

HP-1 Direct Installation Instructions

Overview

NOTES

- If the luminaire contains a sensor, refer to the Sensor Addendum.
- All power connections should be installed according to local/national codes by a Certified Electrician.
- This installation requires proper support as each luminaire is being installed.
- **DO NOT attempt to join luminaires together on the floor. Damage may result when lifted.**



HELPFUL
VIDEOS

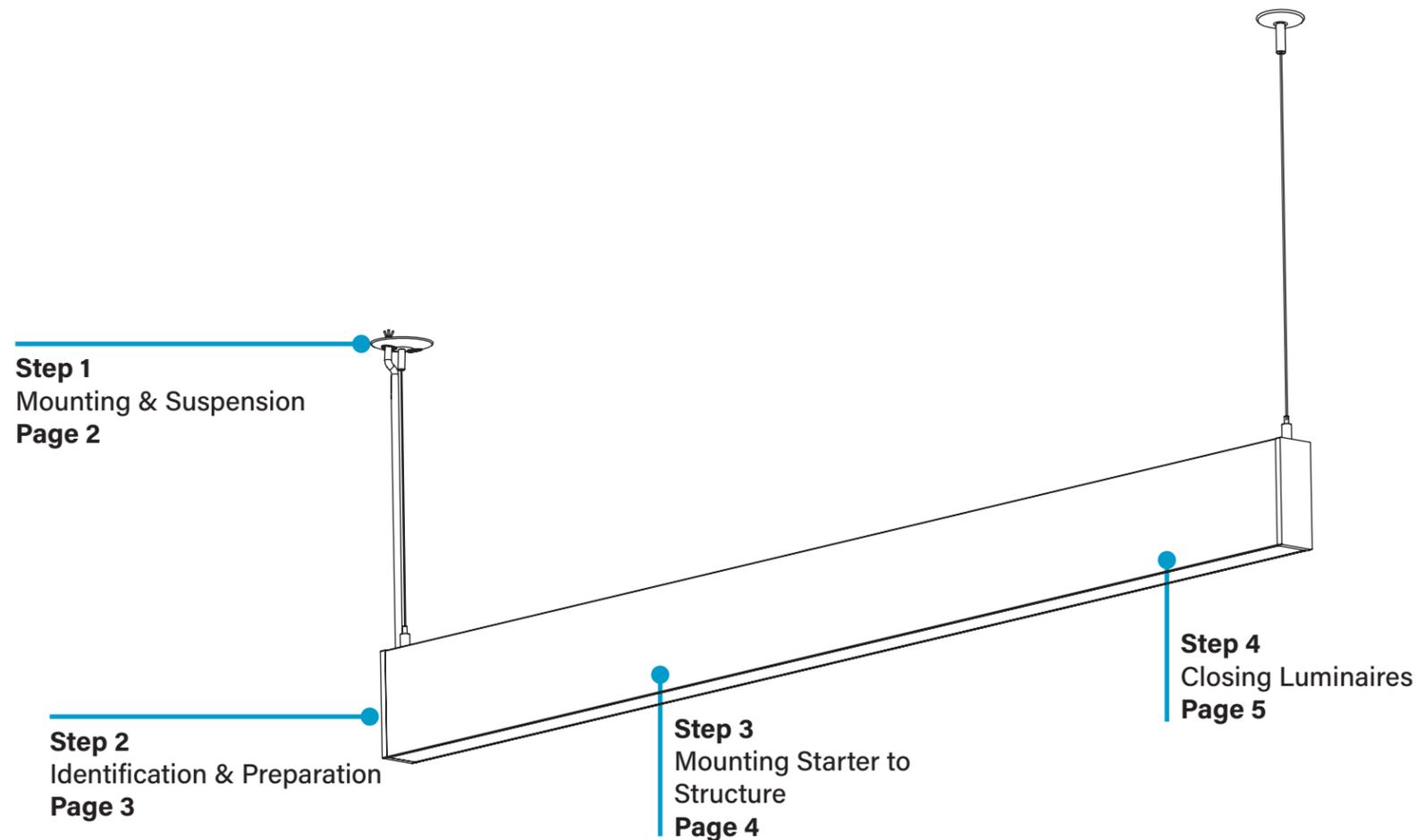


