



1718 W. Fullerton Chicago, IL 60614  
 Ph: 773.770.1195 • Fax: 773.935.5613  
 www.PureEdgeLighting.com • info@PureEdgeLighting.com  
 © 2016 PureEdge Lighting. All Rights Reserved.

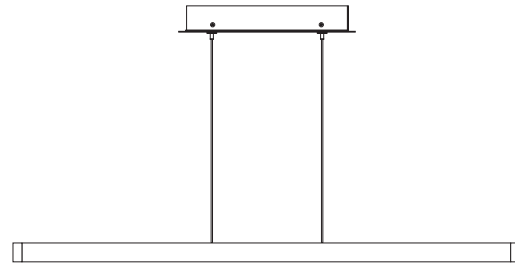
## Installation Instructions for Nova Suspension Downlight with Power, Center Feed

NS\_P-C\_ \_

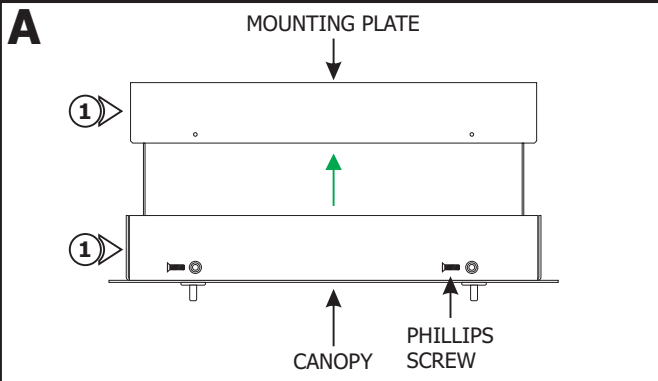
### IMPORTANT INFORMATION

- This product is suitable for indoor locations.
- This instruction shows a typical installation.
- Additional aircraft cables are included for support when the fixture lengths are 84 inches and longer.
- This product must be installed by a qualified electrician and in accordance with local electrical codes.

