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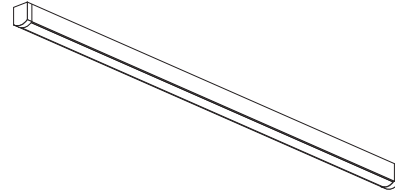
## Installation Instructions for Cirrus Ceiling Wall Grazer with Remote Power and Soldered Leads

CCWG-\_-\_-

### IMPORTANT INFORMATION

- This instruction shows a typical installation.
- This product is ceiling mount.
- Use for textured walls such as stone, wood or brick.
- This product must be installed by a qualified electrician and in accordance with local electrical codes.

**SAVE THESE INSTRUCTIONS!**

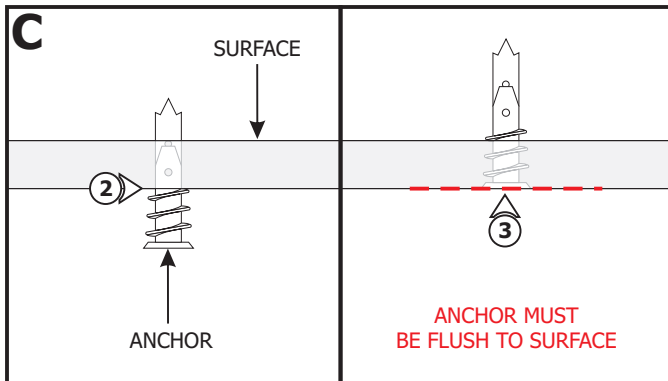


### Section One: Mounting Channel for Proper Lighting Distribution

<p><b>A</b></p> <p>CEILING</p> <p>0"-4" AWAY FROM WALL</p> <p>STRAIGHT TEXTURED WALL</p> <p>LIGHT</p> <p><b>OPTION A</b></p>	<p>CEILING</p> <p>TEXTURED WALL ON A 3 TO 5 DEGREE ANGLE</p> <p>LIGHT</p> <p><b>OPTION B</b></p>	<p><b>1:</b> Choose one of the two options to install the channel to properly graze the textured wall.</p> <p><b>Option A:</b> Mount the channel 0" to 4" away from the straight textured wall.</p> <p><b>Option B:</b> Mount the channel next to the textured wall that is installed at a 3 to 5 degree angle.</p>
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### Section Two: Install the Fixture

<p><b>B</b></p> <p>LOCKING CLIP</p> <p>MOUNTING CLIP</p> <p>MOUNTING CLIP</p> <p>LOCKING CLIP</p> <p>MAX 24"</p> <p>MAX 24"</p> <p>MAX 24"</p>	<p><b>SURFACE</b></p> <p>MOUNTING CLIP</p> <p>LOCKING CLIP</p>
<p><b>1:</b> Lay the channel to the desired location &amp; make all necessary markings on the ceiling which will consist of the sides and center of the channel, mounting clips and locking clips. Clips must be installed maximum 24" from each other.</p> <p><b>NOTE:</b> Clips must be leveled and centered.</p>	



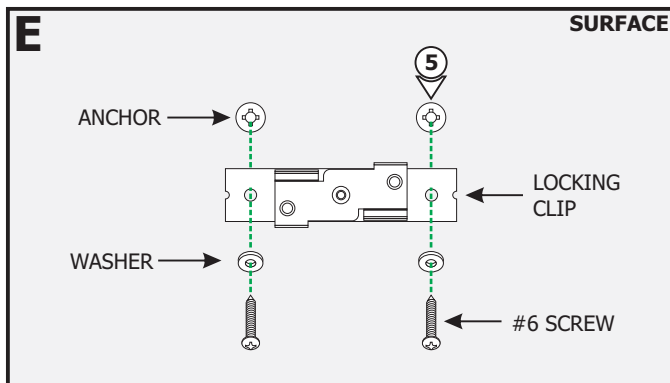
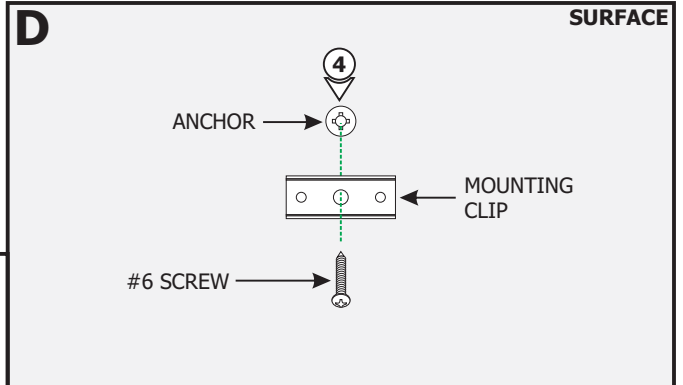
**NOTE:** Steps 2 and 3 are for drywall mounting. Omit these steps if mounting to a wood surface directly.

