



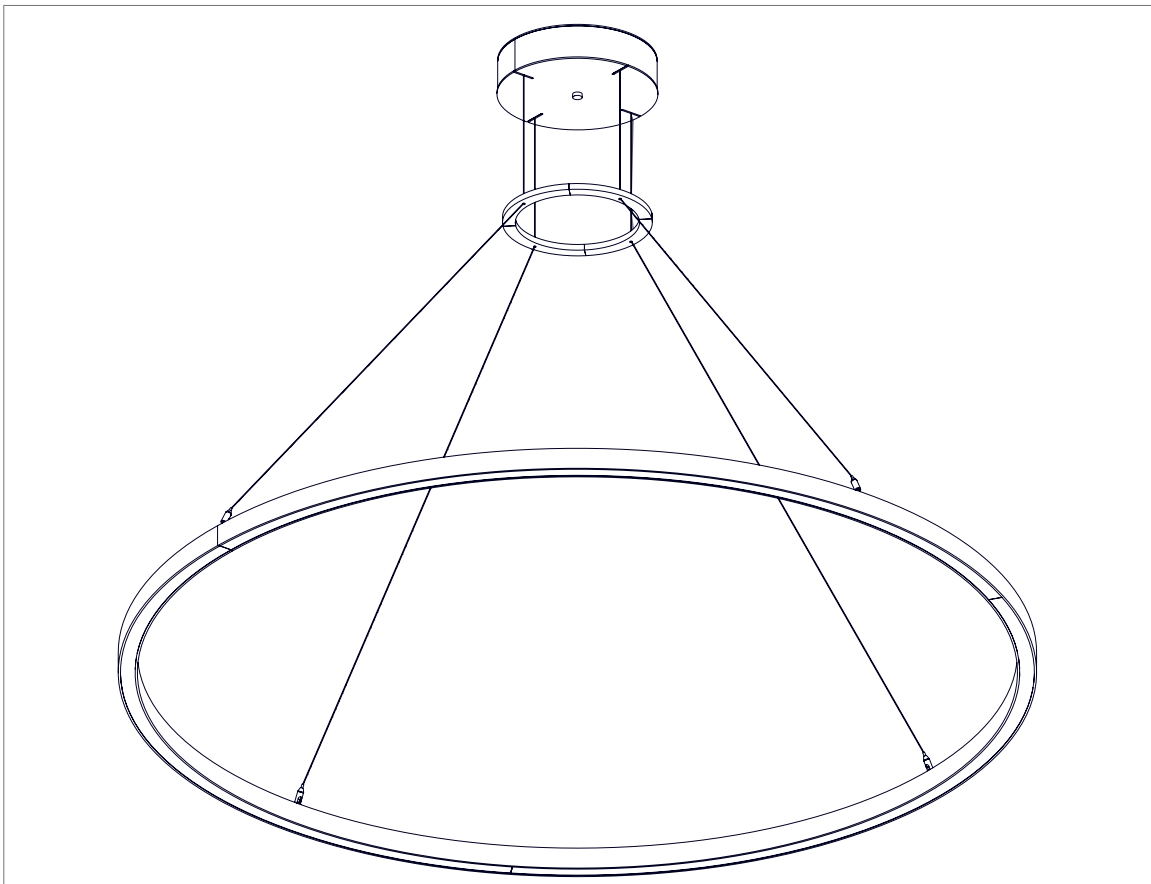
ILLUMINATE THE SOUL™

INSTALLATION INSTRUCTIONS

MOONRING THE CORDLESS COLLECTION

POWERED SUSPENSION WITH INTEGRAL DRIVER CANOPY

MR1.5/MR3 | Powered Suspension



Safety & Warnings!

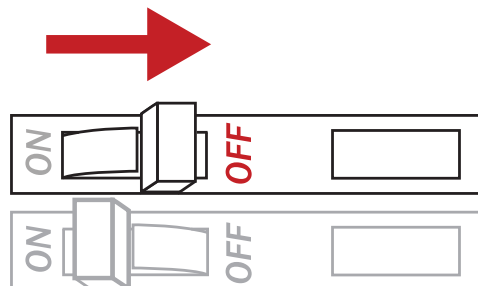
1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. Only install with a compatible Class 2 LED Constant Current Driver. This product has not been evaluated for use when connected to an LED driver that does not comply with Class 2 voltage and energy limited supplies.
5. Do not install in wet and damp locations. For dry use only.
6. Turn off electrical power before installing or servicing fixture in any way.
7. To reduce the risk of fire and overheating, make sure all connections are tight.

Attention!

1. Lisez toutes les instructions.
2. Installez conformément à la réglementation du code électrique national et local.
3. Ce produit est destiné à être installé et entretenu par un électricien agréé qualifié.
4. Installez uniquement avec un pilote de courant constant à DEL de classe 2 compatible. Ce produit n'a pas été évalué pour une utilisation lorsqu'il est connecté à un pilote de LED qui n'est pas conforme aux alimentations de tension et d'énergie limitée de classe 2.
5. Pour Emplacements secs seulement.
6. Coupez l'alimentation électrique avant de évoluer le système d'éclairage en aucune façon.
7. Pour réduire le risque d'incendie et de surchauffe, assurez-vous que toutes les connexions sont bien serrées.



