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Installation Instructions for Pipeline 2 Wall/ Vanity with 1" Rectangle Canopy - Center Feed and End Feed, Tunable White, Remote Power

P2WD_-_1R__

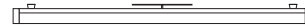


IMPORTANT INFORMATION

- This product is ETL listed.
- This instruction shows a typical installation.
- This product is wall mount only.

SAVE THESE INSTRUCTIONS!

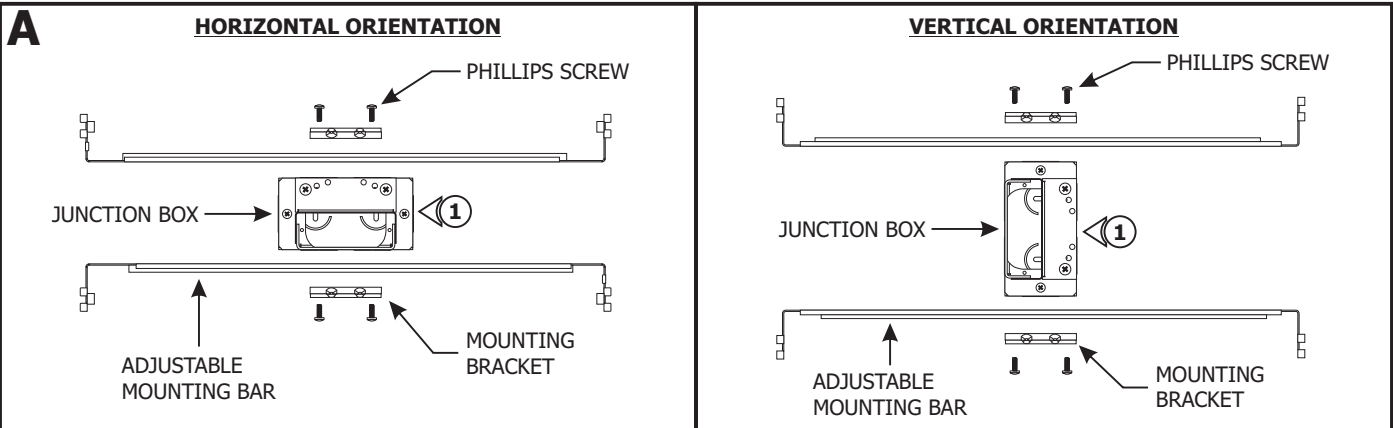
CENTER FEED



END FEED

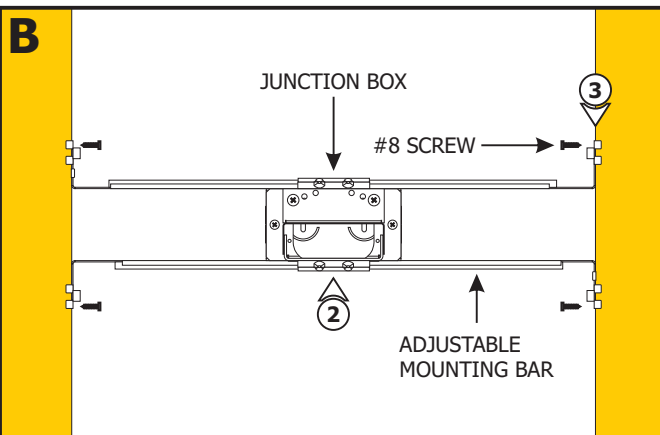


Section One: Install the Junction Box



NOTE: Before beginning any electrical work, ensure that the power to the junction box is off.

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 two Phillips screws provided.