**2:** Tap the anchors onto the marked points up to the threaded portion with a hammer.

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

#### Mounting Clips:

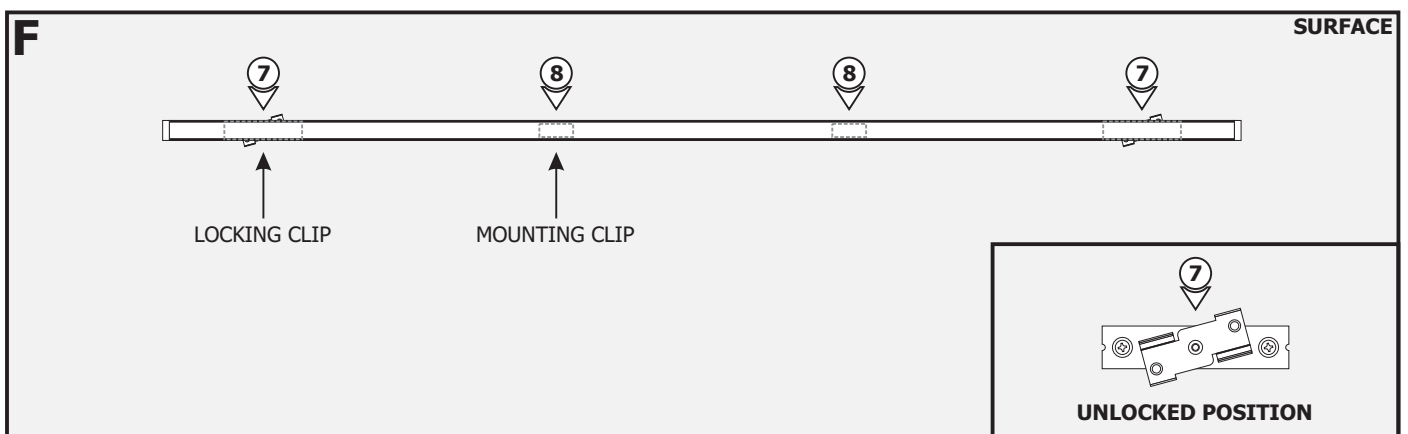
**4:** Line up the mounting clip to the anchor and secure by tightening the screw through the center clip hole into the anchor.



#### Locking Clips:

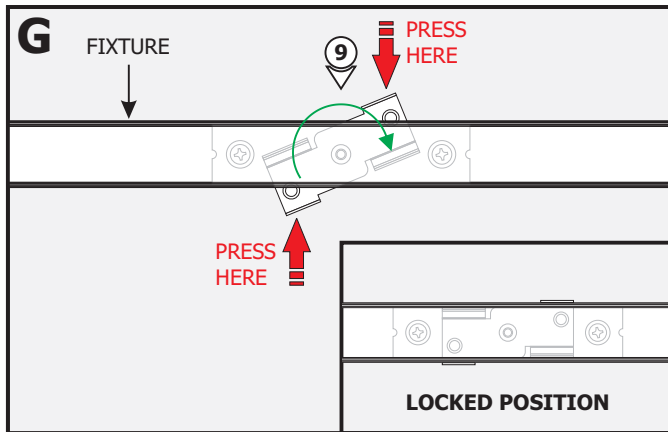
**5:** Line up the locking clips to the anchors and secure them by tightening the two #6 screws through the washers and clip holes into the anchors.

**6:** Repeat steps 2 through 5 for the remaining mounting and locking clips.



**7:** Make sure the locking clips are in the unlocked position before installing the fixture to the mounting clips.

**8:** Carefully SNAP the channel onto the mounting clips.



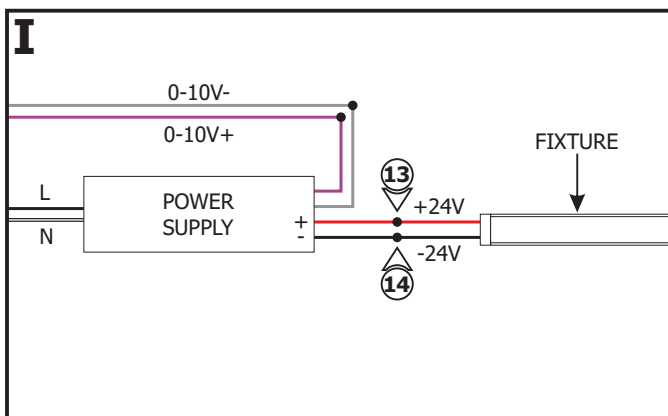
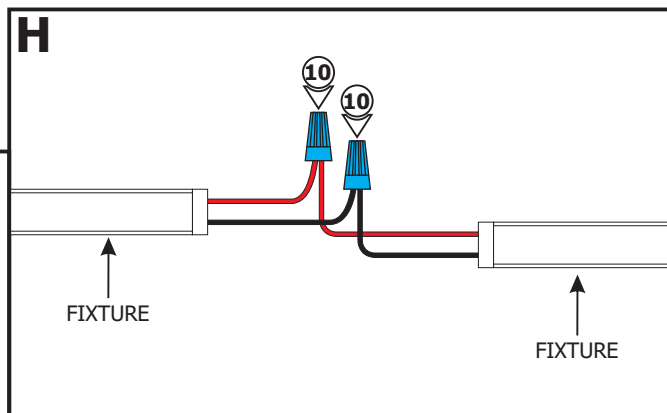
**9:** Twist each locking clip to lock the fixture in place.

