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Installation Instructions for Pipeline Vertex Suspension with Remote Power and 4" Canopy - End Feed

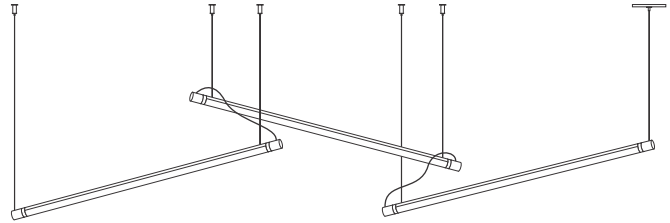
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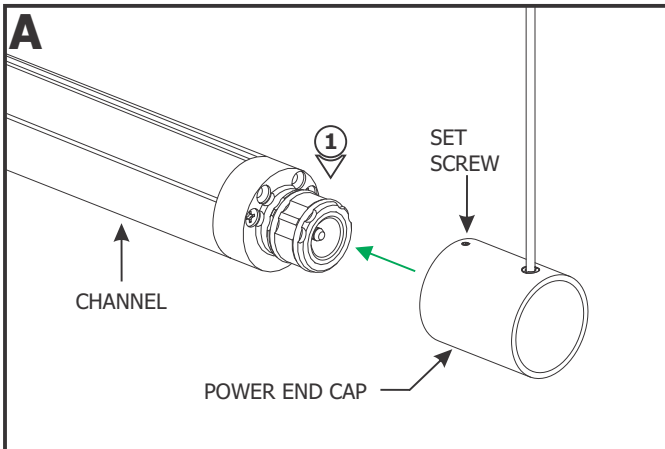
IMPORTANT INFORMATION

- This instruction shows a typical installation.
- It is recommended more than one person to assist in this installation.
- PSV3R shown for demonstration purposes.
- Before beginning any electrical work, ensure that power to the electrical box is turned **OFF**.

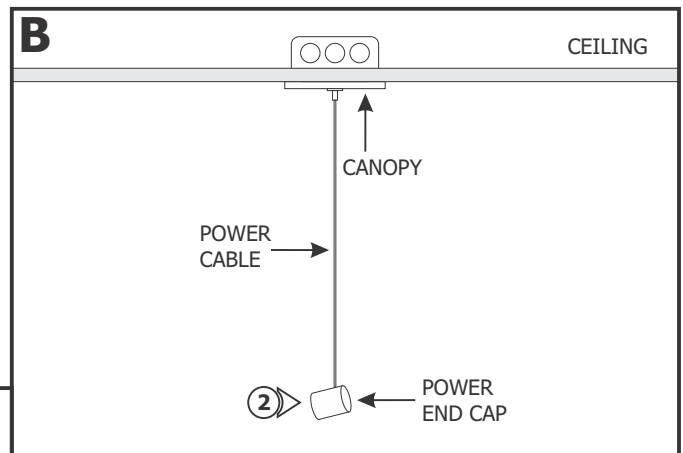
SAVE THESE INSTRUCTIONS!



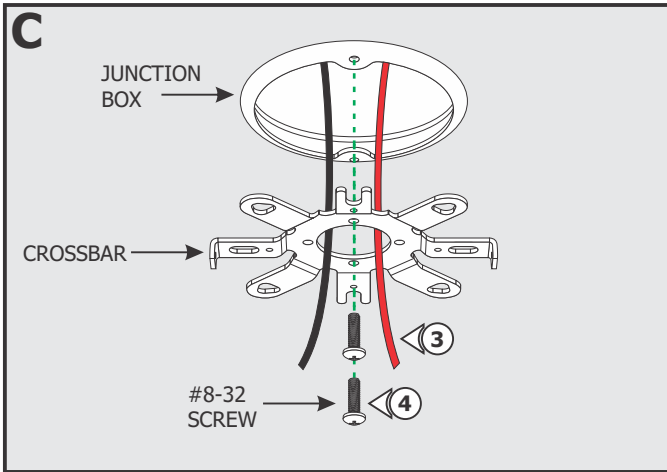
Section One: Install the End Cap



1: If pre-installed, loosen (**Do Not Remove**) the #4-40 set screw on the end caps and remove from the channels.