SHOCK HAZARD! May result in serious injury or death. Turn power OFF at circuit breaker prior to installation or servicing.



SHOCK HAZARD! May result in serious injury or death. Turn power OFF at circuit breaker prior to installation or servicing.



WARNING! ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE OR SHORT CIRCUIT WILL OCCUR!

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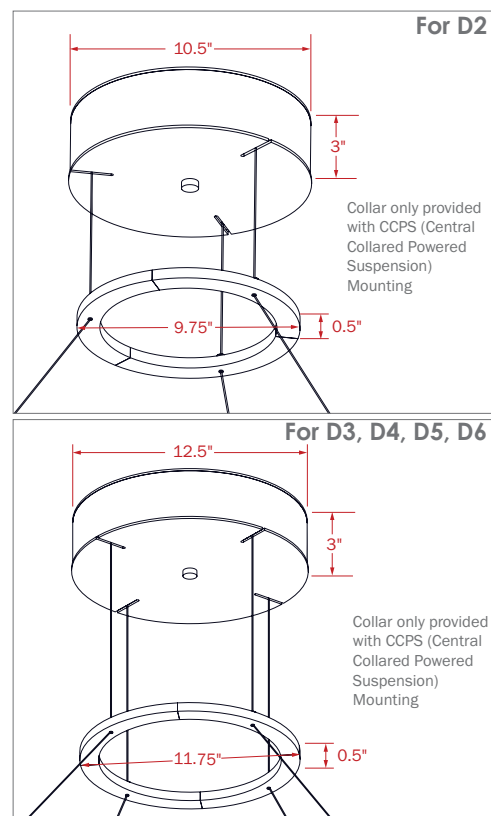
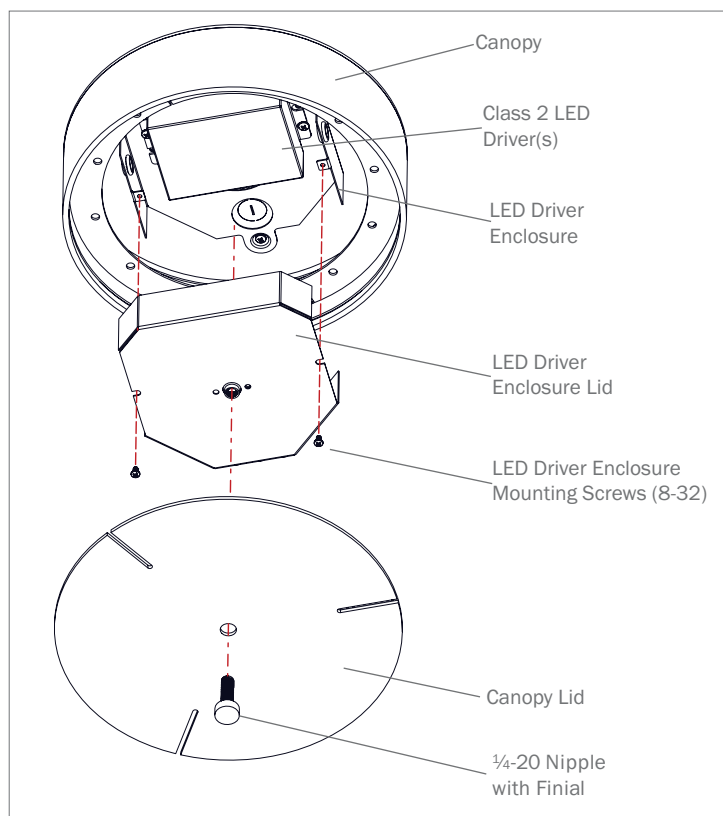
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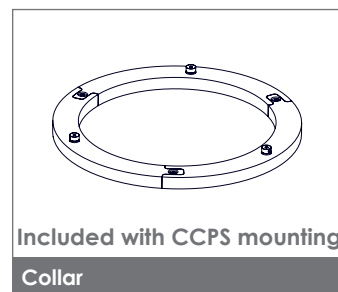
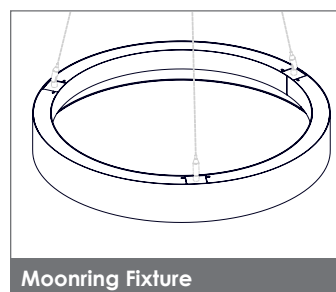
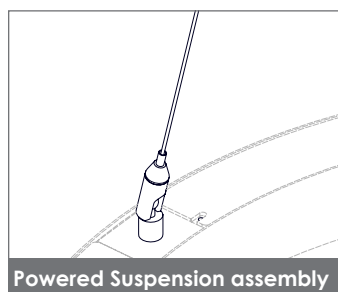
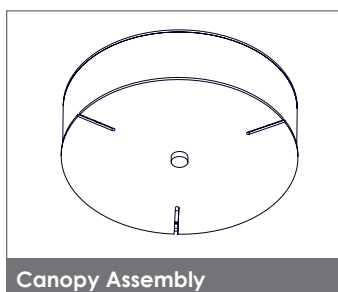
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Luminaire Overview:



