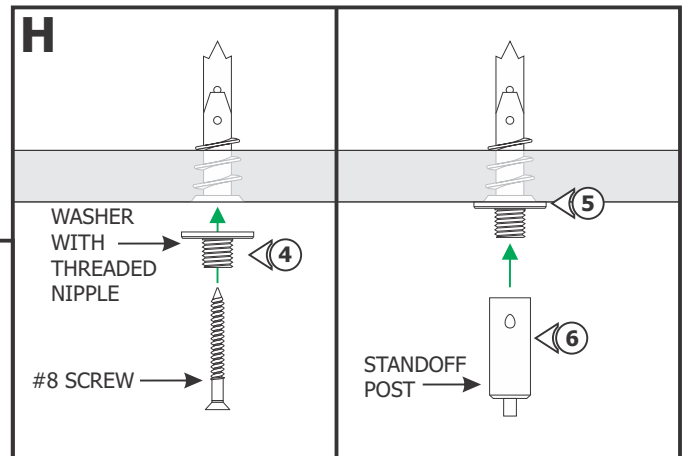
2: For each provided standoff, tap the anchor onto the marked location up to the threaded portion with a hammer.

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

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).

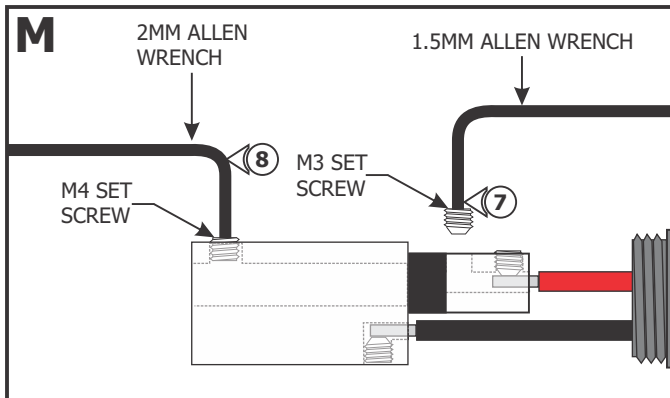
3: Use the 18AWG hole of the wire stripper to remove 1-3/8" of the outer insulation to expose the braided wire.

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.

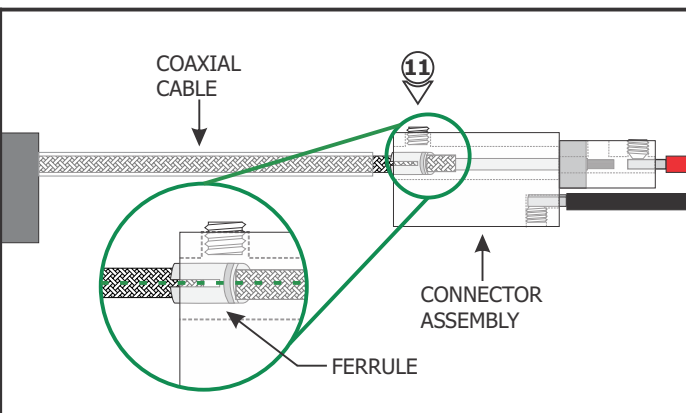
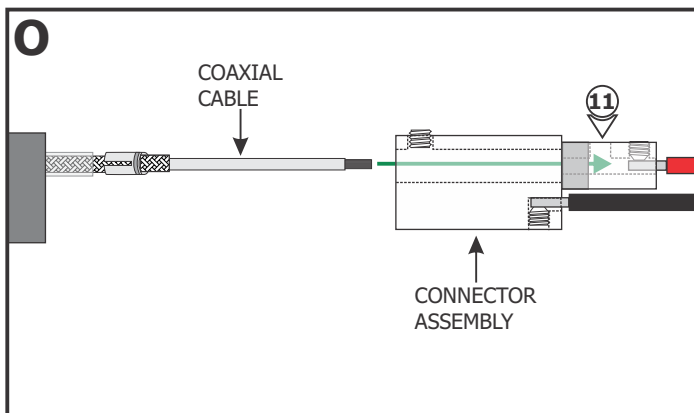
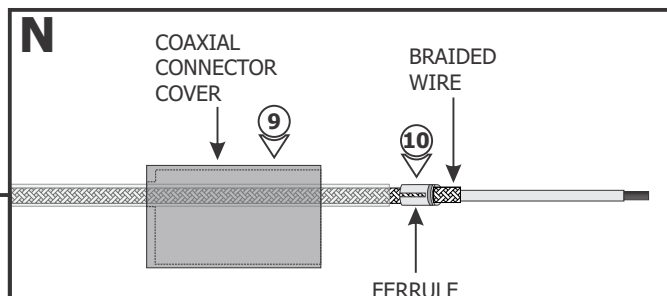