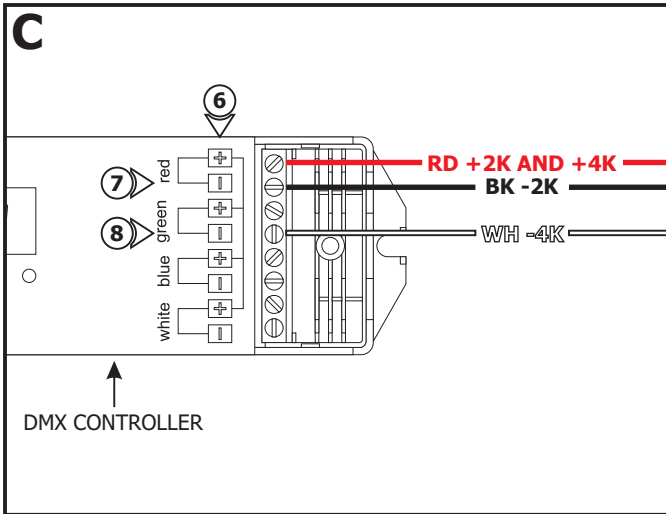


NOTE: Adjustable mounting bars mount to studs that are spaced 15" to 24" apart. If the span needs to be shorter than 15", then break the bar arms from dedicated lines.

NOTE: Ensure the opening of the junction box is aligned with the center of the desired fixture location. If necessary, adjust the junction box location by loosening the screws and sliding the junction box to the proper location. Tighten the Phillips screws after adjusting.

2: Select the location between the two studs for the junction box to be mounted.

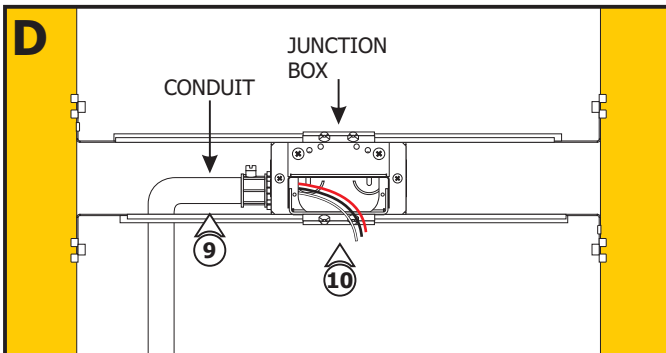
3: Place the adjustable mounting bar tabs between the studs. Secure the adjustable bars to the studs with the #8 screws.



NOTE: Omit steps 4 through 8 if using two channel controls. Refer to wiring diagram on page 8.

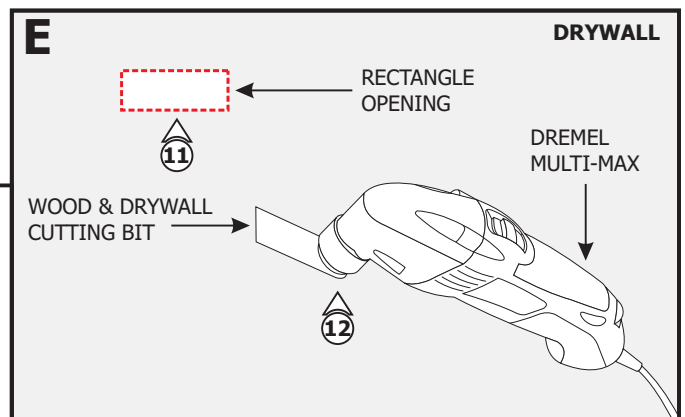
- 4:** Use the "Low Voltage Wire Size Chart" below to determine proper wire size connecting to the DMX controller terminals.
- 5:** Run the proper size red, black and white wires from the fixture to the power supply enclosure.
- 6:** Connect the red fixture wire to the red "+" DMX terminal and tighten the screw.
- 7:** Connect the black fixture wire to the red "-" DMX terminal and tighten the screw.
- 8:** Connect the white fixture wire to the green "-" DMX terminal and tighten the screw.