**SAVE THESE INSTRUCTIONS!**

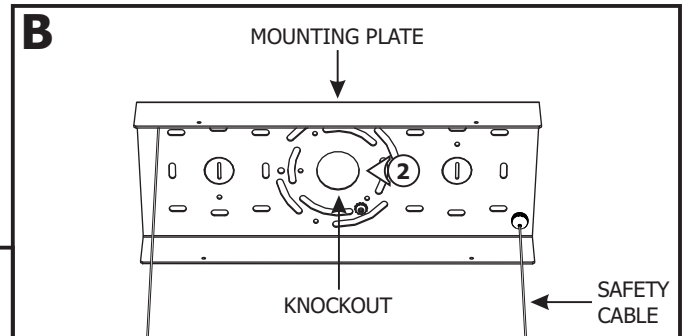


### Section One: Install the Canopy

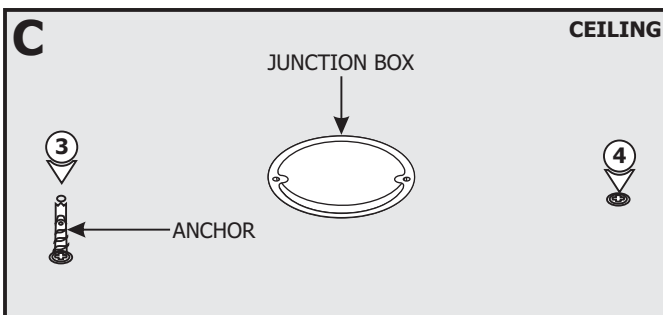


**1:** Remove the four Phillips screws from the canopy to remove the mounting plate.

**NOTE:** It is recommended more than one person to assist in this installation.



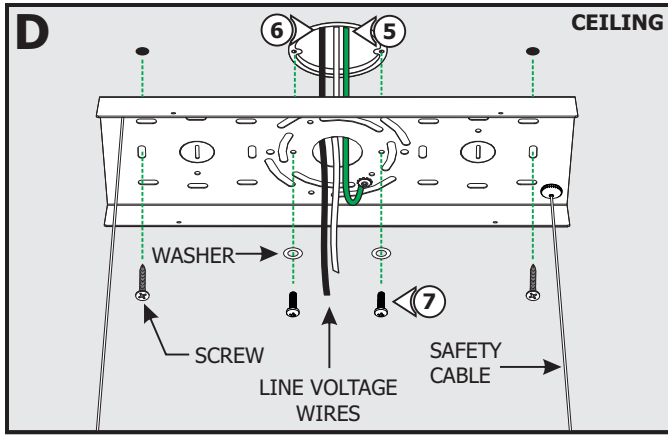
**2:** Select the appropriate knockout on the mounting plate and remove it using a flathead screwdriver or other appropriate tool.



**3:** Align the mounting plate holes with the junction box. Mark one point on each side of the junction box onto the ceiling.

**NOTE:** Step 4 is for drywall mounting. Omit this step if mounting directly onto a wood surface.

**4:** 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.

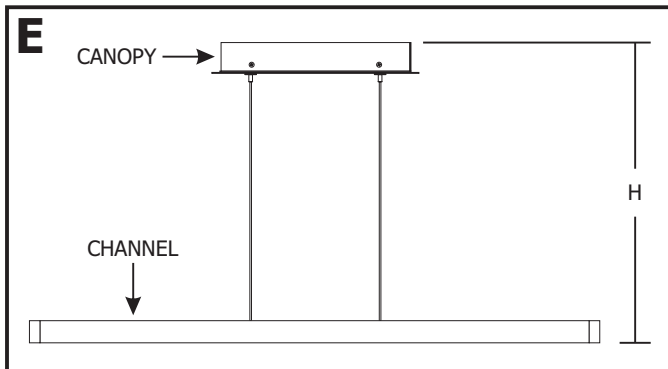


**5:** Make sure the mounting plate is grounded in accordance with local electrical codes.

**6:** Feed the line voltage wires through the mounting plate knockout.

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

## Section Two: Power the Fixture



**1:** Determine the fixture height (H), from the bottom of the channel to the top of the canopy.

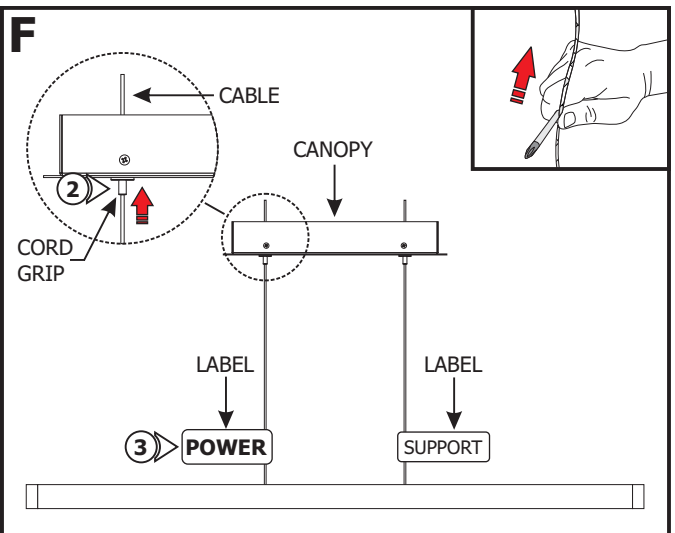
**NOTE:** Cord grips hold the fixture weight only. **DO NOT** pull on the fixture during installation or cleaning which may cause the **power wires to nick and short.**