0-10V
Dimming



Simple
Plug-Together
Wiring

Step 4 - Closing Luminaires



HP-1 Direct Installation Instructions

Step 1 - Mounting & Suspension

Mounting Options

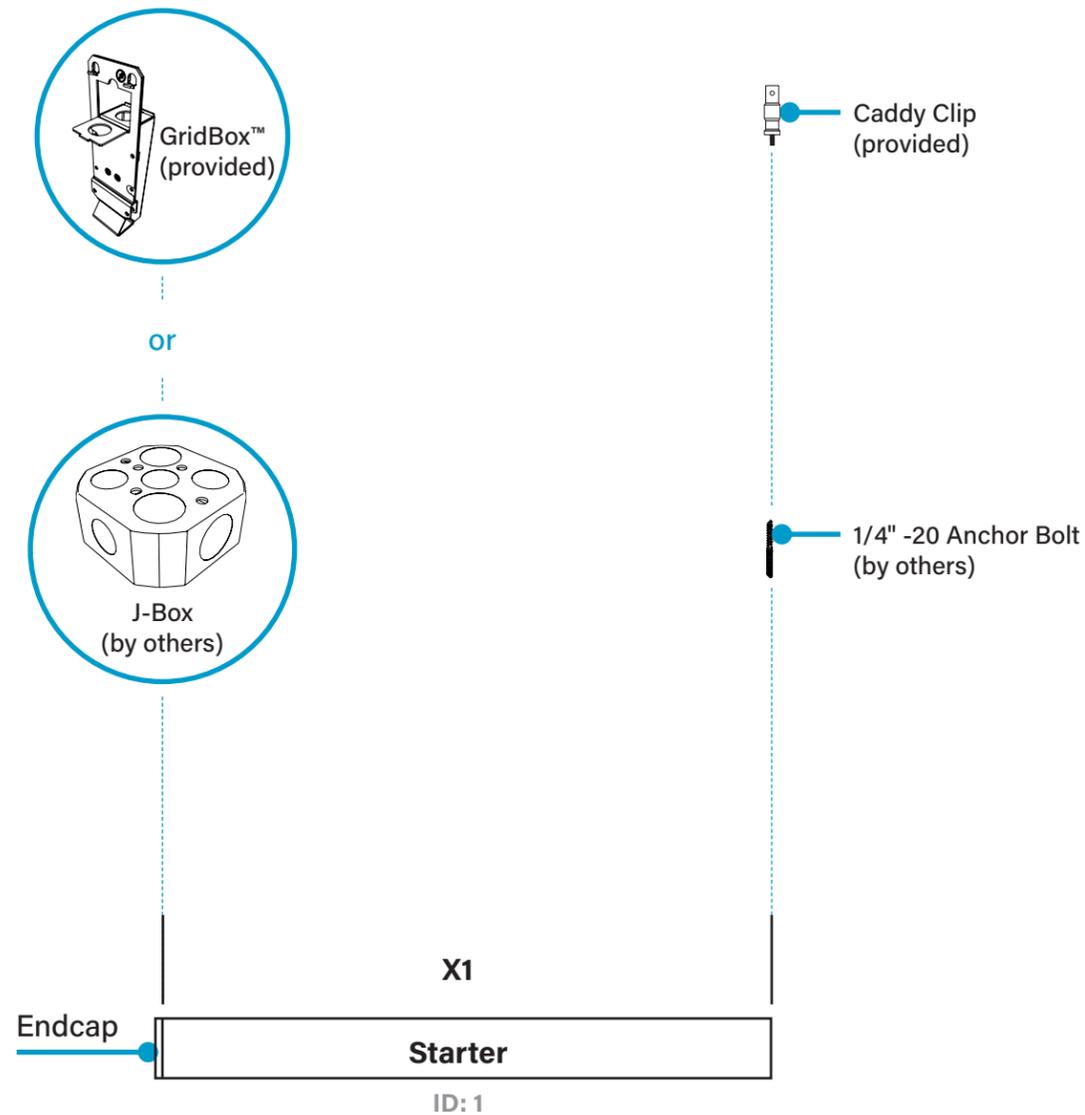
Option 1 T-Bar Mounting - GridBox™ and Caddy Clips

- Install GridBox™ and electrical conduit at feed locations.
- Install caddy clips at mounting point locations.
- All caddy clips are to be secured to the structure, per local building codes.