2: Begin with installing the Power End Cap and canopy by follow steps 3 through 22.



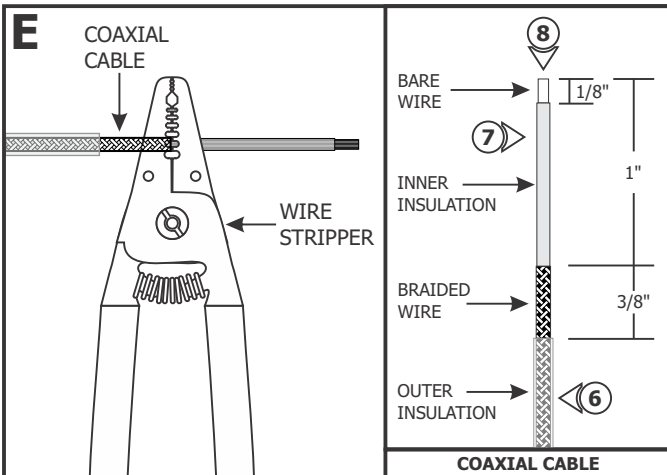
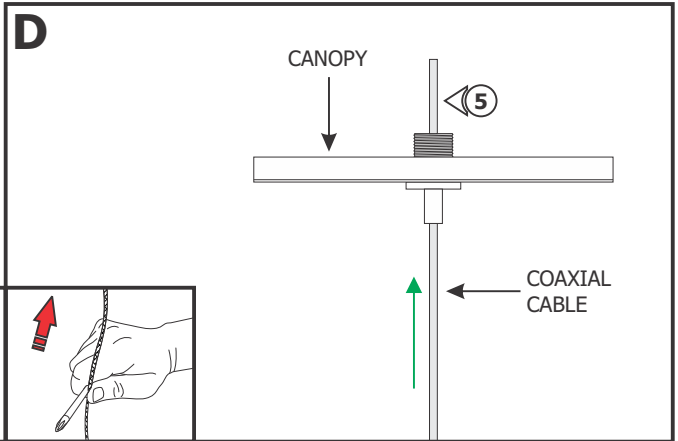
NOTE: Ensure remote power supply wires are present in the junction box. Refer to instructions provided with the power supply.

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

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

5: Feed the coaxial cable through the canopy.

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).



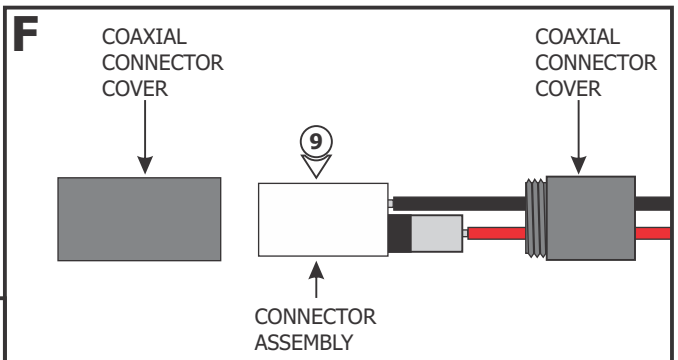
NOTE: Scan the QR Code to watch the video clip of the following steps or visit www.PureEdgeLighting.com/video_feed/installation_cxc_connector

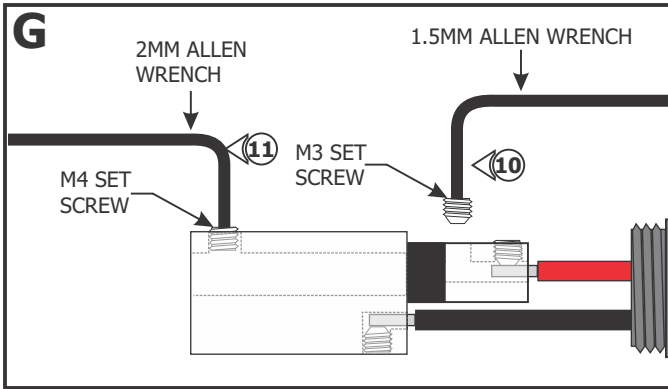
6: Use the 18AWG hole of the wire stripper to remove 1-3/8" of the outer insulation to expose the braided wire.