Included:



Parts (by others)

- ❑ Octagon or 4" square steel electrical box (J-box)
- ❑ Wood Screws, #10, 1.5" long
- ❑ Mounting hardware for outlet box
- ❑ 8-32 Spring nuts for strut ceiling mounting

Tools Required

- ❑ Drill
- ❑ #2 phillips screwdriver
- ❑ Wire strippers
- ❑ 1/16" hex key

Quick Specs

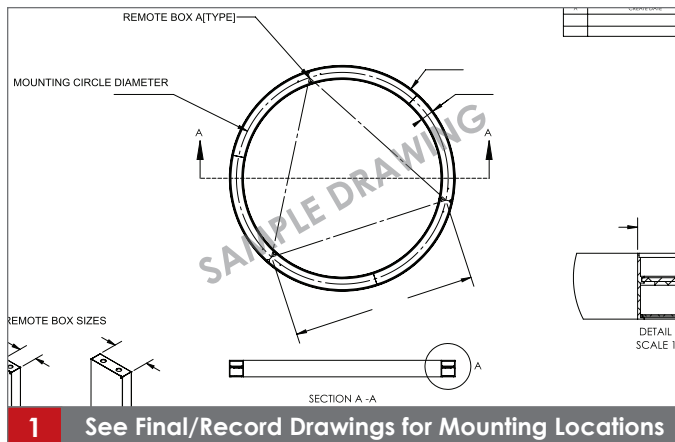
Input Voltage / Frequency:
See product label

Rated Power:
See product drawing

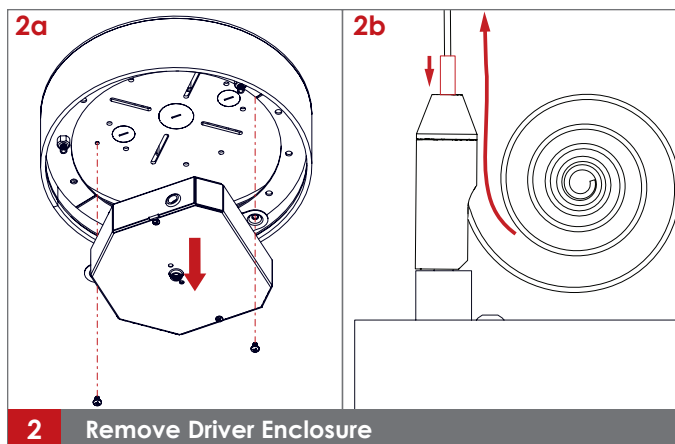
Ambient Temperature:
-4° – 120°F (-20° – 50°C)

Environment:
Dry locations

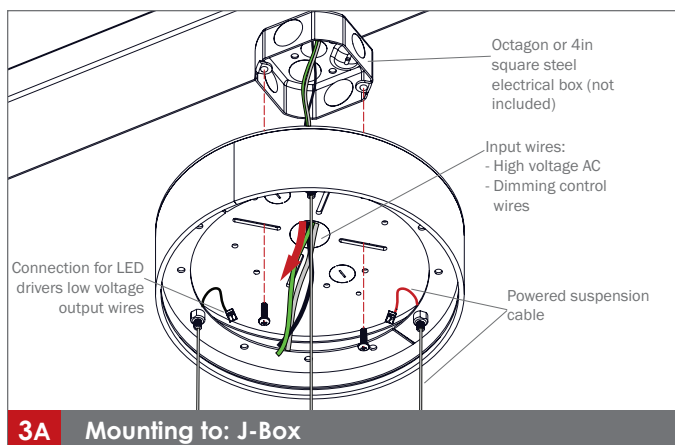
Installation



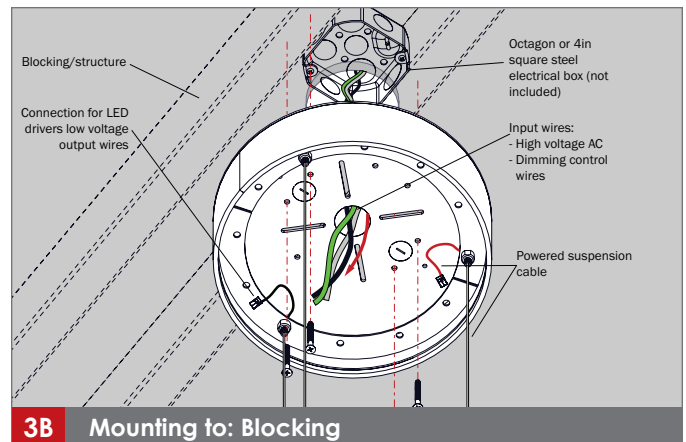
See final/record drawings for mounting locations. Install framing, strut or J-box to match mounting points.