### Soldered Leads, 2 Ends (SE2)

**10:** To join multiple fixtures, connect the +24VDC red wire and -24VDC black wire from one end of the fixture to the +24VDC red wire and -24VDC black wire from the next fixture respectively using wire nuts.

**NOTE:** Total wattage of the fixtures connected together should not exceed the maximum wattage of the power supply.

**11:** Repeat for additional sections.

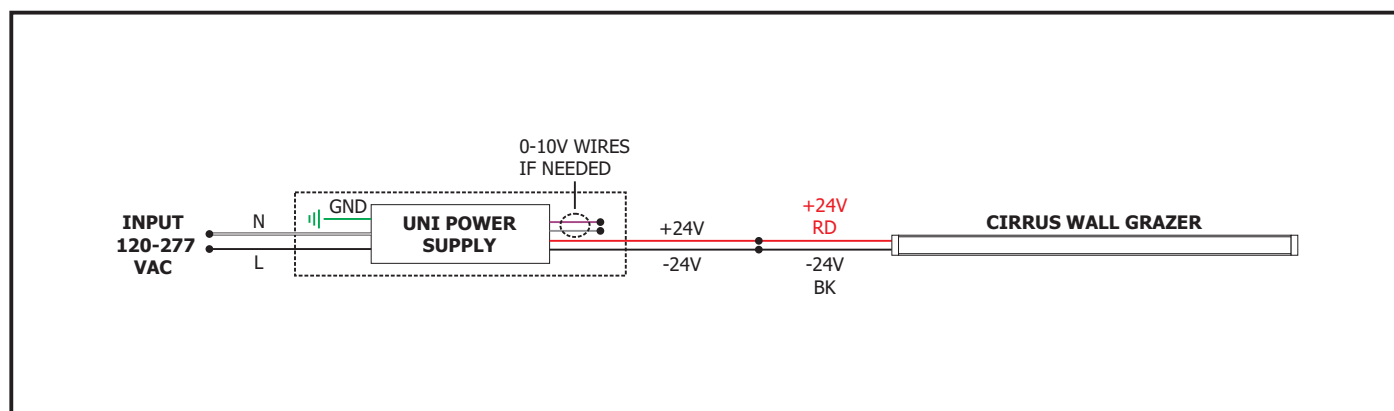


**12:** Route the wires from the fixture that are going to be connected to the power supply.

**13:** Connect the low voltage +24VDC power supply wire to the +24VDC red fixture wire using a wire nut.

**14:** Connect the low voltage -24VDC power supply wire to the -24VDC black fixture wire using a wire nut.

## General Wiring Diagram





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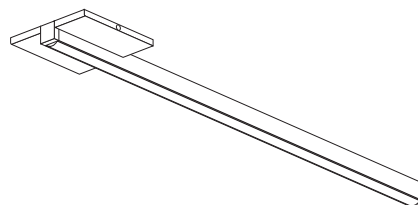
## Installation Instructions for **Cirrus Ceiling Wall Grazer with Remote Power**

CCWG-\_\_-\_\_

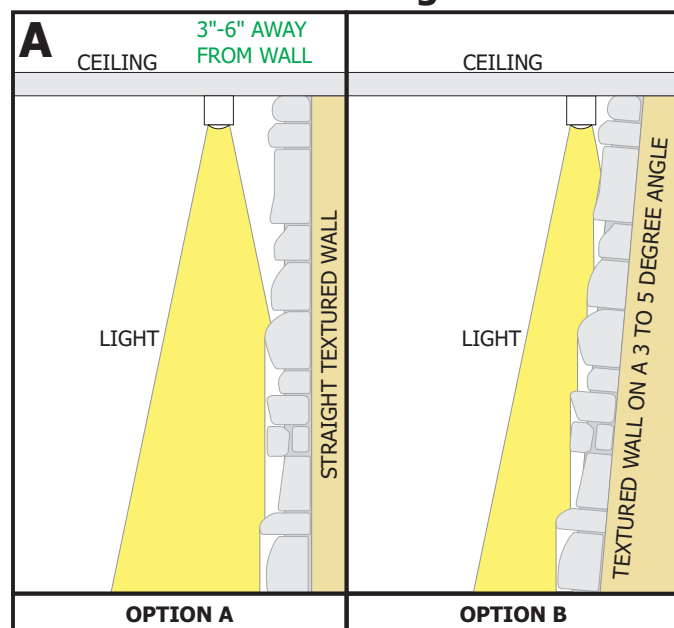
### IMPORTANT INFORMATION

- This instruction shows a typical installation.
- This product is ceiling mount.
- Use for textured walls such as stone, wood or brick.
- It is recommended more than one person to assist in this installation.