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

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

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



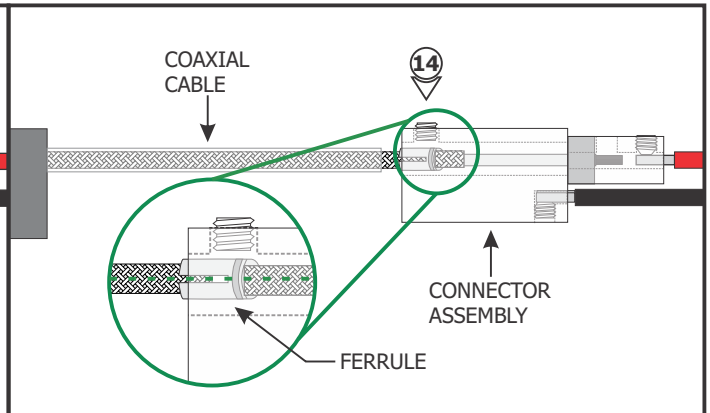
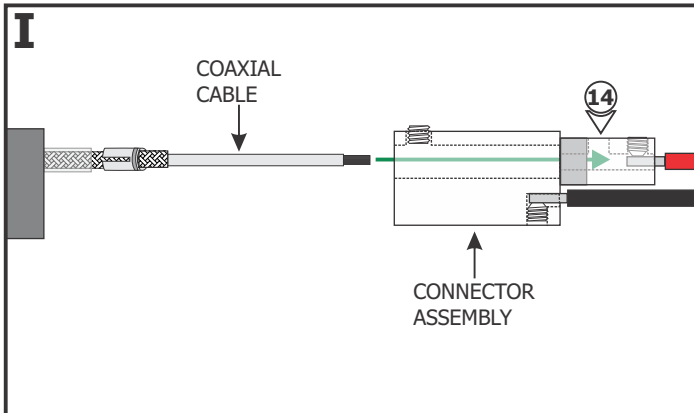
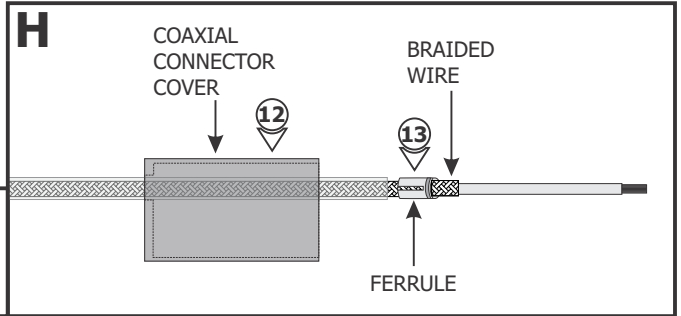


10: Using the provided 1.5mm Allen wrench, remove the M3 set screw from the coaxial connector assembly.

11: Using the provided 2mm Allen wrench to loosen (**Do Not Remove**) the M4 set screw.

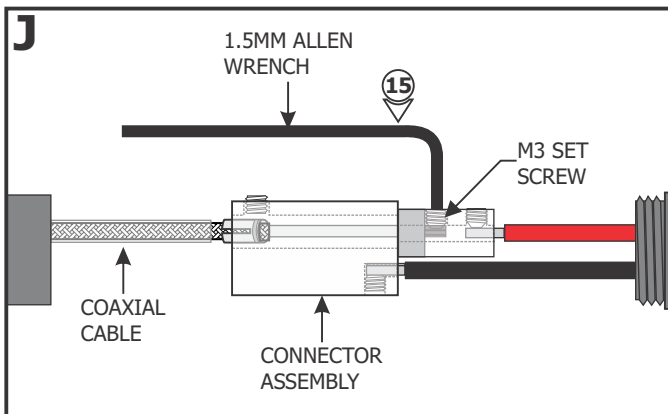
12: Slide the connector cover over the coaxial cable.