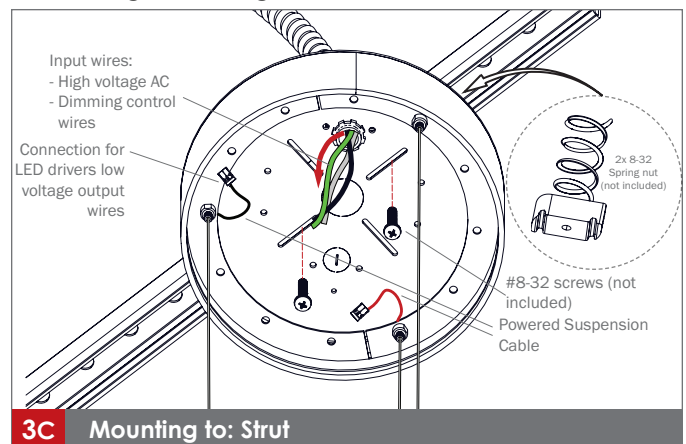
2a. Remove driver enclosure from canopy with philips head screwdriver. Keep screws aside for reinstalling driver enclosure later. **2b.** Detach fixture from suspension cables.



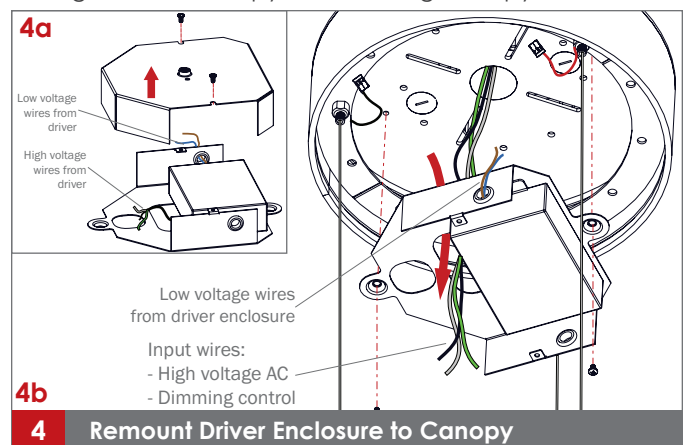
Punch out center knock-out of canopy. Feed high voltage and dimming control wires through center knockout of canopy (min 6" wire length). Mount canopy to J-Box with #8 screws (not provided by ALW). Ensure J-Box is rated to suspend minimum 40lbs.



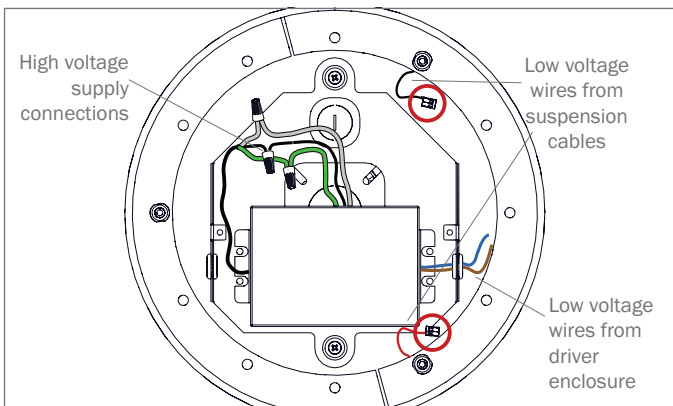
Punch out center knock-out of canopy. Feed high voltage and dimming control wires through center knockout of canopy (min 6" wire length). Mount canopy to J-Box with #8 screws (not included) or use additional holes to mount to blocking or building surface.



Punch out one of the smaller knock-out holes to route high voltage and dimming control wires at least 6" inside canopy via metal clad cable or Romex™ cable. Use 8-32 spring nuts (not included) and 8-32 screws (not included) through slots in canopy for mounting canopy to strut.

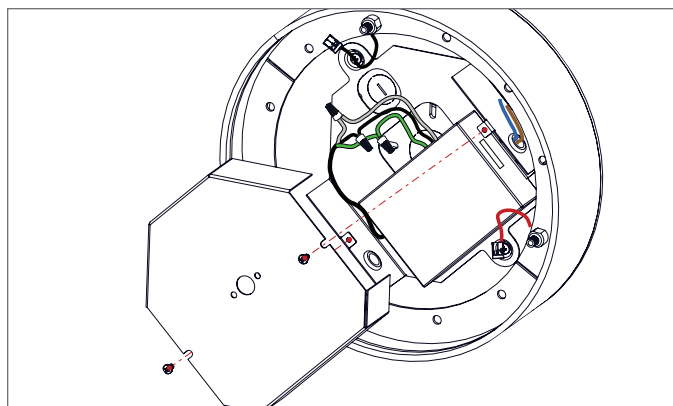


4a. Remove driver enclosure cover with philips head screwdriver. **4b.** Feed high voltage and dimming control wires through opening in driver enclosure. Mount driver enclosure to canopy with provided screws that were previously set aside.