Option 2 Drywall (C4) or other hard surfaces* - J-Box and Anchor Bolts

- Install J-Box and electrical conduit at feed locations.
- Install anchor bolts at mounting point locations.
- All anchor bolts are to be secured to the structure, per local building codes.

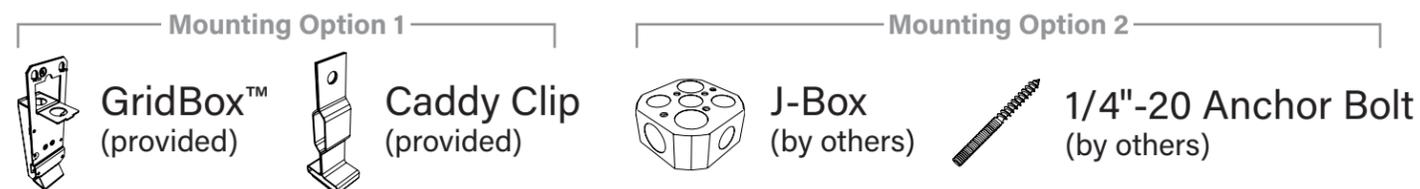
* Other hard surfaces include: wood, sheet metal panels, steel beams, concrete or masonry. Use hardware appropriate for each surface material type.



Suspension Locations

X = Suspension Dimensions

Refer to Record Drawings and building plans to determine exact mounting, suspension points, and power feed locations.



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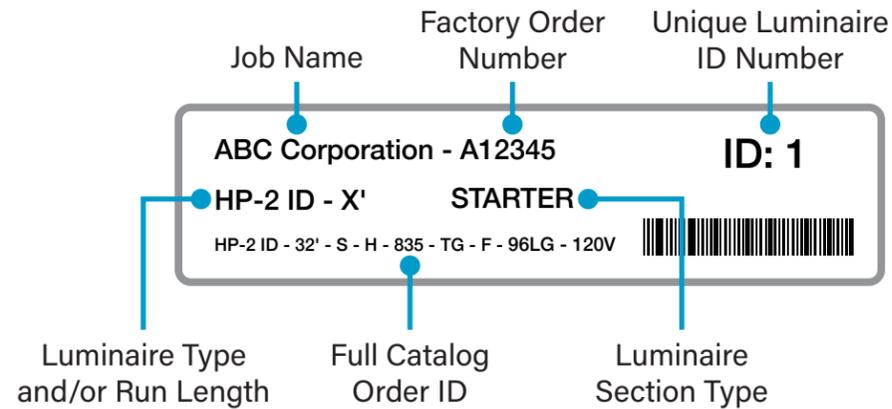
Step 2 - Identification & Preparation