100W, 24VAC LOW VOLTAGE WIRE SIZE CHART					
3% VOLTAGE DROP	WIRE LENGTH IN FT	UP TO 31FT	32FT-49FT	50FT-81FT	82FT-124FT
	WIRE SIZE	14 AWG	12 AWG	10 AWG	8 AWG
	VOLTAGE AT END OF THE WIRE	23.28 VAC	23.29 VAC	23.28 VAC	23.28 VAC

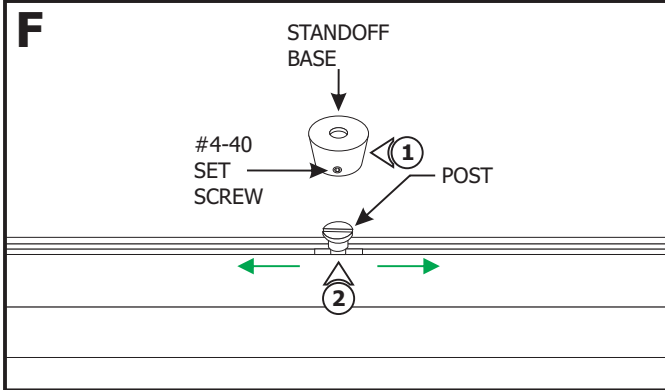


- 9:** Remove a knockout to install a conduit into the junction box. Install conduit(s) (if required by local electrical code).
- 10:** Run the wires coming from the remote power supply to the junction box. Refer to the instructions provided with the power supply.

- 11:** Mark a rectangle shape on the drywall where the junction box opening will be located depending on selected position.
- 12:** Cut out the marked rectangle opening, using a "Dremel Multi-Max" with the "wood & drywall" cutting bit.
- 13:** Install & finish drywall.

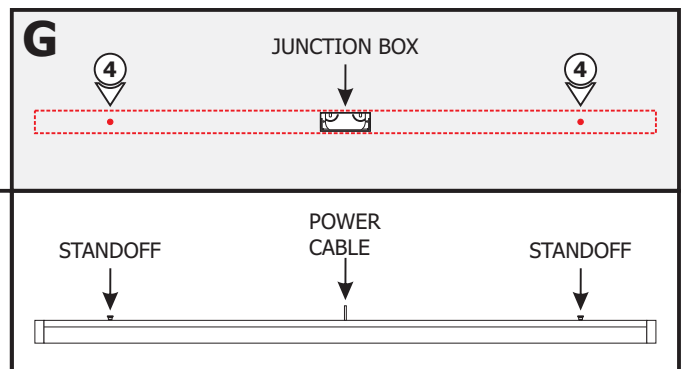


Section Two: Install the Center Feed Fixture



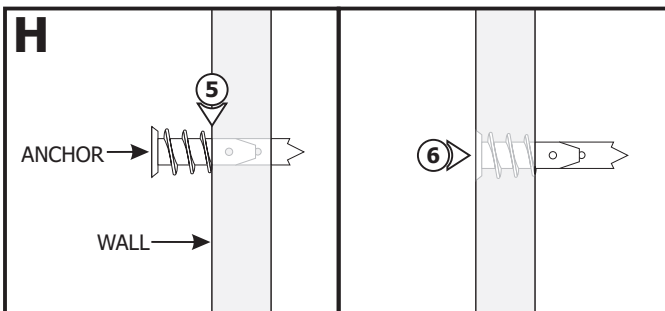
NOTE: Omit this section if installing End Feed fixtures. Refer to Section Three.

- 1:** Loosen (**Do Not Remove**) the #4-40 set screw on the standoff base using a 0.05" Allen wrench to remove it from the fixture.
- 2:** It is recommended to have the posts near the end of the fixture to keep the fixture aligned. Adjust the standoff positions by loosening the post and sliding it across the channel. Tighten the post to secure it in place.
- 3:** Repeat steps 1 and 2 for the other standoff post.



- 4:** Lay the fixture to the desired location and mark the locations of the standoff posts on the wall. Ensure markings are leveled and centered with the junction box.