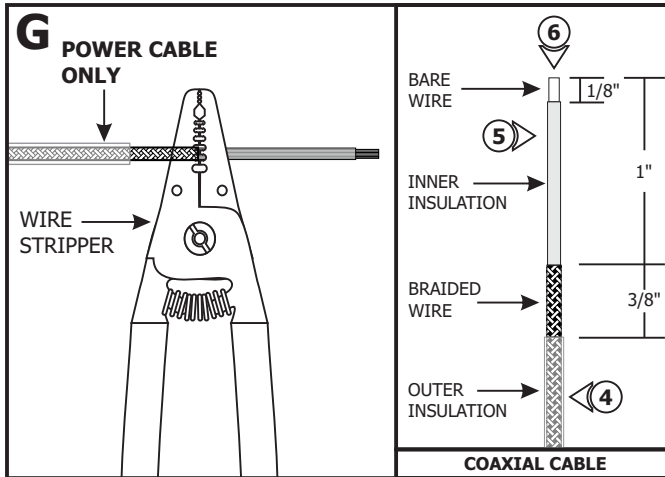
**NOTE:** If cable is curled or kinked, straighten by holding between the shaft of a screwdriver and thumb and pulling the cable through.

**2:** Push each cable through the cord grips on the canopy. Adjust the fixture height by pushing the cord grip tab to slide the fixture up and down. Release the cord grip tab to lock the cable in place.

**3:** Identify the power cable which is marked with a **"POWER"** label.

**NOTE:** The cable with a **"SUPPORT"** label is for support only. **DO NOT** strip and power the support cable.



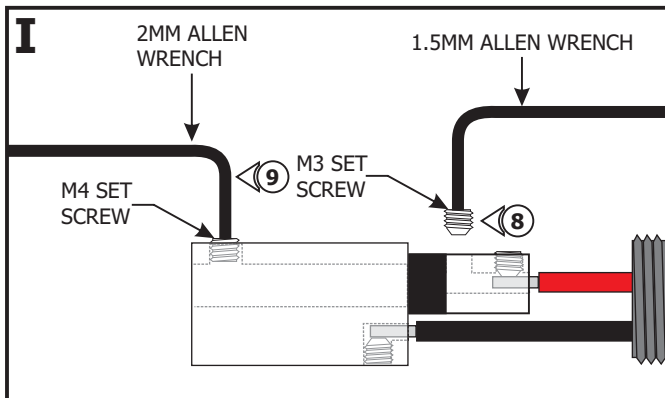
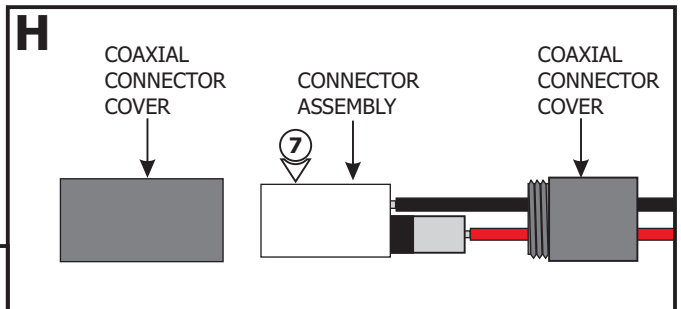


**NOTE:** Scan the QR Code to watch the video clip of the following steps or visit [www.PureEdgeLighting.com/video\\_feed/installation\\_cxc\\_connector](http://www.PureEdgeLighting.com/video_feed/installation_cxc_connector)

**NOTE:** Steps 4 through 15 are for the "POWER" cable only.

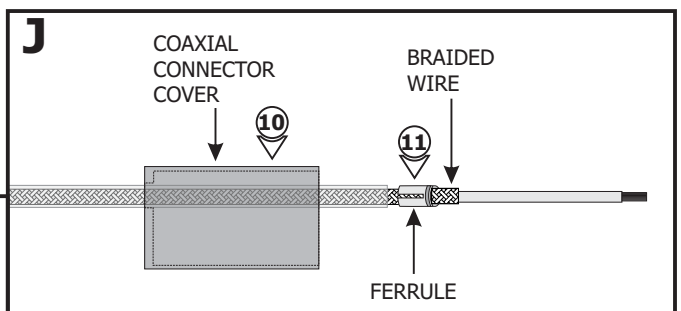
- 4:** Use the 18AWG hole of the wire stripper to remove 1-3/8" of the outer insulation to expose the braided wire.
- 5:** Use the 18AWG hole of the wire stripper to remove 1" of the braided wire making sure not to nick the inner wire insulation.
- 6:** Use the 20AWG hole of the wire stripper to remove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