A. Identify Luminaires



CAUTION

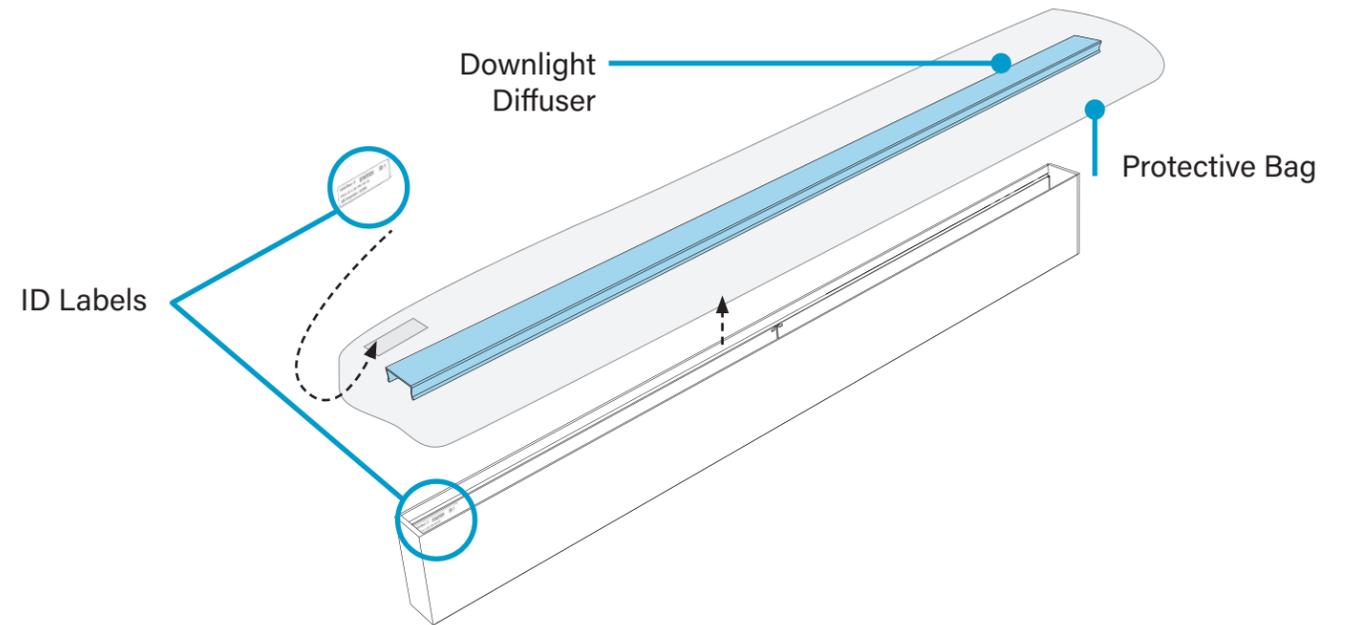
Arrange luminaires in order according to ID# at their install locations.



- Identify all luminaires by their ID label that can be found on the box, the diffuser, and inside the luminaire.
- NOTE: Exact location of labels in these areas may vary.
- Remove all luminaires from their box.
- Refer to Record Drawings that can be found in the hardware kit.

B. Remove Downlight Diffusers

Remove Diffusers



- Carefully remove all downlight diffusers, keeping them inside their protective bags.
- Set aside all downlight diffusers to prevent from getting dirty or damaged.
- Ensure downlight diffusers can be identified back to their corresponding luminaire.

Kitted Hardware

- Finelite has provided items listed here, with their Finelite part numbers. These items can be found in separate boxes shipped with the luminaire.
- Account for all parts and set aside until they are needed.
- All other hardware needed for this installation will be by others.

Mounting Option 1



GridBox™
Part# 89159

Dual GridBox™
Part# 89199
Mounting & Suspension
p. 2, Step 1



Caddy Clip
C1 Ceiling - Part# 94001
C2 Ceiling - Part# 94020
C3 Ceiling - Part# 94029
Mounting & Suspension
p. 2, Step 1



3-1/2" Canopy
Part# 89191

3-1/2" Dual Feed Canopy
Part# 89192
Mounting Starter to Structure
p. 4, Step 3
Joining Luminaires
p. 5, Step 4



3-1/2" T-Bar Support Canopy
Part# 89193
Mounting Starter to Structure
p. 4, Step 3
Joining Luminaires
p. 5, Step 4

Mounting Option 2



5" Canopy
Part# 94085

5" Dual Feed Canopy
Part# 94145
Mounting Starter to Structure
p. 4, Step 3
Joining Luminaires
p. 5, Step 4



2" Drywall Support Canopy
Part# 94017
Mounting Starter to Structure
p. 4, Step 3
Joining Luminaires
p. 5, Step 4



Cable Bushing
Part# 94014

Aircraft Cable
50" - Part# 94515-12 (Std.)
100" - Part# 94515-14
150" - Part# 94515-18
Mounting Starter to Structure
p. 4, Step 3
Joining Luminaires
p. 5, Step 4