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

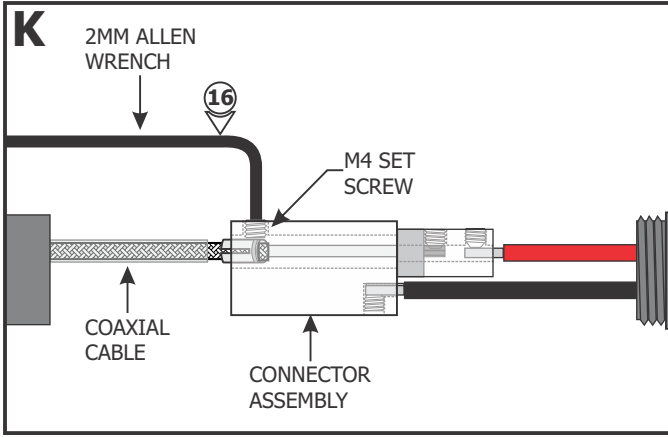


14: Insert the coaxial cable into the coaxial connector until the wires of the center conductor are visible through the M3 set screw hole.

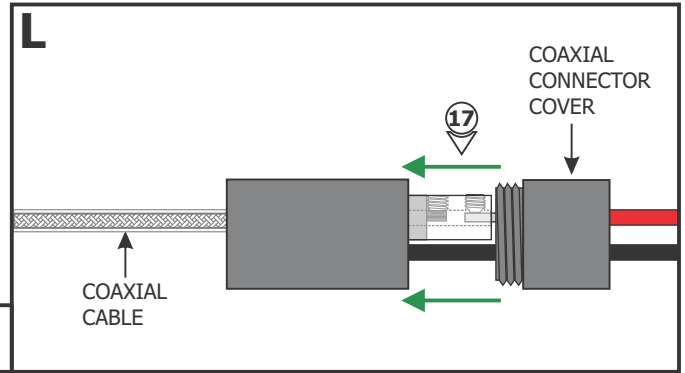
NOTE: Ensure that the split in the ferrule is aligned 90° from the M4 set screw (see inset).



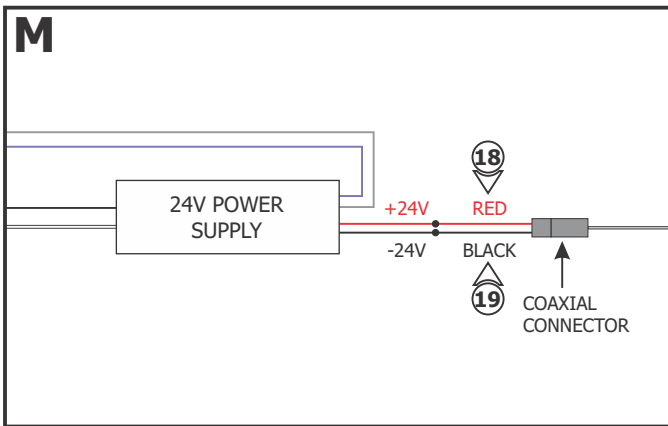
15: Use the provided 1.5mm Allen wrench to replace and securely tighten the M3 set screw.



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



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



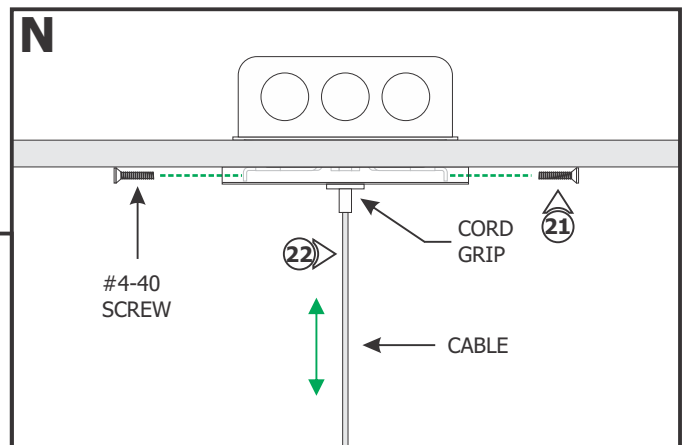
18: Connect the red coaxial connector wire to the +24VDC power supply wire using a wire nut.