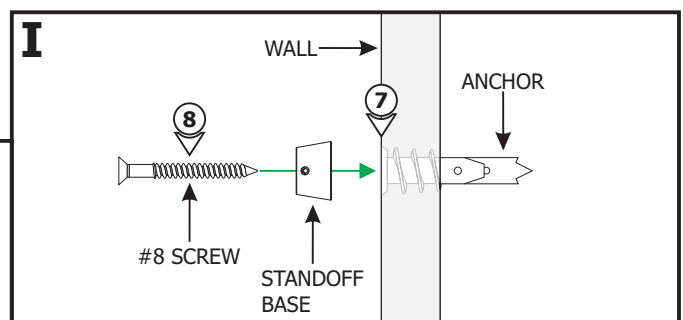
NOTE: The channel must pass through the center of the junction box.

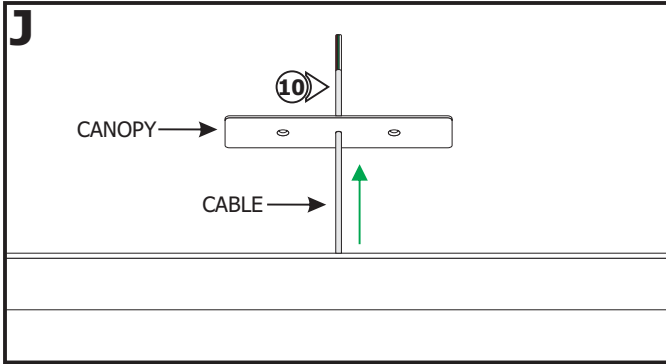


NOTE: Omit steps 5 and 6 if mounting directly to a wood surface.

- 5:** Tap the anchor onto the marked standoff location up to the threaded portion with a hammer.
- 6:** Screw in the threaded portion of the anchor with a Phillips screwdriver.

- 7:** Feed the #8 screw through the standoff base into the anchor.
- 8:** Tighten the #8 screw completely into the anchor.
- 9:** Repeat steps 5 through 8 for the other standoff.

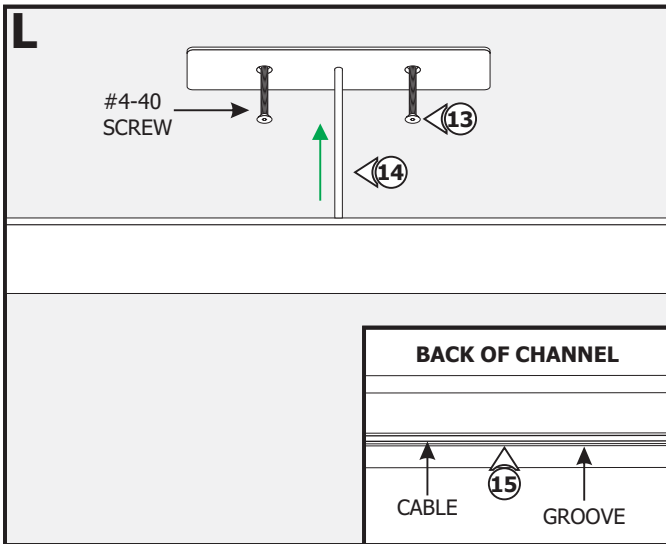
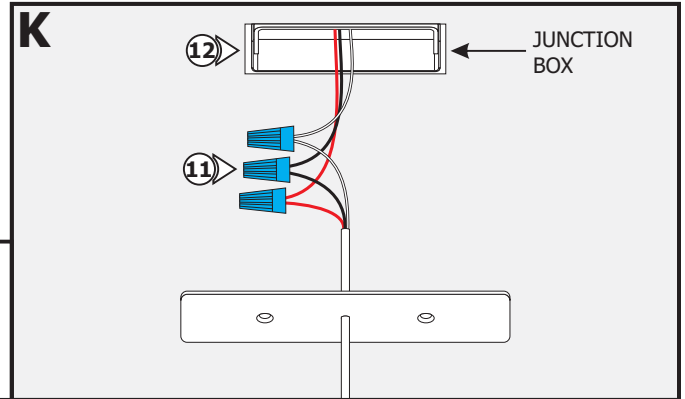




10: Feed the cable from the fixture through the canopy (paint to match prior).

11: Refer to the wiring diagrams on pages 7 and 8 to connect the wires properly.