**SAVE THESE INSTRUCTIONS!**



## Section One: Mounting Channel for Proper Lighting Distribution

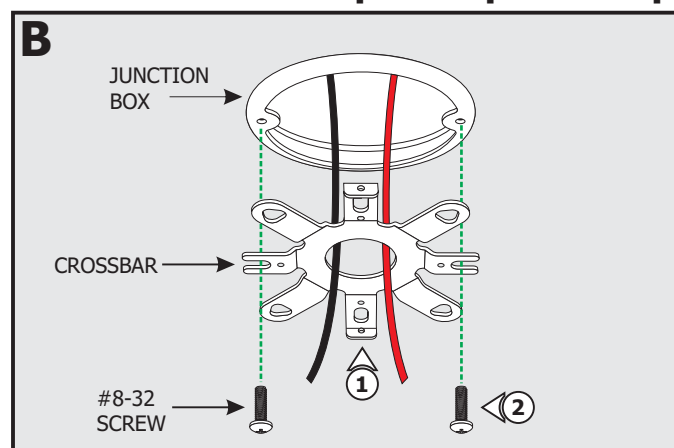


**1:** Choose one of the two options to install the channel to properly graze the textured wall.

**Option A:** Mount the channel 3" to 6" away from the straight textured wall.

**Option B:** Mount the channel next to the textured wall that is installed at a 3 to 5 degree angle.

## Section Two: 4" Square Split Canopy



**NOTE:** Remote power supply must be installed within 40ft of junction box. Ensure remote power supply wires are present in the junction box. Refer to instructions provided with the power supply.

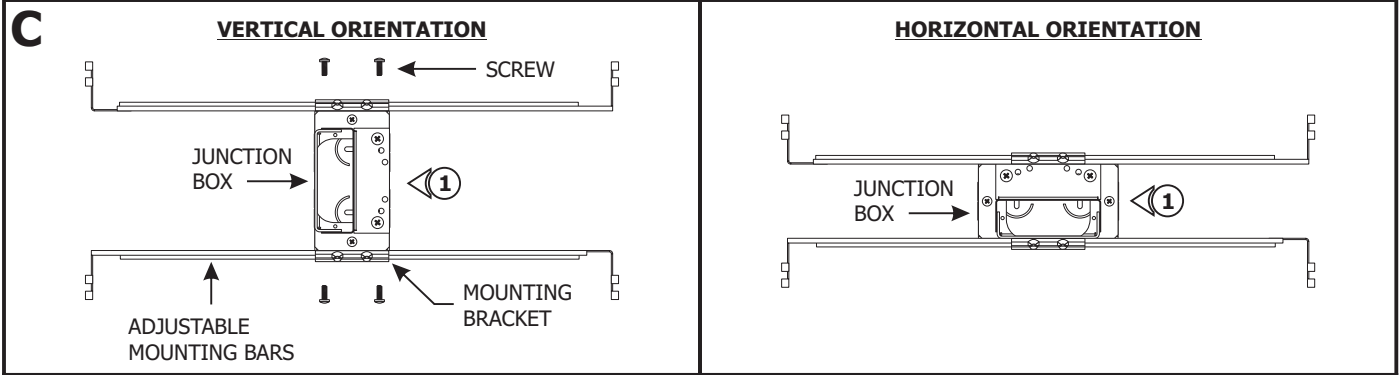
**NOTE:** Omit this section if using 1" Rectangle Canopy. See Section Three.

**1:** Feed the low voltage wires from the power supply through the crossbar center hole.

**2:** Mount the crossbar to the junction box holes using two #8-32 screws.

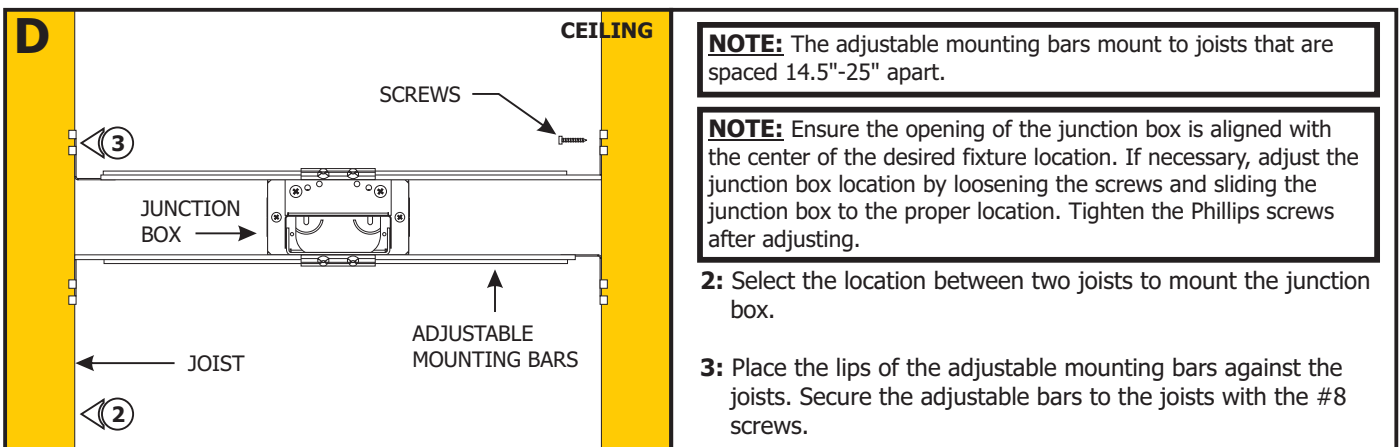
**3:** Complete installation by following steps in Section Four.