19: Connect the black coaxial connector wire to the -24VDC power supply wire using a wire nut.

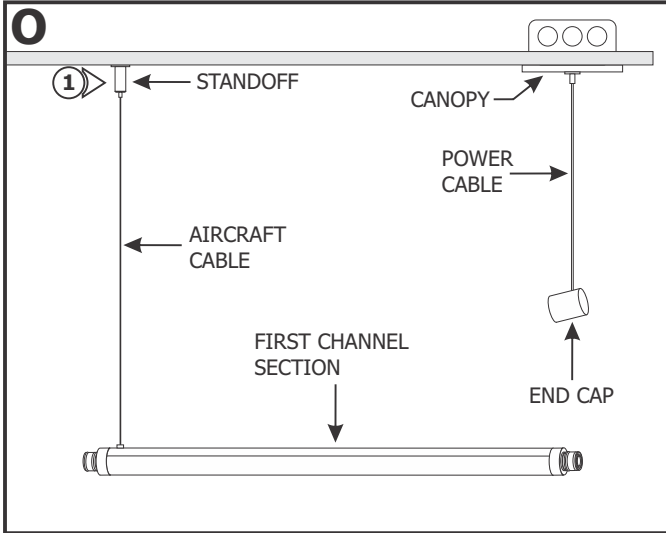
20: Place all connections inside the junction box.

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

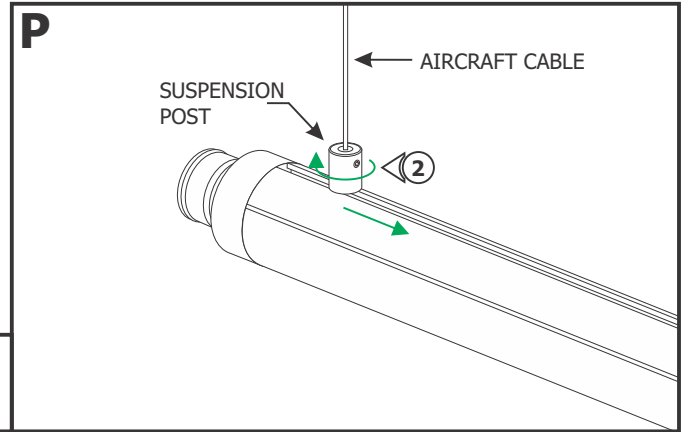
22: Adjust the fixture height by pushing the cord grip to slide the connector up and down until the desired height is achieved. Release the tab to lock the coaxial cable in place. Stagger the height of the connector if needed.



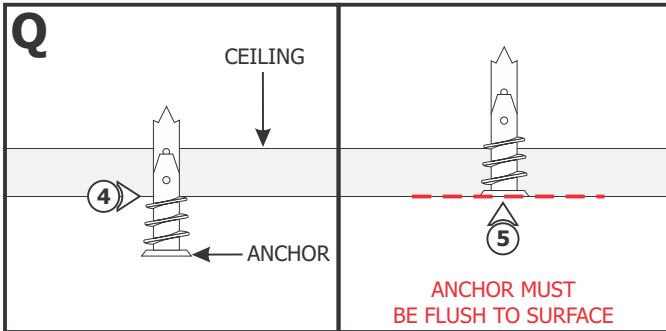
Section Two: Install the Support Standoffs



1: Install the support standoff for the first channel section.



2: If necessary, adjust the position of the suspension post by loosening (**Do Not Remove**) the post and sliding it across the channel. Tighten the post to secure in place.