7: Using the provided 1.5mm Allen wrench, remove the M3 set screw from the coaxial connector assembly.

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

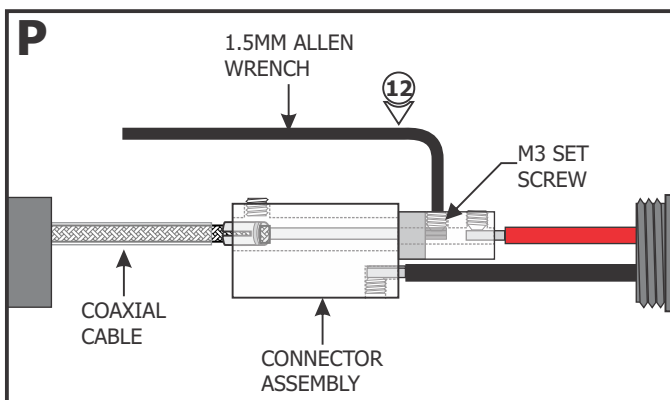
9: Slide the connector cover over the coaxial cable.

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



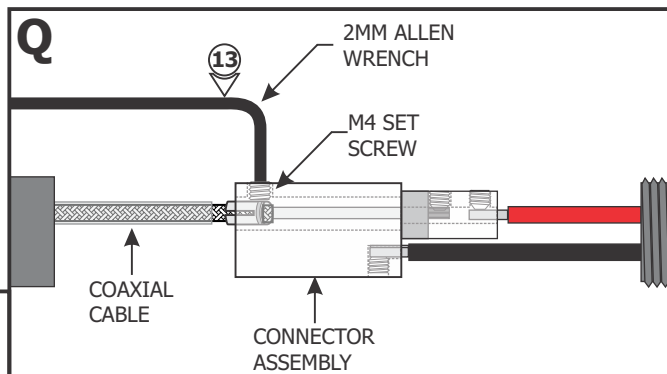
11: Insert the coaxial cable into the coaxial connector until the wires of the center conductor are visible through the M3 set screw hole.

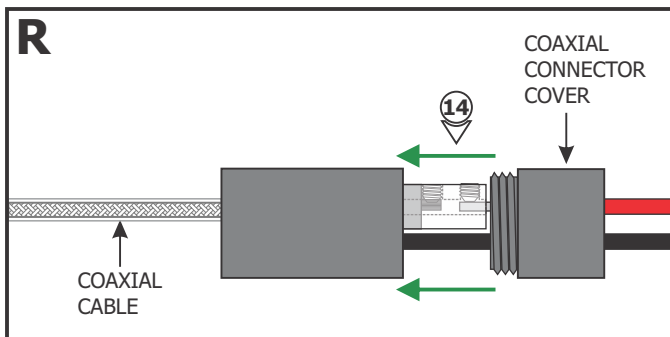
NOTE: Ensure that the split in the ferrule is aligned 90° from the M4 set screw (see inset).



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.