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

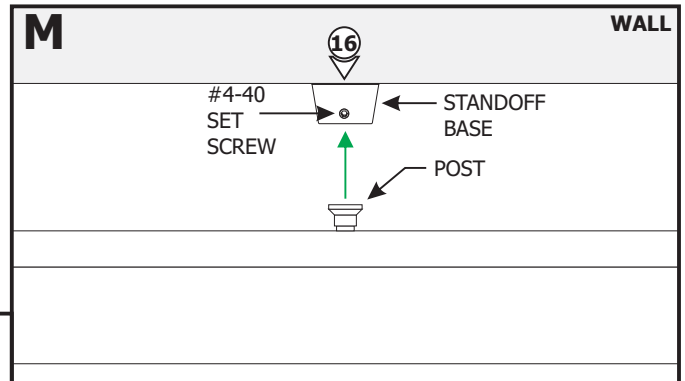


13: Place the canopy over the junction box. Secure it with the two #4-40 screws using a 1/16" Allen wrench.

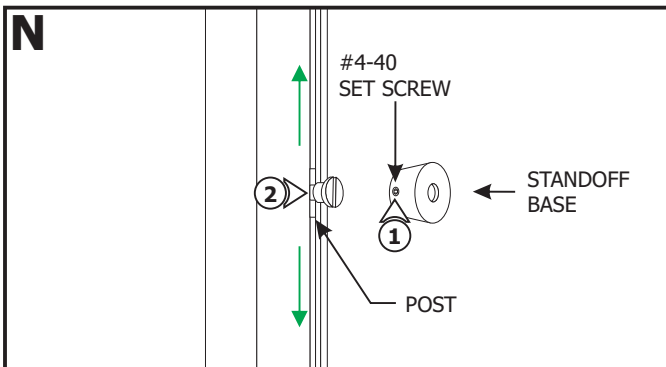
14: If necessary, push the cable into the junction box.

15: Tuck the cable inside the groove on the back of the channel.

16: Align the posts on the fixture with the standoff bases and secure with the #4-40 set screws.



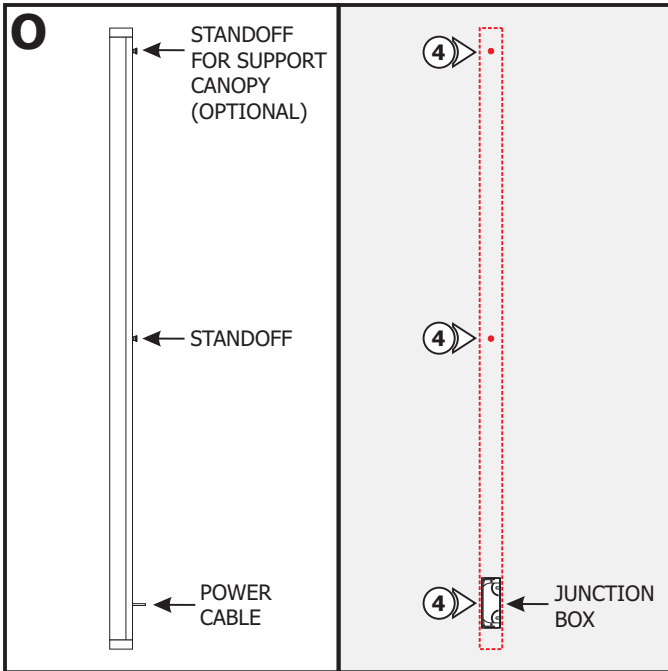
Section Three: Install the End Feed Fixture



1: Loosen (**Do Not Remove**) the #4-40 set screw on the standoff base using a 0.05" Allen wrench to remove it from the fixture.

2: If necessary, adjust the position of the standoff post by loosening the post and sliding it across the channel. Tighten the post to secure in place.

3: Repeat steps 1 and 2 for additional standoffs.