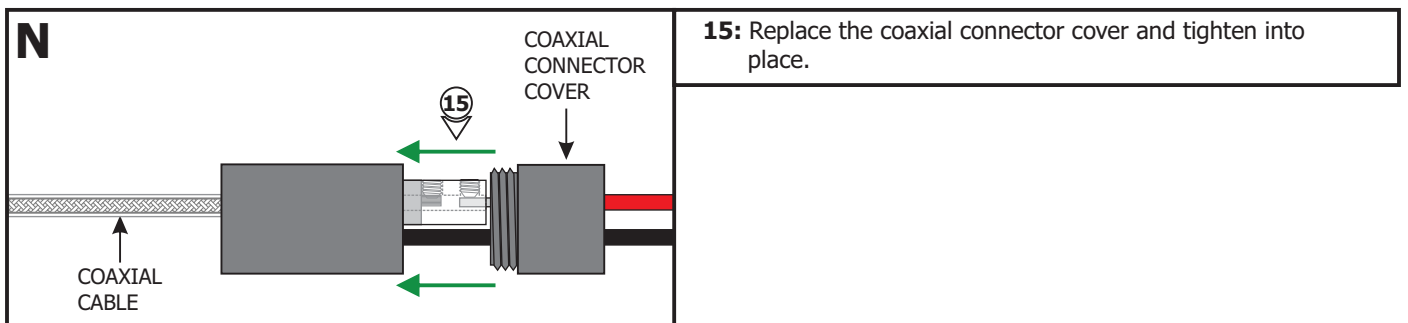
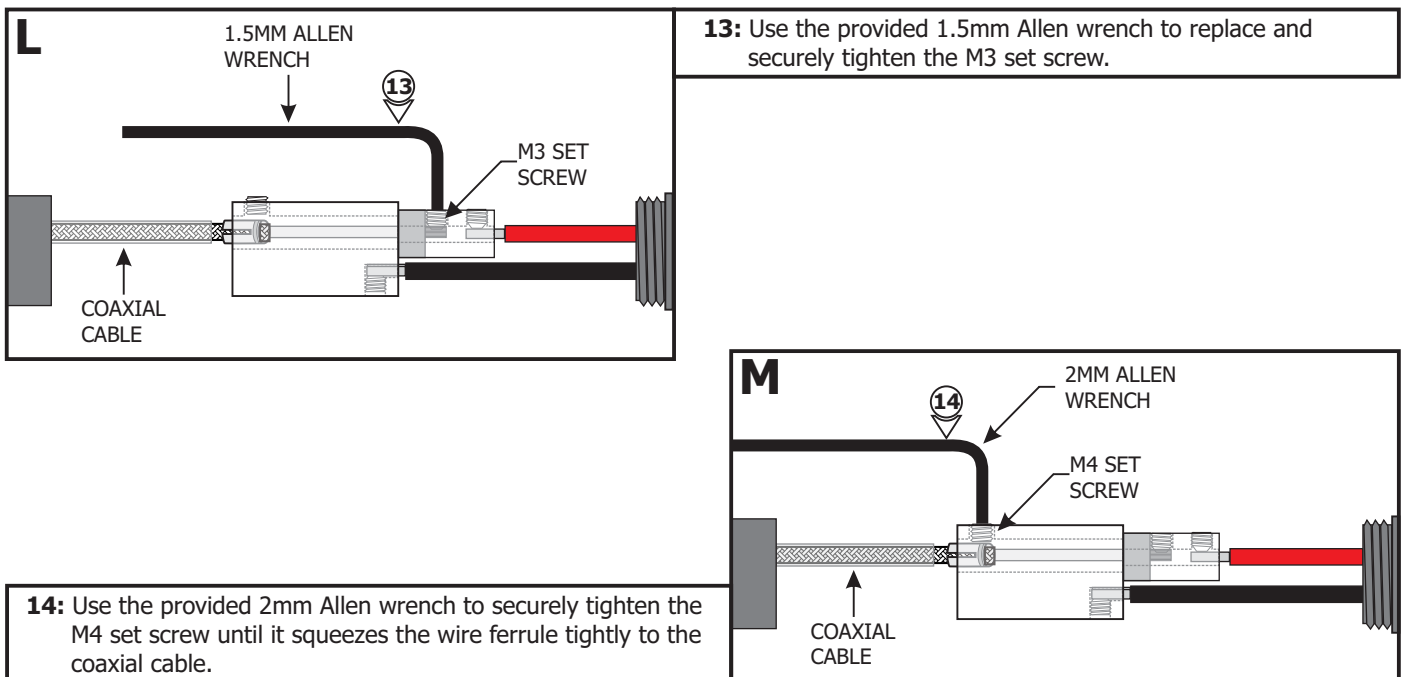
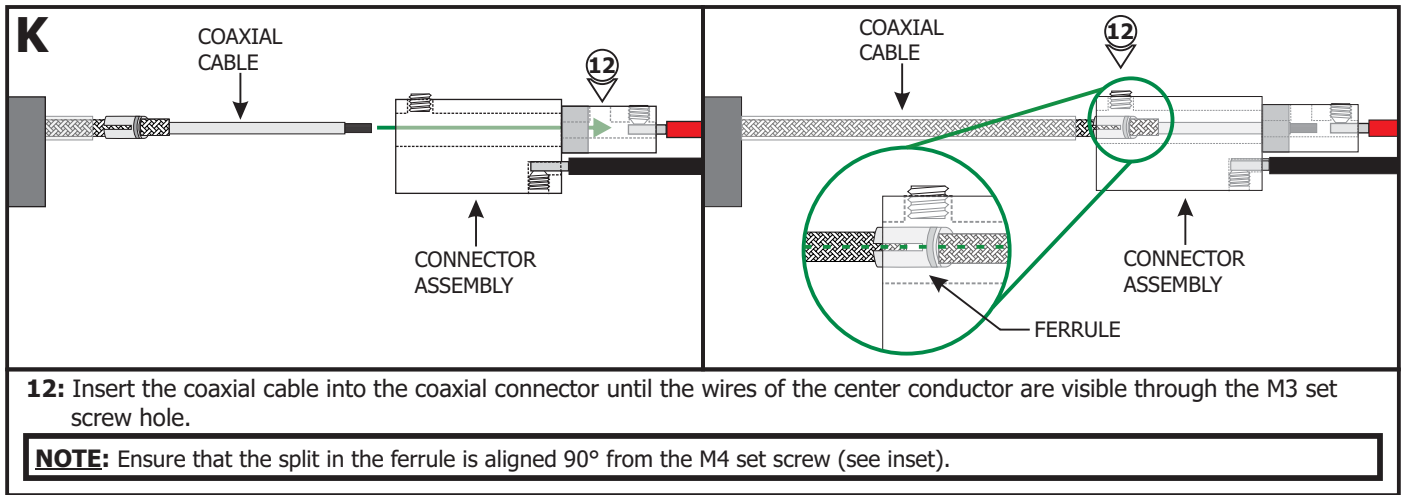
**7:** Unscrew the coaxial connector covers and remove from the connector assembly.