## Section Three: 1" Rectangle Canopy



**NOTE:** Omit this section if using 4" Square Split Canopy.

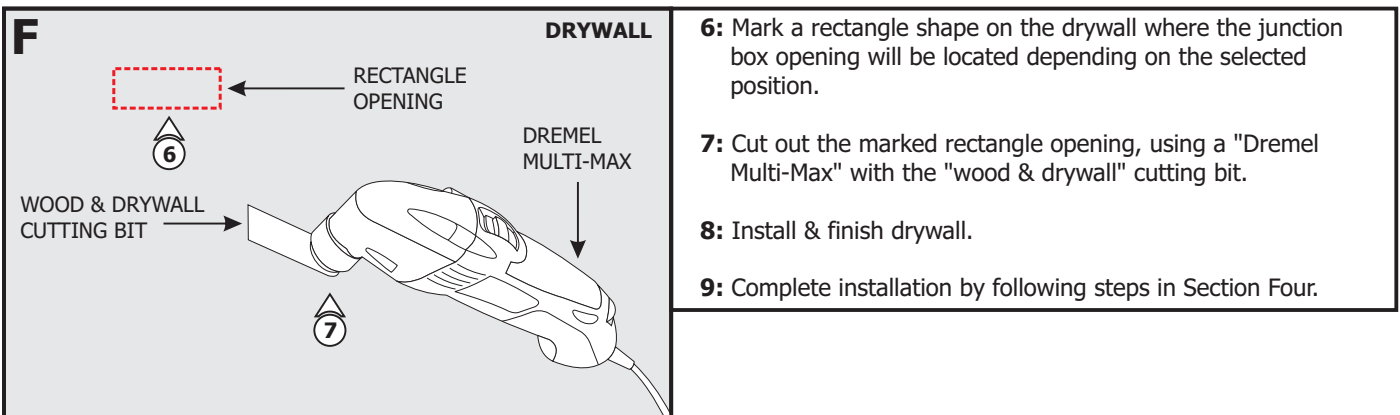
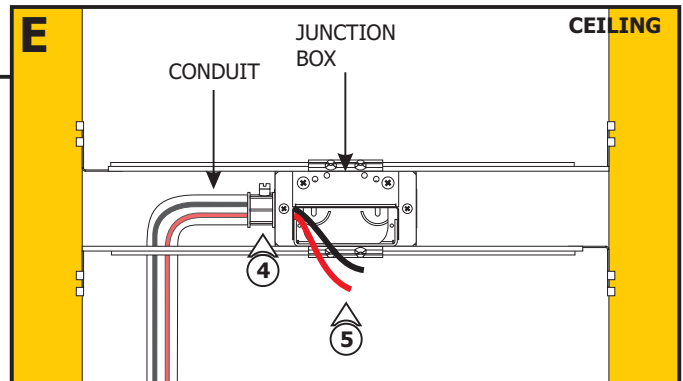
**1:** Mount each adjustable mounting bar to one side of the junction box (mounts to any side of the housing depending on the orientation of the channel) and secure them with the mounting brackets and Phillips screws provided.

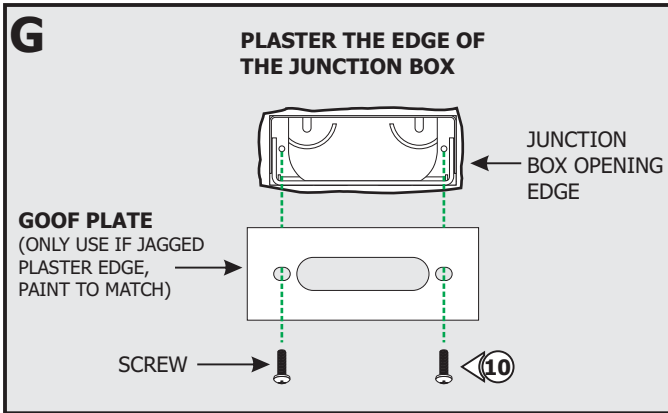


**NOTE:** Remote power supply must be installed within 40ft of junction box. Ensure remote power supply wires are present in the junction box. Refer to instructions provided with the power supply.