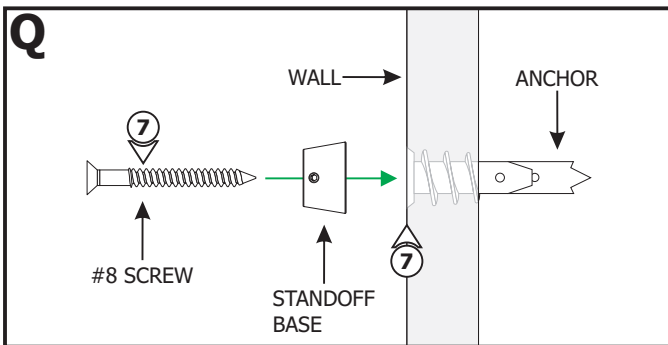
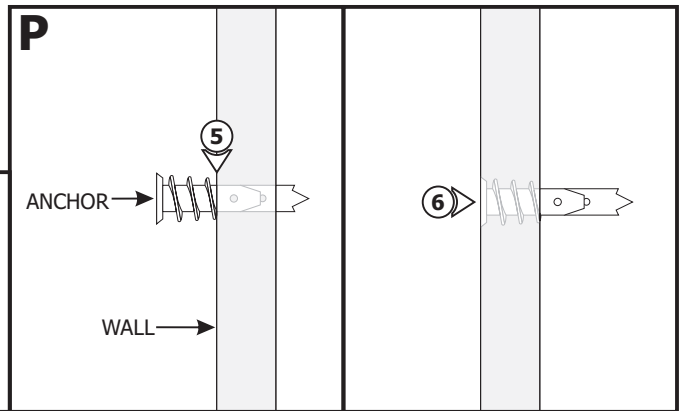
4: Lay the fixture to the desired location and mark the locations of the standoff posts on the wall. Ensure markings are leveled and centered with the junction box.

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

NOTE: Omit steps 5 and 6 if mounting directly to a wood surface.

5: Tap the anchor onto the marked standoff location up to the threaded portion with a hammer.

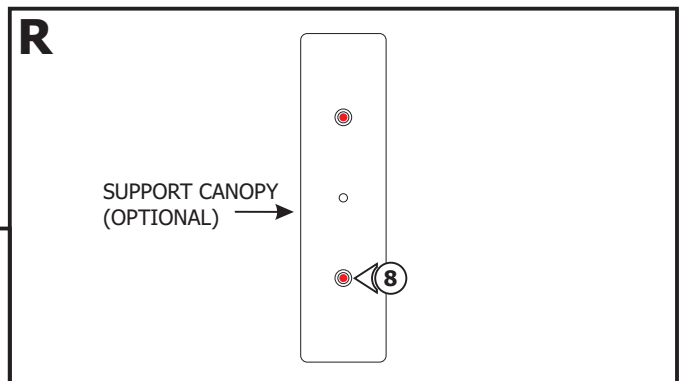
6: Screw in the threaded portion of the anchor with a Phillips screwdriver.

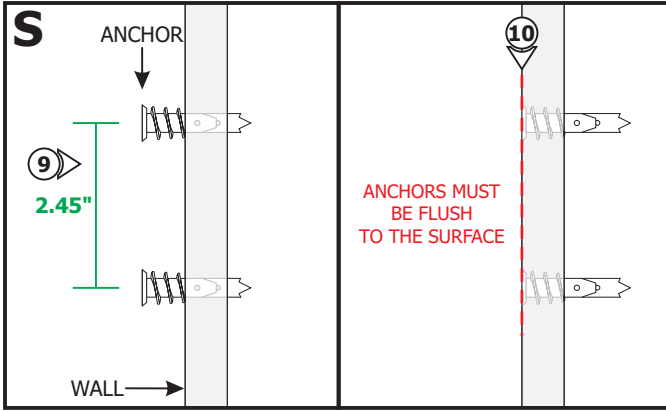


7: Feed the #8 screw through the standoff base into the anchor. Tighten the #8 screw completely into the anchor.

NOTE: Omit steps 8 through 12 if the End Feed fixture does not come with a support canopy.

8: Align the support canopy with the marked standoff location. Mark one additional point through the canopy.