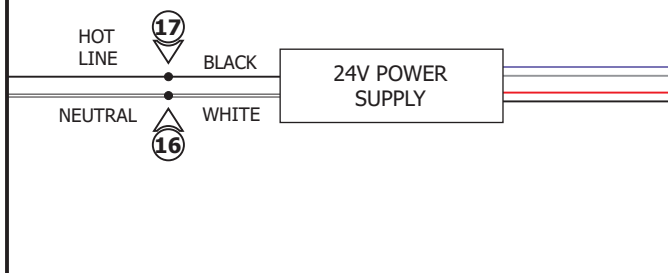
- 8:** Using the provided 1.5mm Allen wrench, remove the M3 set screw from the coaxial connector assembly.
- 9:** Using the provided 2mm Allen wrench to loosen (do not remove) the M4 set screw.

- 10:** Slide the connector cover over the coaxial cable.
- 11:** Place the ferrule over the 3/8" braided wire of the coaxial cable.





**O**



**16:** Connect the neutral wire to the white wire of the power supply using a wire nut.

**17:** Connect the hot line to the black wire of the power supply using a wire nut.

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

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

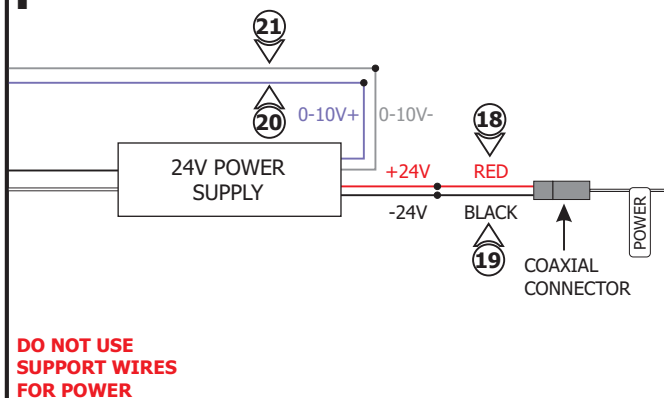
**NOTE:** For ELV dimming, Triac or no dimming option, cap the 0-10V wire ends with wire nuts. 0-10V wires are not used.

**20:** Connect the 0-10V+ purple wire of the power supply to the 0-10V+ wire of the dimmer/switch with a wire nut.

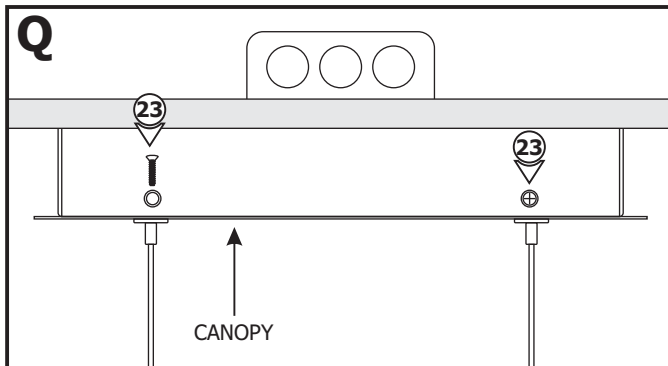
**21:** Connect the 0-10V- gray wire of the power supply to the 0-10V- wire of the dimmer/switch with a wire nut.