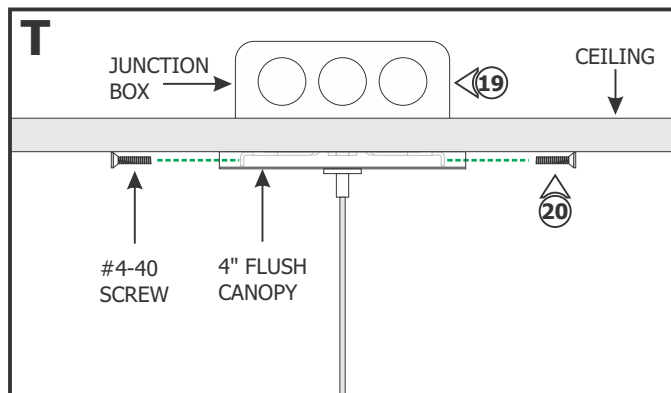
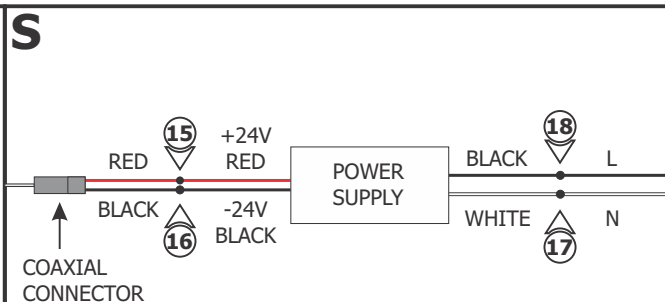




14: Replace the coaxial connector cover and tighten into place.

- 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:

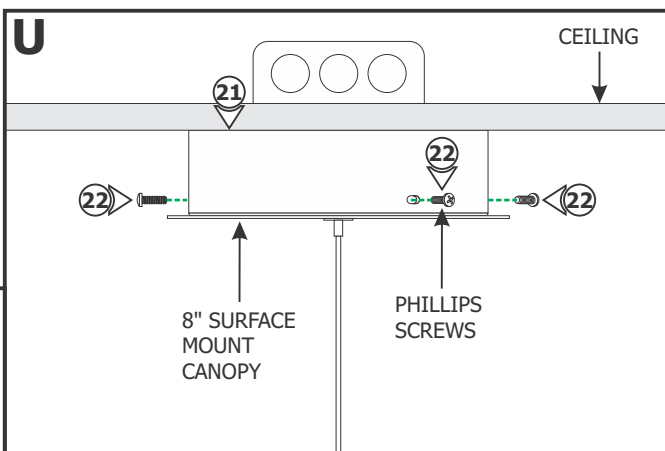
19: Place all wires and wire nut connections inside the junction box.

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.



With Power

This diagram illustrates the electrical connections for an ELV dimmer system when it is powered. The system is divided into two main sections by a horizontal line representing the aircraft structure.

Top Section (Electrical Components):

- INPUT 120VAC:** The power source, with terminals for **N** (Neutral), **GND** (Ground), and **LINE**.
- ELV DIMMER:** A rectangular component with a switch symbol inside. It has terminals for **N**, **GND**, **LOAD**, **L** (Line), and **N** (Neutral).
- Wiring:** The **LOAD** terminal of the dimmer is connected to the **L** terminal, which then connects to the **N** terminal. The **N** terminal is also connected to the **N** terminal of the input.

Bottom Section (Cables and Connectors):

- STANDOFF:** Two vertical lines represent the standoff structure.
- AIRCRAFT CABLE:** Two vertical lines represent the aircraft cables.
- CANOPY:** A horizontal line represents the canopy structure.
- POWER CABLE:** A vertical line represents the power cable.

The diagram shows the physical layout of the cables and connectors, with the **STANDOFF** and **AIRCRAFT CABLE** labels positioned between the two main sections.

Remote Power

The diagram illustrates the remote power connection for a Uni Power Supply. The input is 120-277 VAC, with lines labeled N (Neutral) and L (Line). A ground connection (GND) is shown. The Uni Power Supply is connected to the input lines. The output of the supply is labeled RD (+24VDC) and BK (-24VDC). The RD line is connected to the positive terminal of the power cable, and the BK line is connected to the negative terminal. The power cable is shown with a canopy and is connected to the aircraft cable. The aircraft cable is connected to the aircraft structure. The power cable is also connected to the aircraft structure via a canopy. The diagram includes labels for STANDOFF, AIRCRAFT CABLE, and POWER CABLE.

INPUT 120-277 VAC

N

L

GND

UNI POWER SUPPLY

0-10V WIRES IF NEEDED

RD (+24VDC)

BK (-24VDC)

BK RD

STANDOFF

STANDOFF

CANOPY

AIRCRAFT CABLE

AIRCRAFT CABLE

POWER CABLE