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

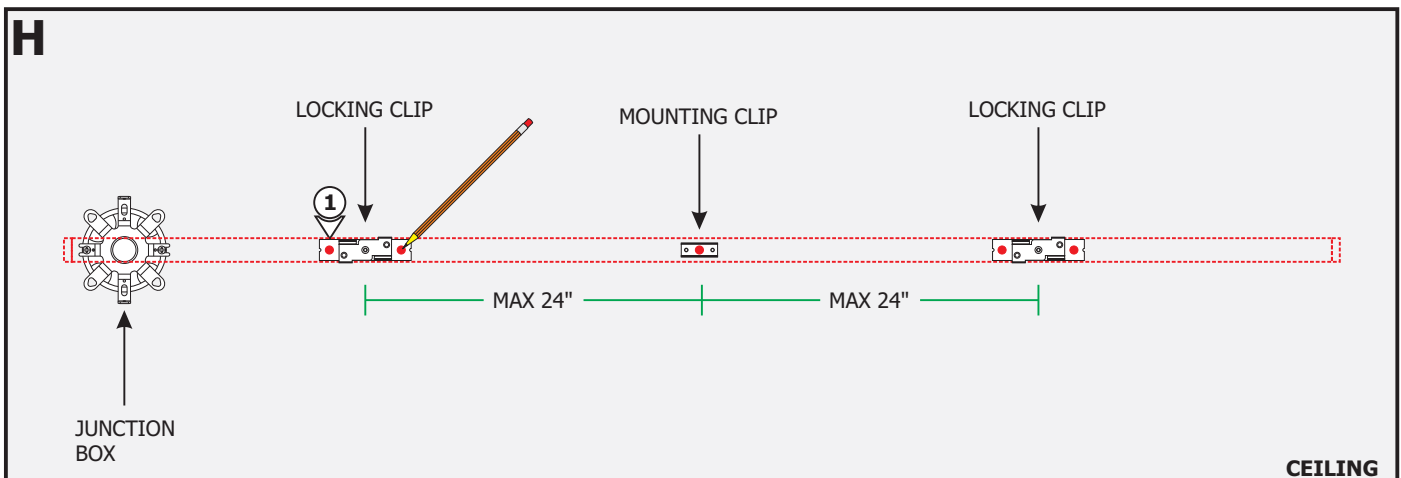
**5:** Install conduit(s) (if required by local electrical code) and run low-voltage 24VDC power wires coming from the remote power supply to the junction box.





**10: Optional:** Use the Goof Plate if the junction box opening has imperfection/ jagged edges. Install the provided goof plate (paint to match prior) with the two screws.

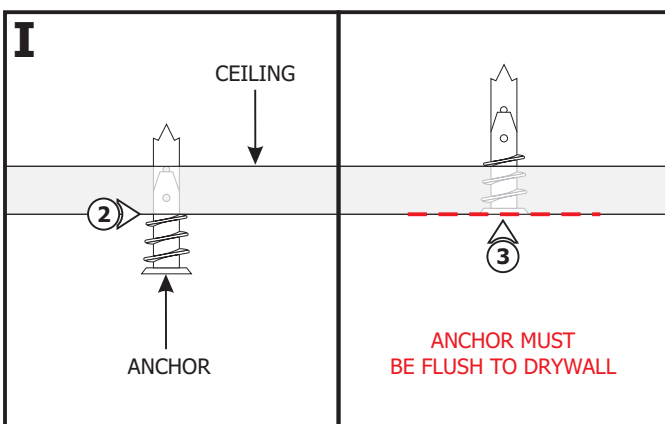
## Section Four: Install the Fixture for Both Versions



**NOTE:** 4" Square Split Canopy shown for demonstration purposes.

**NOTE:** The channel must pass through the center of the junction box.

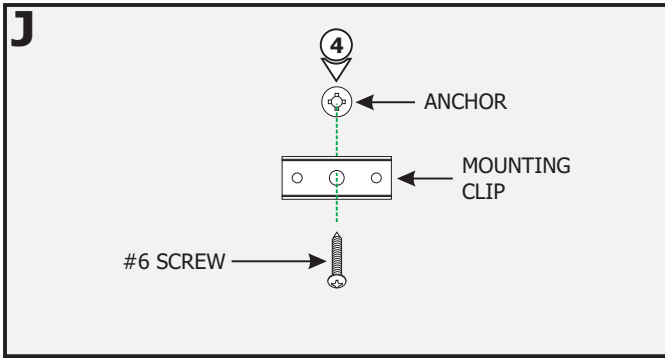
**1:** Begin installation using side of the channel with power wires. Lay channel to the desired location & make all necessary markings on the ceiling which will consist of the channel ends, mounting clips and locking clips. Clips must be installed maximum 24" from each other.