**CAUTION:** Test the fixture before removing the labels.

**P**



**Q**

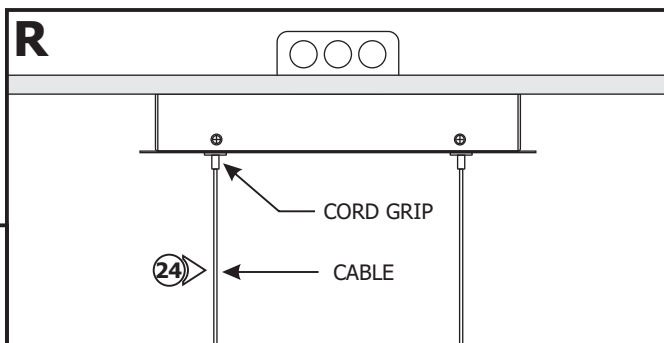


**22:** Place all the wires and wire nut connections inside the canopy.

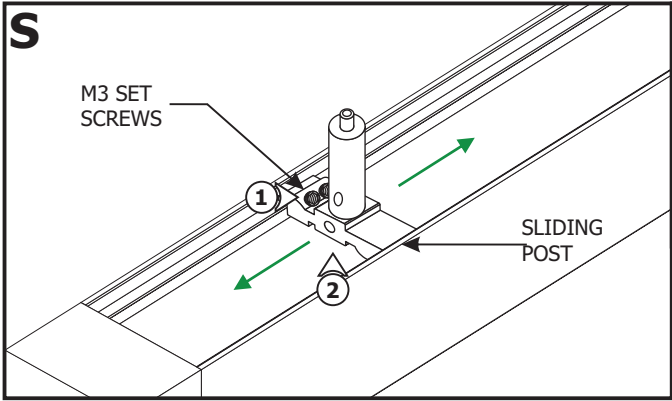
**23:** Align and secure the canopy to the mounting plate by tightening the four screws.

**24:** To make any adjustments to the fixture height, push the cord grips to slide the fixture up and down until the desired height is achieved. Release the cord grips to lock the cables in place.

**R**

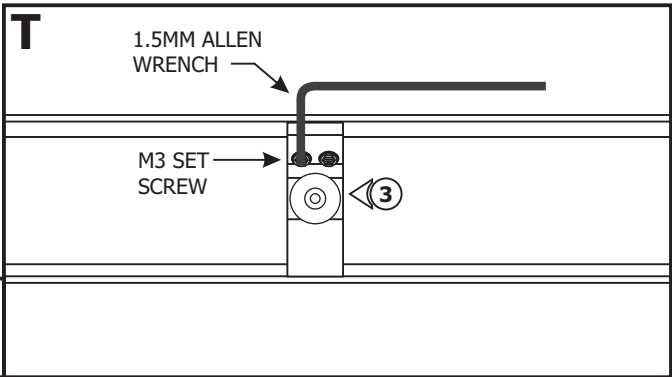


### Section Three: Install Additional Support

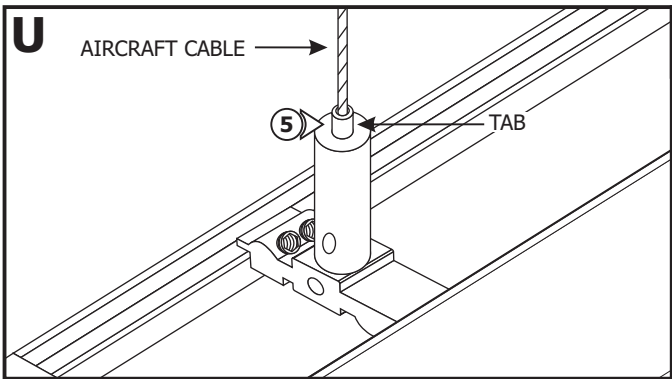


**NOTE:** Follow these steps if the Nova fixture (84 inches or longer) is provided with additional supports.

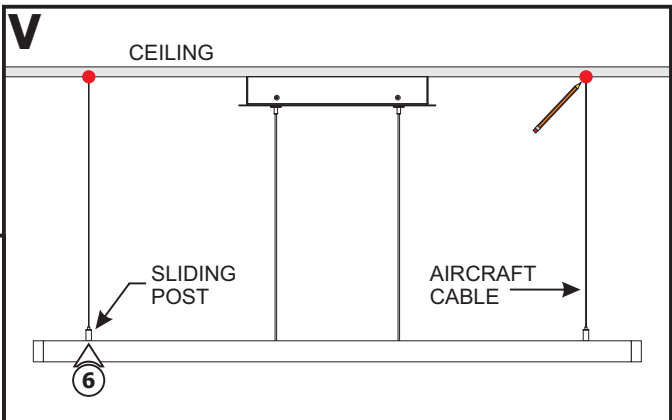
- 1:** Loosen (**Do Not Remove**) the two M3 set screws on the sliding post with a 1.5mm Allen wrench.
- 2:** Adjust the position by moving the sliding post across the channel.