3: Determine the location of the standoff. Mark this location on the ceiling (a laser alignment device might be useful).

NOTE: Steps 4 and 5 are for drywall mounting. Omit these steps if mounting directly to a wood surface.

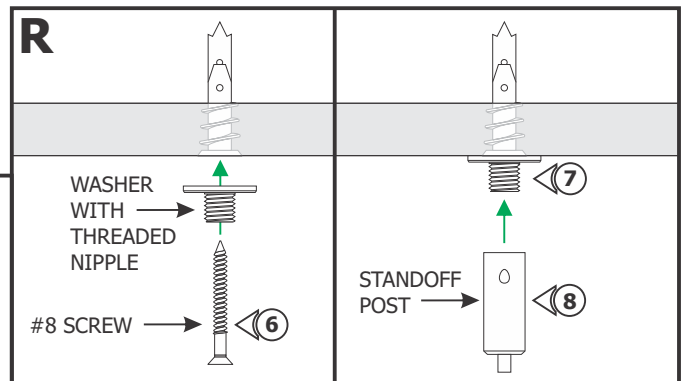
4: Tap the anchor onto the marked point up to the threaded portion with a hammer.

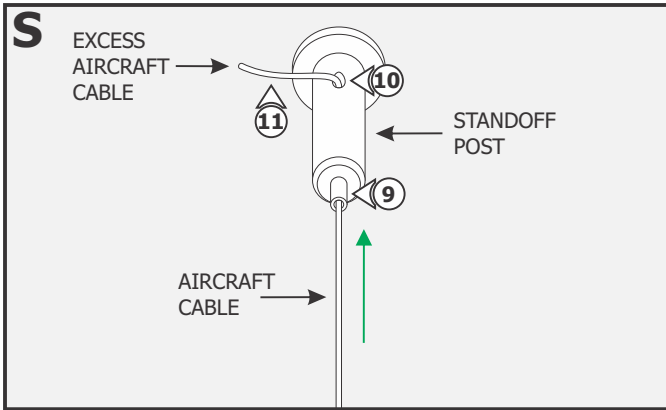
5: Screw in the threaded portion of the anchor with a Phillips screwdriver.

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

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

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

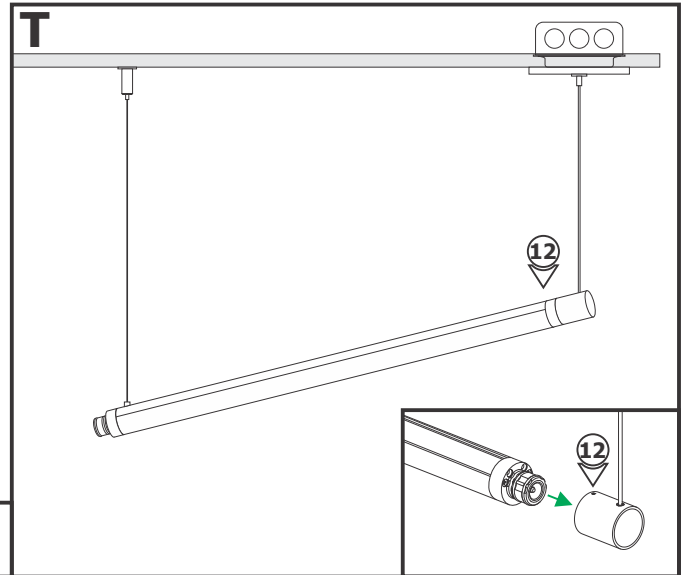




9: Feed the aircraft cable coming from the channel through the standoff post.