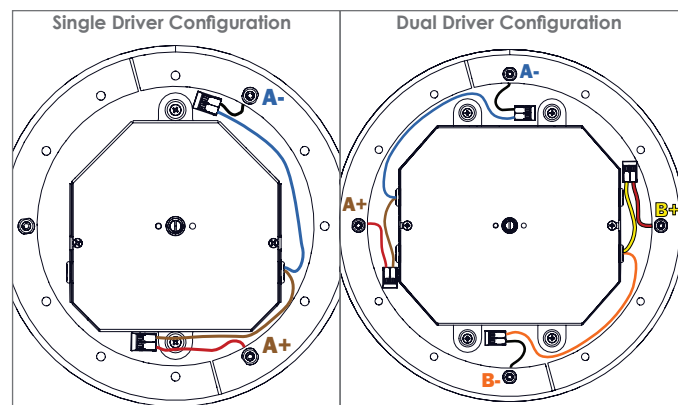
5 Connect high voltage wiring

Connect high voltage wires and dimming control wires to LED Driver(s) (see wiring diagram on pg. 8). **WARNING! DO NOT CONNECT HIGH VOLTAGE WIRES TO POWERED SUSPENSION LOW VOLTAGE CONNECTIONS CIRCLED IN RED!**



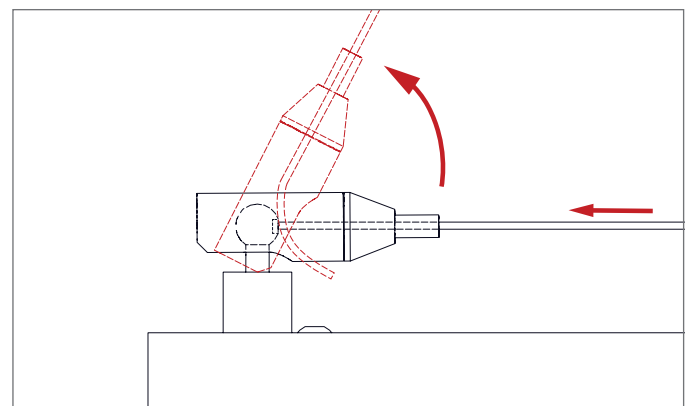
6 Reattach Driver Enclosure Lid

Attach driver enclosure lid with provided screws that were set aside.



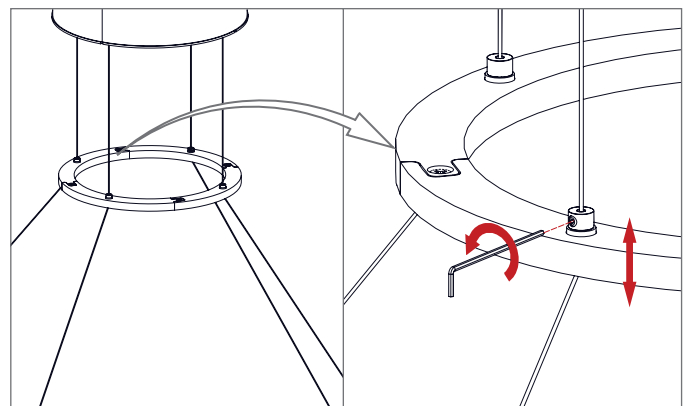
7 Connect Powered Suspension Low Voltage Wiring

Connect powered suspension low voltage cables to low voltage driver wires extending from enclosure. Follow the polarity labels attached to wires and canopy (A+, A-, B+, B-). **Note: Some configurations have non-powered suspension cables. See label on canopy for details.**



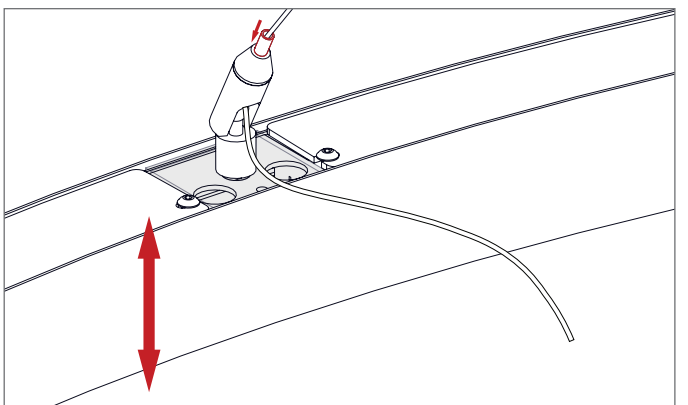
8 Feed Suspension Cables Through Cable Gripper

Attach suspension cables to correct cable grippers. Follow labels on fixture. **Note: Some configurations have non-powered suspension cables.**