**NOTE:** Steps 2 and 3 are for drywall mounting. Omit these steps if mounting to a wood surface directly.

**2:** Tap the anchors onto the marked points up to the threaded portion with a hammer.

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

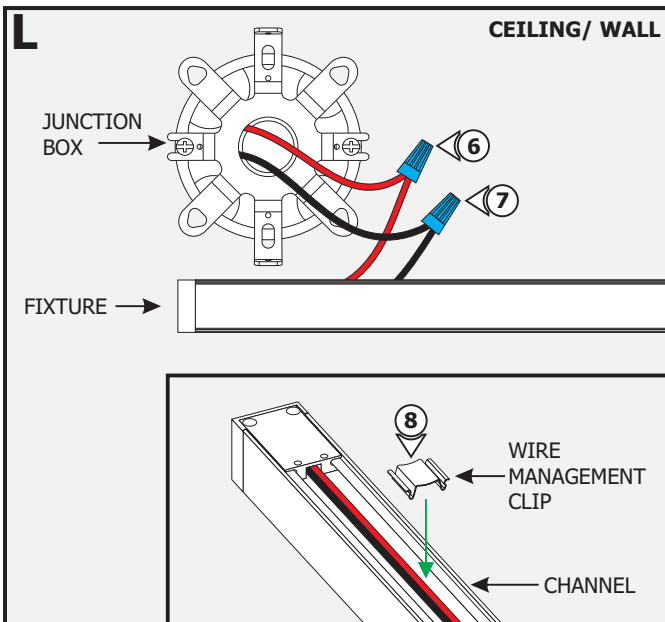
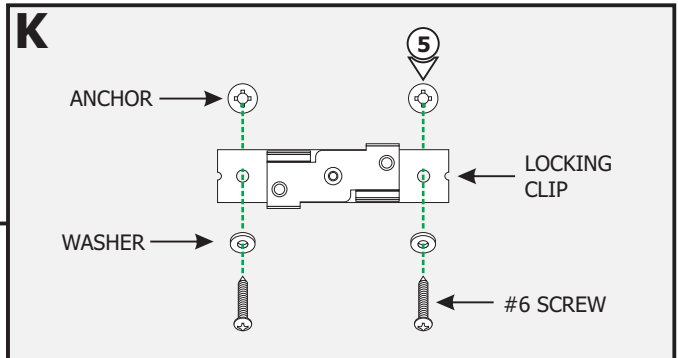


**Ceiling Mounting Clips (recommended):**

**4:** Line up the mounting clip to the anchor and secure by tightening the screw through the center clip hole into the anchor.

**Ceiling Mounting Locking Clip (recommended):**

**5:** Line up the locking clip to the anchors and secure them by tightening the two #6 screws through the washers and clip holes into the anchors.

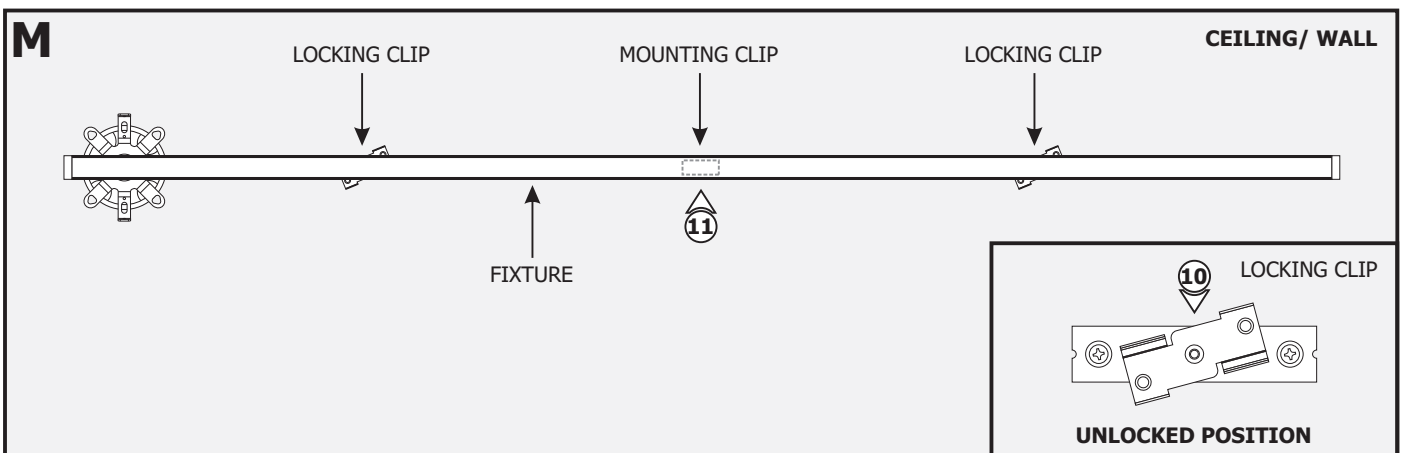


**6:** Connect the low voltage +24VDC power supply wire to the red wire of the fixture using a wire nut.

**7:** Connect the low voltage -24VDC power supply wire to the black wire of the fixture using a wire nut.

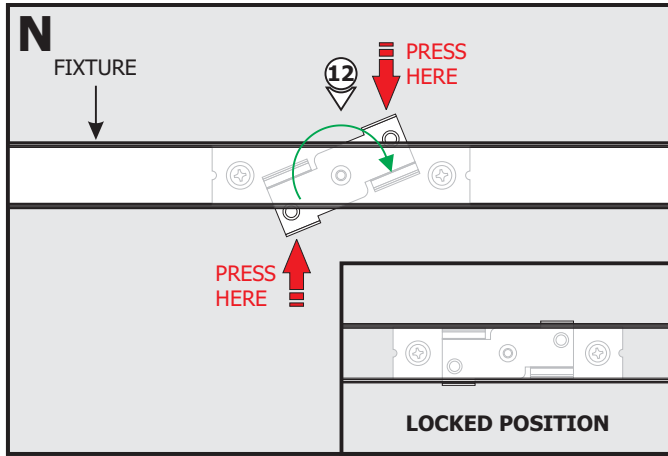
**8:** If necessary, snap the wire management clip to the channel to hold the wires in place.