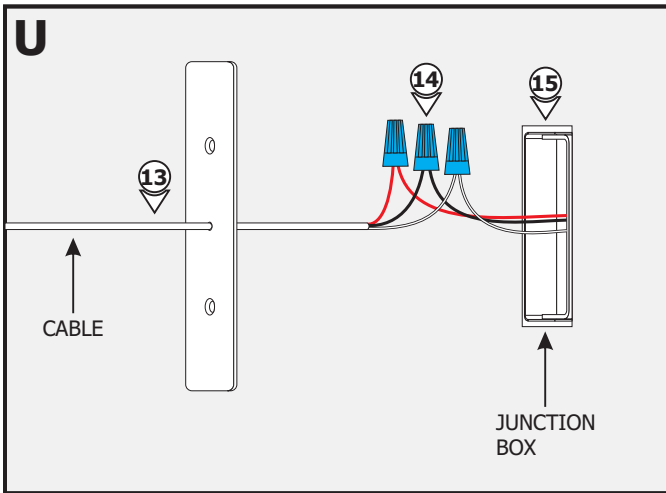
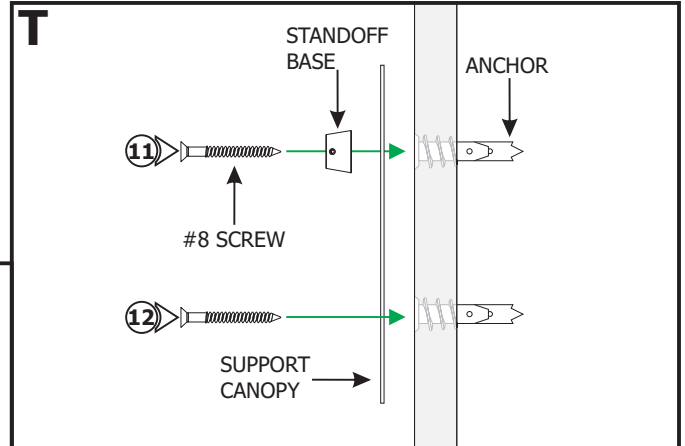
NOTE: Omit steps 9 and 10 if mounting directly to a wood surface.

9: Tap the anchors onto the new marked points 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 standoff base and one hole of the support canopy into the anchor. Tighten the #8 screw completely into the anchor.

12: Tighten the other screw through the support canopy into the remaining anchor to secure in place.



13: Feed the cable from the fixture through the power canopy (paint to match prior).

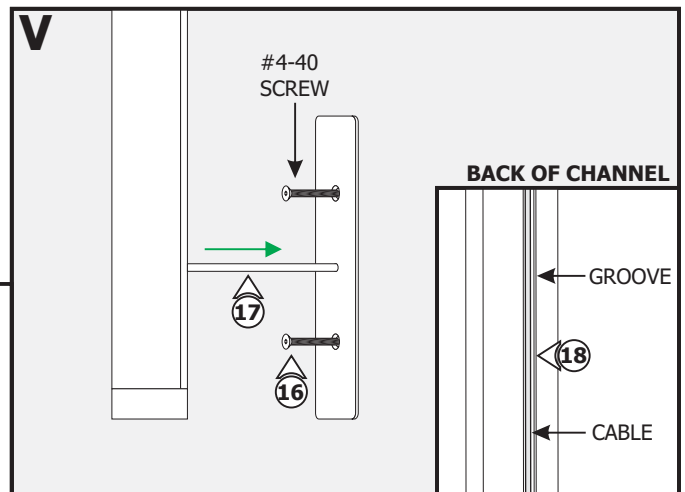
14: Refer to the wiring diagrams on pages 7 and 8 to connect the wires properly.