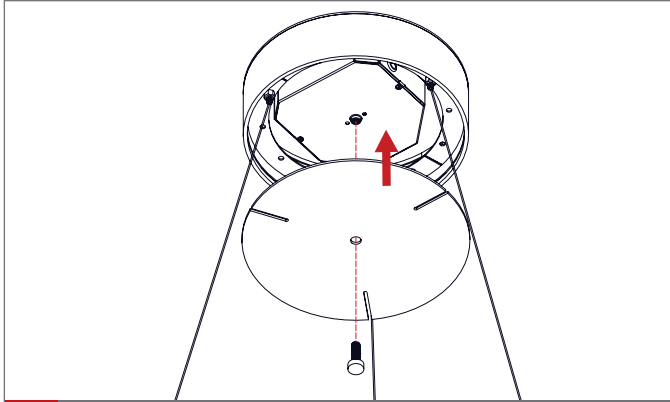
9 Adjust Collar Position (If Ordered)

Loosen set screws on collar with 1/16" hex key. Adjust height of collar and tighten set screws. Do not overtighten set screws! Collar has insulated parts to avoid short circuits. **WARNING! ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE COLLAR OR SHORT CIRCUIT WILL OCCUR!**



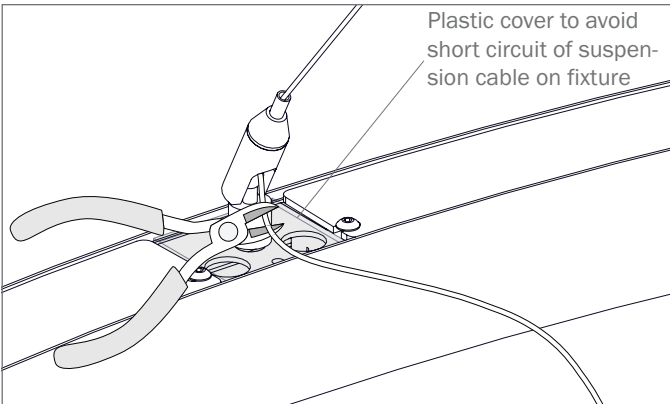
10 Adjust cable length

Depress adjustment sleeve on cable gripper and adjust fixture height/level.



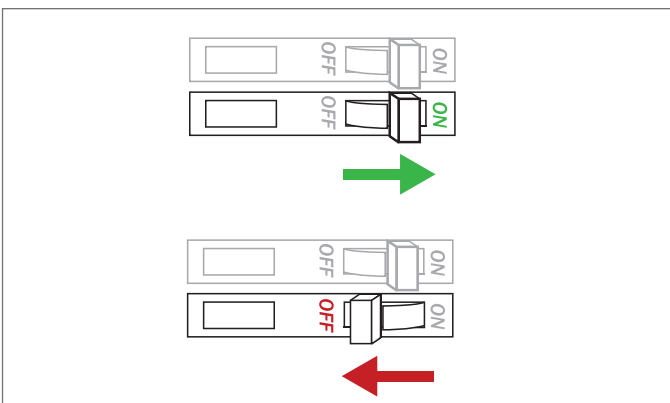
11 Install canopy cover

Install canopy cover by screwing finial through cover. Powered suspension cables pass through slots in canopy cover.



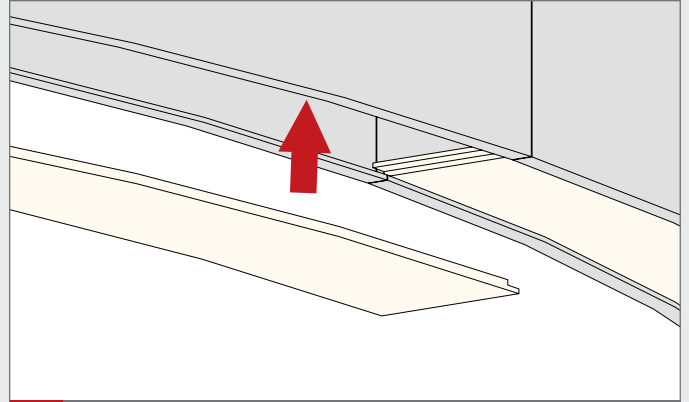
12 Cut Excess Cable

Cut excess cable with snips. **WARNING! ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE OR SHORT CIRCUIT WILL OCCUR!**



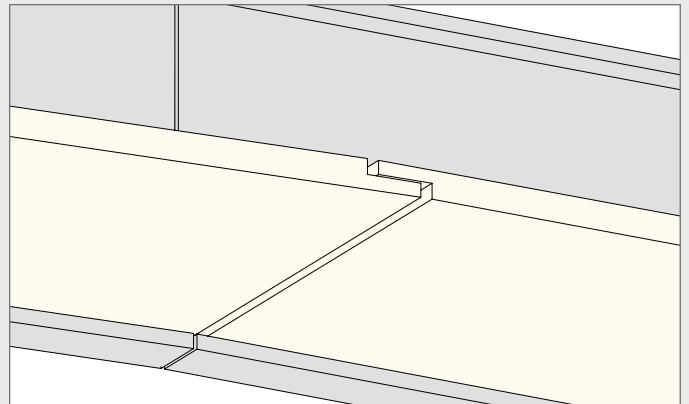
13 Test Circuit

Turn breaker ON and check that fixtures operates as intended. Turn breaker OFF again to install lenses.