Safety Crimp
Part# 94514
Closing Luminaires
p. 4, Step 3

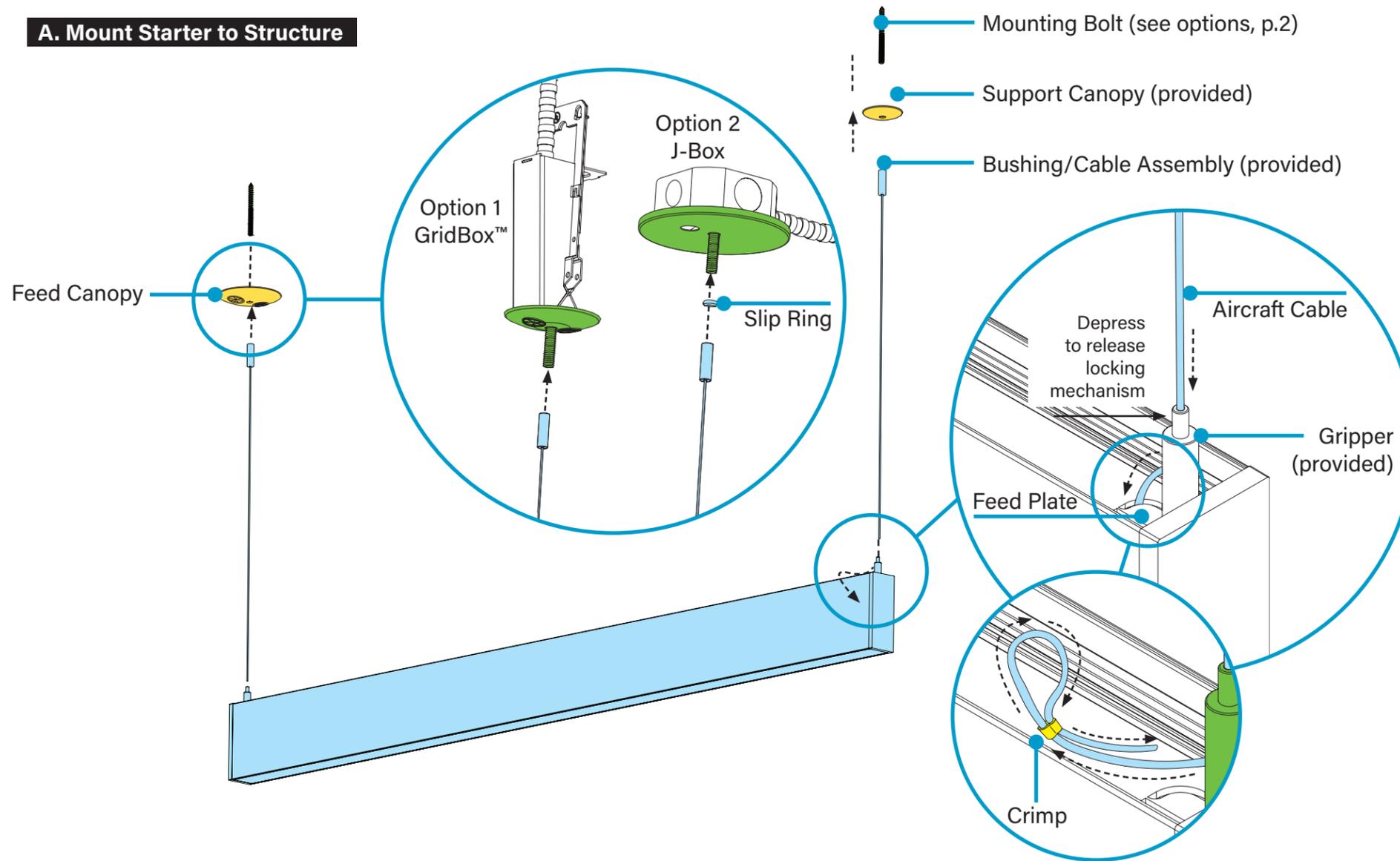


Slip Ring w/ Set Screw
Part# 94015
Mounting Starter to Structure
p. 4, Step 3
Joining Luminaires
p. 5, Step 4

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Step 3 - Mounting Starter to Structure