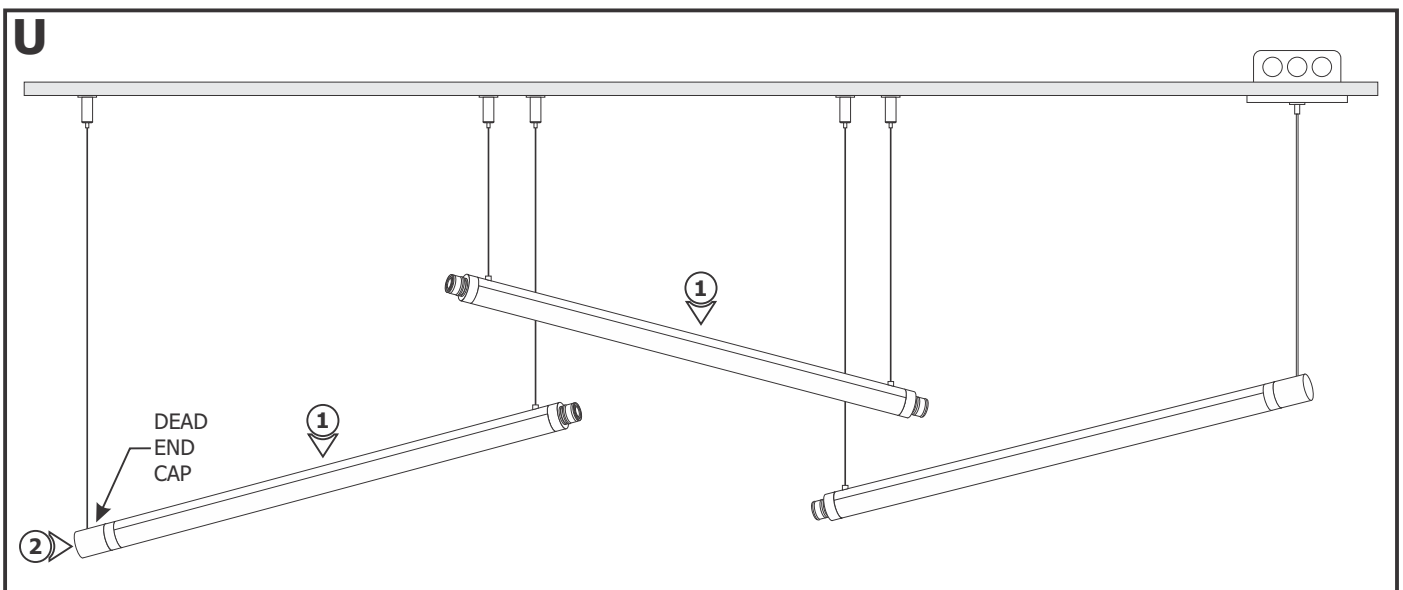
10: Adjust the fixture height by pushing the tab and pulling the aircraft cable out of the side of the standoff post. Release the tab to secure the cable in place. Stagger the height of the channel if needed.

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



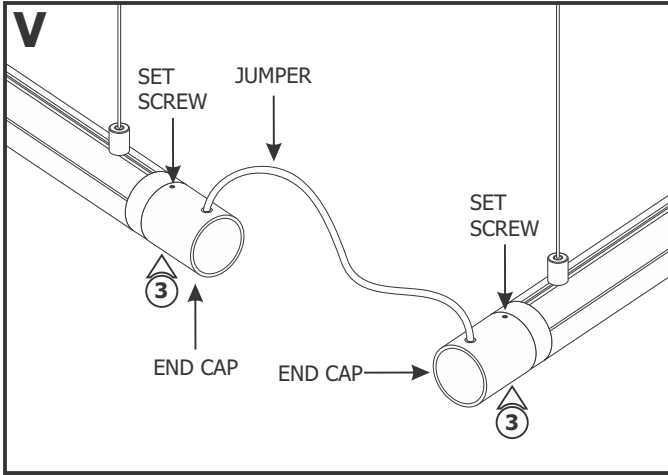
12: Push the channel into the end cap and tighten the #4-40 set screw using a 0.05" Allen wrench.

Section Three: Install and Connect the Remaining Channel Sections



1: Repeat steps 2 through 11 in Section Two to install the support standoffs for each channel section and dead end cap.

2: Repeat step 12 in Section Two to install the channel to the dead end cap at the end of the installation.



3: Re-install the jumper end caps to the channels. Tighten the set screws to secure in place.

General Wiring Diagram