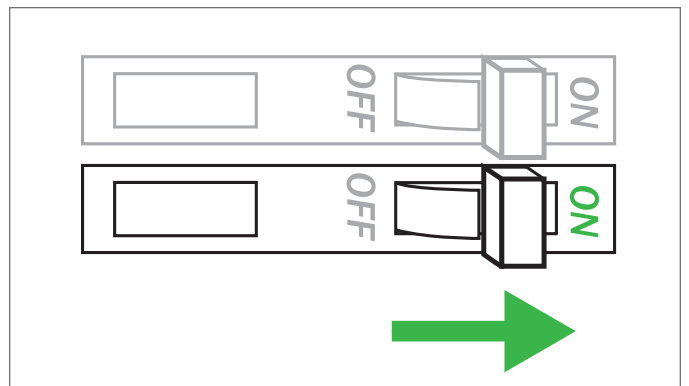
14A Install Direct Lenses

Carefully angle/snap lenses into fixture, as shown. **Note: because lenses are not adhered to fixture, fixture may only be mounted at moderate angles.**



14B Install Direct Lenses

Ensure lenses overlap, as shown.

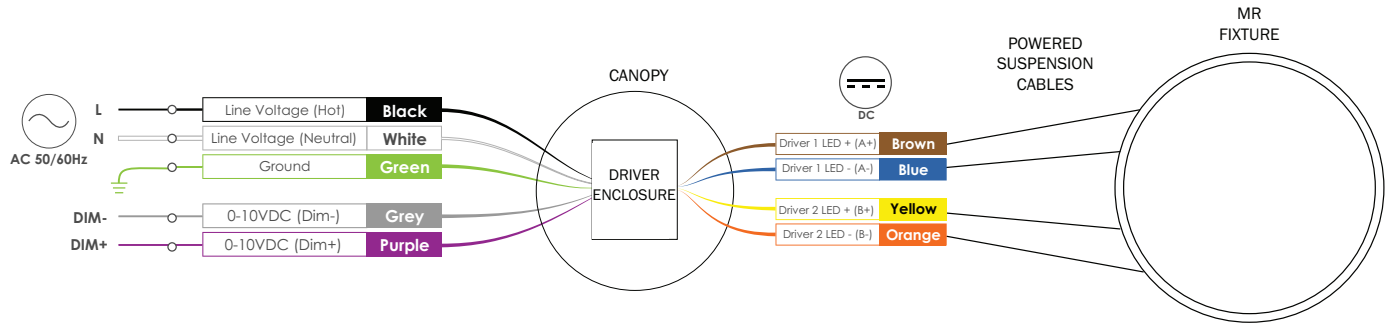


15 Turn power ON

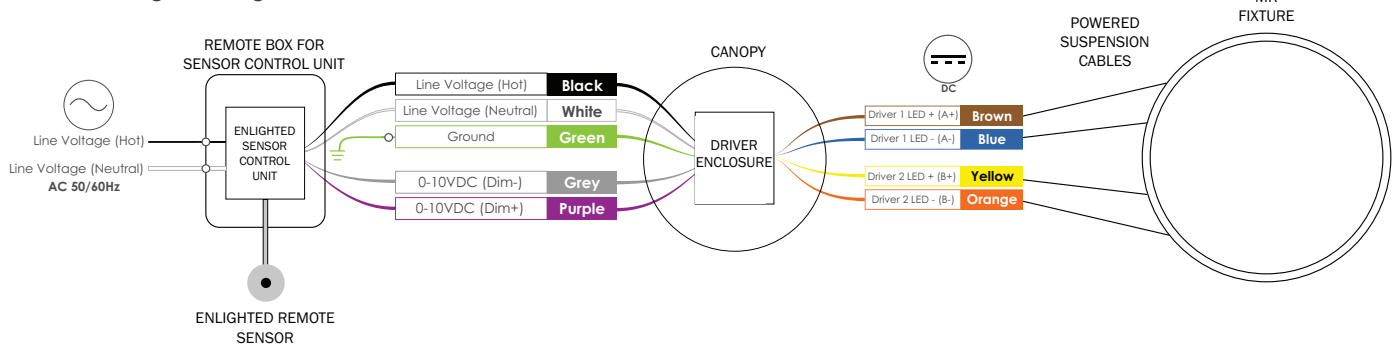
Turn power ON. Installation procedure is complete.