**9:** Place all wire nut connections inside the junction box.

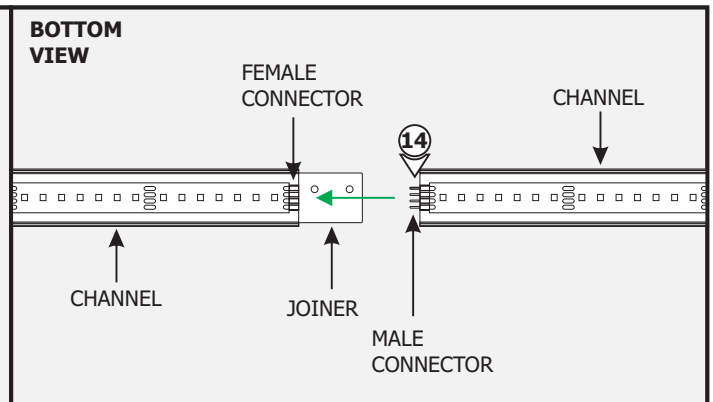
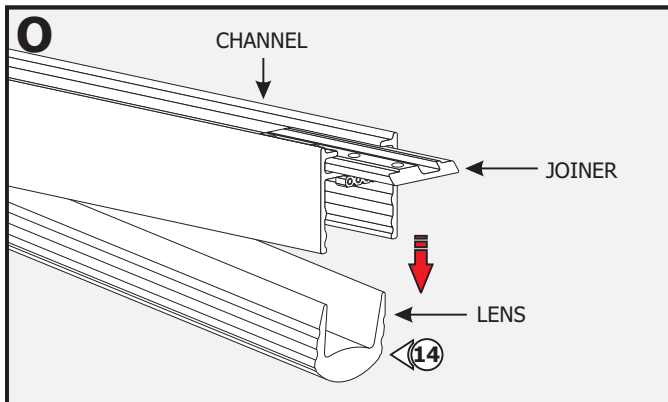


**10:** Make sure the locking clips are in the unlocked position before installing the fixture to the mounting clips.

**11:** Carefully SNAP the channel onto the mounting clips. Make sure not to nick the wires.



**12:** Twist each locking clip to lock the fixture in place.



**NOTE:** Omit steps 13 through 16 if the channel is made out of a single piece (120" or less).

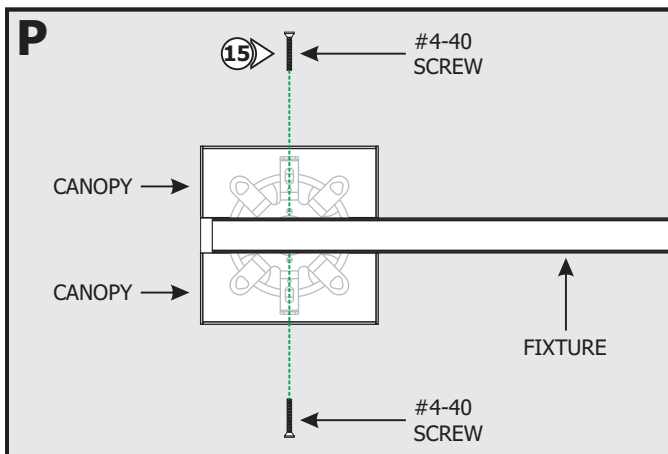
**NOTE:** If applicable, multiple channels must be installed to the ceiling one at a time.

**13:** Snap the second channel onto the mounting clips. Make sure the locking clips are in the unlocked position before installing the second channel to the mounting clips (see step 10 on page 4).

**14:** Lift a section of the lens at the end of the channels where the connectors are visible. Slide the second channel over the joiner on the first channel making sure that the male & female connectors mate properly. Push the lens back into the channel.

**15:** Twist each locking clip to secure the second channel in place (see step 12 above).

**16:** Continue to connect additional channels one at a time until the fixture is complete.



**15:** For 4" Square Split Canopy installations, place each canopy piece against the fixture and align the canopy holes with the crossbar holes. Secure the canopy pieces in place with the two #4-40 screws and 1/16" Allen wrench provided.



96W, 24VDC LOW VOLTAGE WIRE SIZE CHART					
<b>3% VOLTAGE DROP</b>	<b>WIRE LENGTH IN FT</b>	<b>UP TO 33FT</b>	<b>35FT-52FT</b>	<b>53FT-86FT</b>	<b>87FT-130FT</b>
	<b>WIRE SIZE</b>	14 AWG	12 AWG	10 AWG	8 AWG
	<b>VOLTAGE AT END OF THE WIRE</b>	23.28VDC	23.29VDC	23.28VDC	23.28VDC

General Wiring Diagram