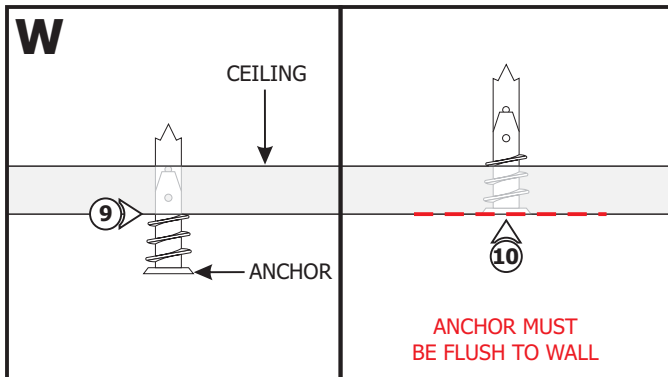
- 3:** Tighten the two M3 set screws.
- 4:** Repeat steps 1 through 3 for the remaining sliding posts.



- 5:** Insert the aircraft cable through the top of the tab on the sliding post.



- 6:** Lift the other end of the aircraft cable against the ceiling to mark the location of the standoff.
- 7:** Push the tab on the sliding post to remove the aircraft cable.
- 8:** Repeat steps 5 through 7 for the other sliding post.



**NOTE:** Steps 9 and 10 are for drywall mounting. Omit these steps if mounting to a wood surface directly.

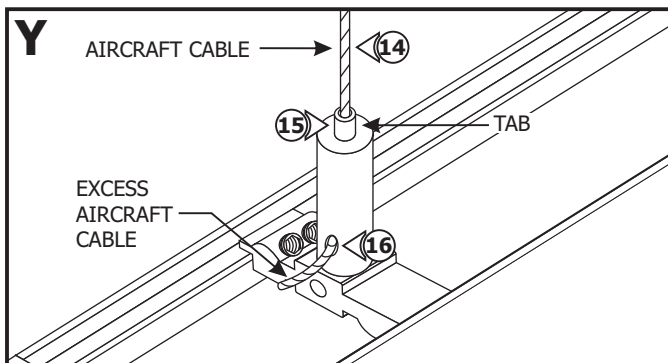
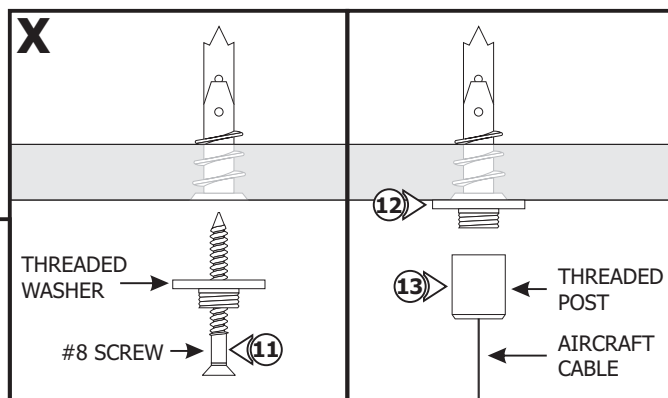
**9:** Tap the anchors onto the marked locations up to the threaded portion with a hammer.

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

**11:** Feed the #8 screw through the threaded washer.

**12:** Tighten the #8 screw completely into the anchor.

**13:** Feed the aircraft cable through the threaded post. Tighten the threaded post completely onto the threaded washer.



**14:** For each standoff, insert the aircraft cable through the top of the tab on the sliding post.

**15:** Adjust the height of the fixture by pushing the tab and pulling the aircraft cable out of the side of the sliding post. Release the tab to secure the cable in place.

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

# General Wiring Diagrams