Wiring Diagrams

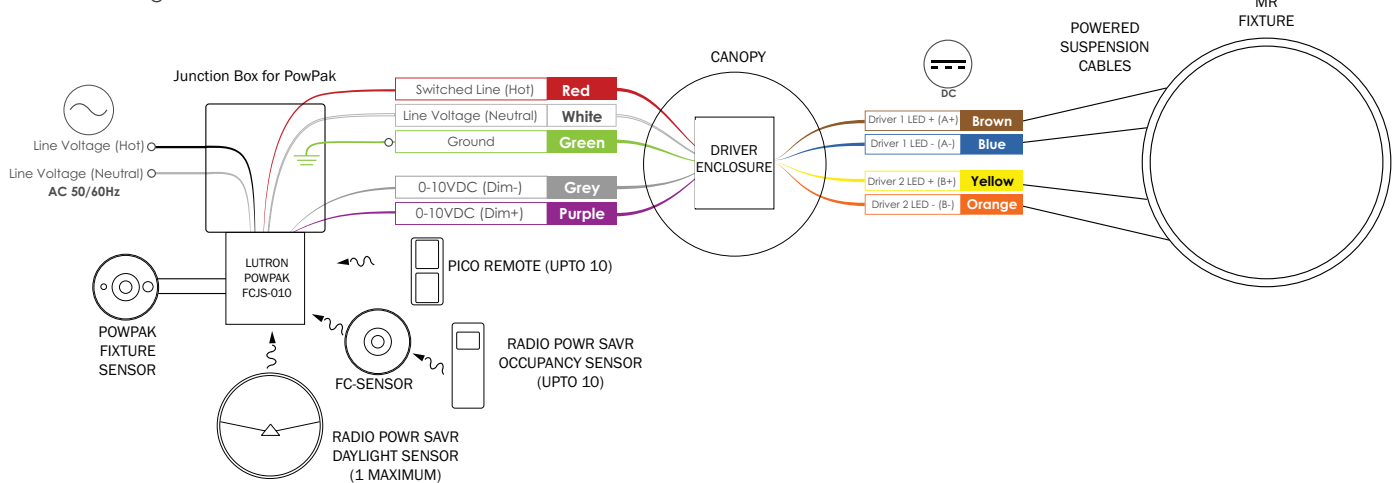
0-10V Dimming



0-10V Dimming with Enlighted Remote Sensor



0-10V Dimming with Lutron VIVE



SHOCK HAZARD! May result in serious injury or death. Turn power OFF at circuit breaker prior to installation or servicing.



WARNING! ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE OR SHORT CIRCUIT WILL OCCUR!

Troubleshooting

Only a certified electrician can service and troubleshoot product field issues. Always turn main power off before servicing fixture.

Full Fixture does not illuminate

- **ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE OR SHORT CIRCUIT WILL OCCUR!**
- **ENSURE POWERED SUSPENSION CABLES ARE ATTACHED TO CORRECT POLARITIES ON FIXTURE AND INSIDE CANOPY. SEE LABELS ON FIXTURE FOR DETAILS.**
- Ensure fixture is wired correctly and power is on.
- Check that circuit breaker is on and not off or tripped.
- LED driver may be defective.
- Ensure no wires are pinched between parts.

Full fixture is flickering

- **POSSIBLE INTERMITTENT SHORTING BETWEEN POWERED SUSPENSION CABLES AND FIXTURE. ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE.**
- **0-10V:** Ensure polarity is correct for DATA + and - connections. Swapping DATA + and - connections can cause flickering.
- **TRIAC Dimming Models:** Ensure a compatible TRIAC Forward Phase dimmer is connected to fixture. Call tech support for further information.
- Possible loose DATA + and - connections from fixture to 0-10V control.
- Possible loose low voltage DC + or - connection from driver to LED. Call customer support.

Fixture section(s) do not illuminate

- **ENSURE THERE IS NO CONTACT OF POWERED SUSPENSION CABLES TO FIXTURE OR SHORT CIRCUIT WILL OCCUR!**
- **ENSURE POWERED SUSPENSION CABLES ARE ATTACHED TO CORRECT POLARITIES ON FIXTURE AND INSIDE CANOPY. SEE LABELS ON FIXTURE FOR DETAILS.**
- Possible loose low voltage DC + or - connection between LED boards or from LED driver to LED boards.
- Some fixtures need multiple LED drivers. In this case, it's possible one of the drivers is defective, which will cause the LED connected to the driver not to illuminate. Call tech support.
- Ensure no wires are pinched between parts after joining connectors.

Fixture section(s) are flickering

- Possible loose low voltage DC + or - connection between LED boards.

Fixture does not dim

- **0-10V, DMX, and DALI Dimming Models:** Ensure polarity is correct for DATA + and - connections. Swapping DATA + and - connections can cause flickering.
- **TRIAC Dimming Models:** Ensure a compatible TRIAC Forward Phase dimmer is connected to fixture. Call tech support for further information.
- Possible loose DATA + and - connections from fixture to 0-10V control.