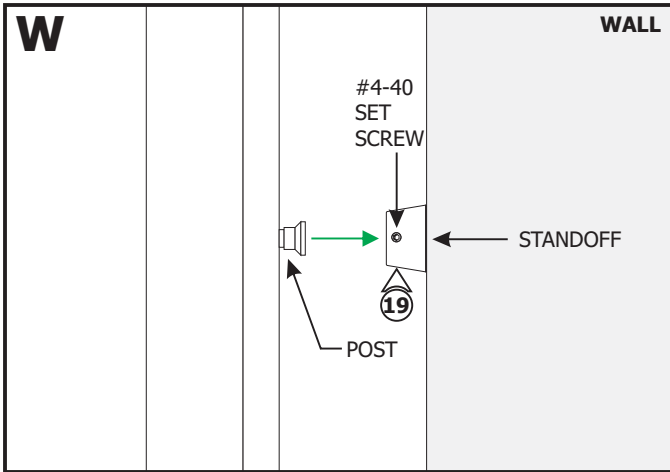
15: Place all the wires and wire nut connections inside the junction box.

16: Place the canopy over the junction box. Secure it with the two #4-40 screws using a 1/16" Allen wrench.

17: If necessary, push the cable into the junction box.

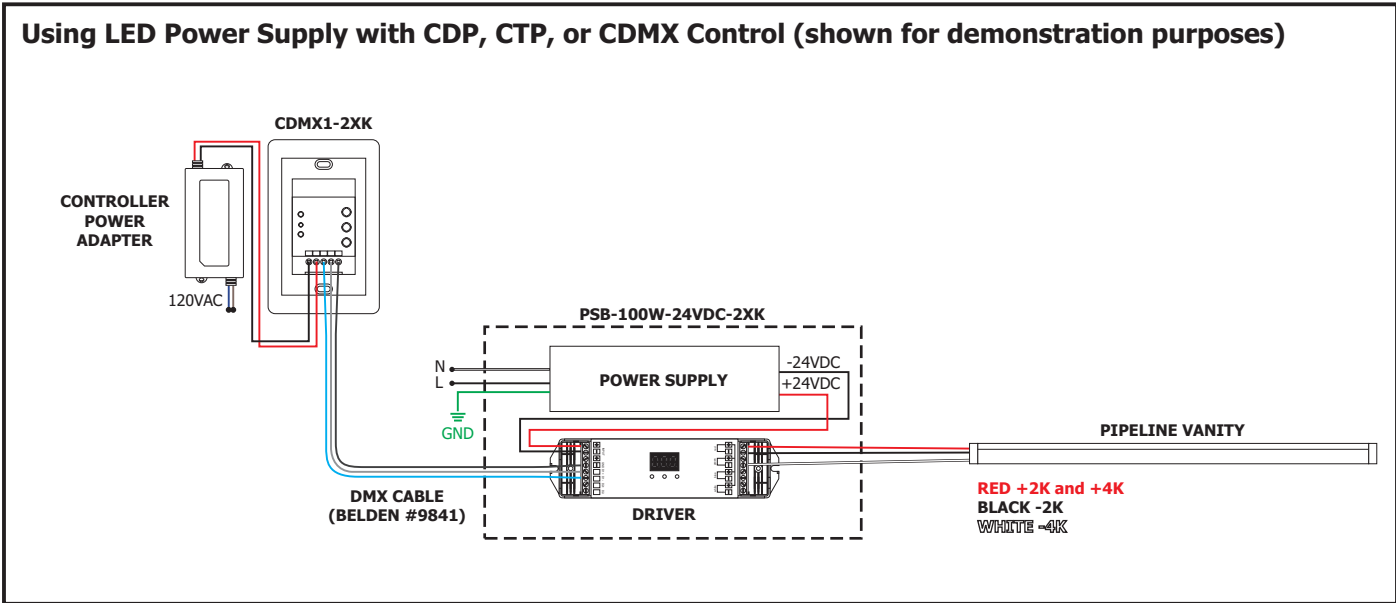
18: Tuck the cable inside the groove on the back of the channel.





19: Align the posts on the fixture with the standoff bases and secure with the #4-40 set screws.

General Wiring Diagram



Tunable White: LED Power Supply with two Channel Controls, for Intensity and Color Temperature