A. Mount Starter to Structure

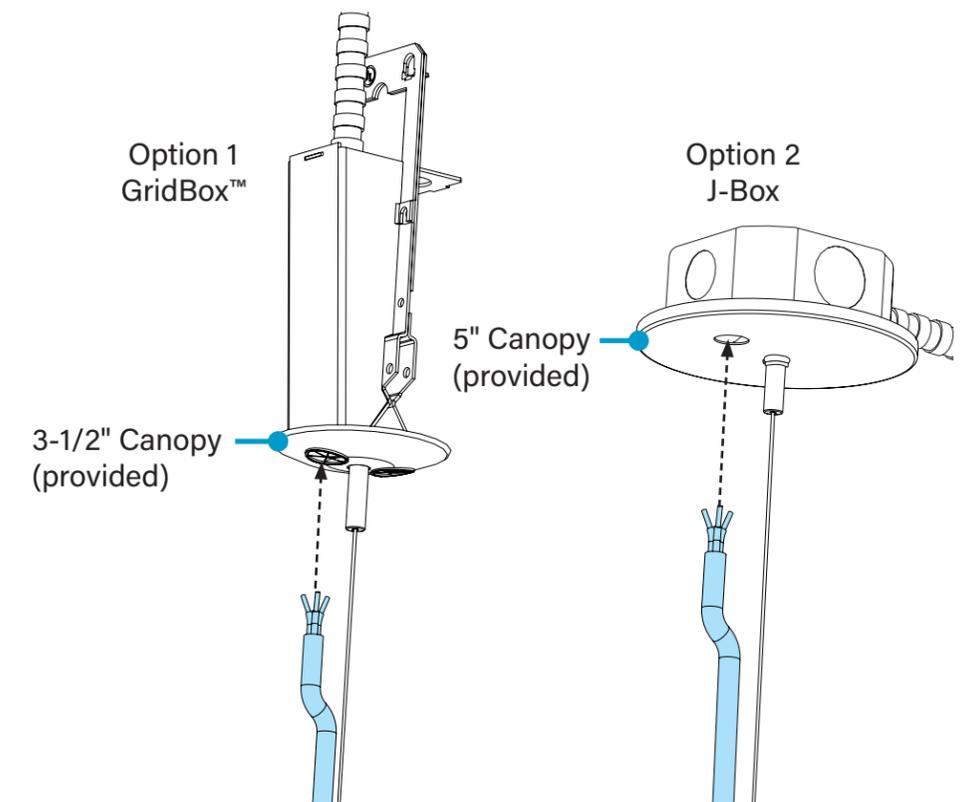


- Slide canopy appropriate for electrical type options onto mounting bolt (anchor bolt or caddy clip bolt).
- (Option 2 only) Thread the Slip Ring onto anchor bolts and secure it with a set screw at both mounting locations.
- Thread the bushing/cable assembly onto mounting bolts.
- While properly supporting the luminaire, maneuver the luminaire to the ceiling.

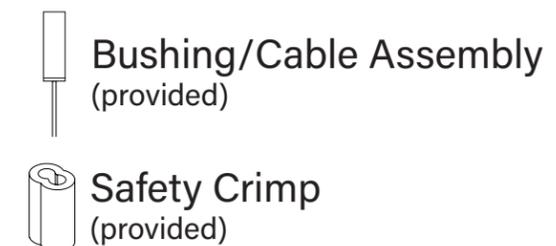
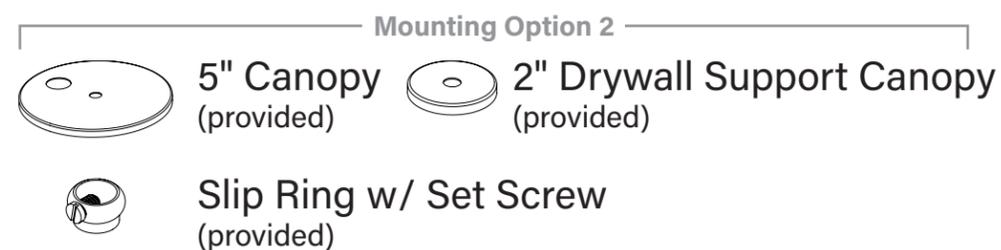
- Depress the top of the gripper to feed the Aircraft Cable through.
- Loop cable through Crimp then cut the excess cable.
- Tuck cable into the feed plate.

B. Make Electrical Connections

| WIRING LEGEND | | |
|---------------|---------|--------------|
| Black | Hot | Line Voltage |
| White | Neutral | Line Voltage |
| Green | Ground | |
| Pink | Dimming | 0-10V DC |
| Purple | Dimming | 0-10V DC |



- (Option 1) Feed power cord through the 3-1/2" canopy and connect wires inside the GridBox™.
- (Option 2) Feed power cord through the 5" canopy and connect wires inside the J-Box.
- **CRITICAL: If installing an independent luminaire, perform all leveling. PROCEED TO STEP 6.**

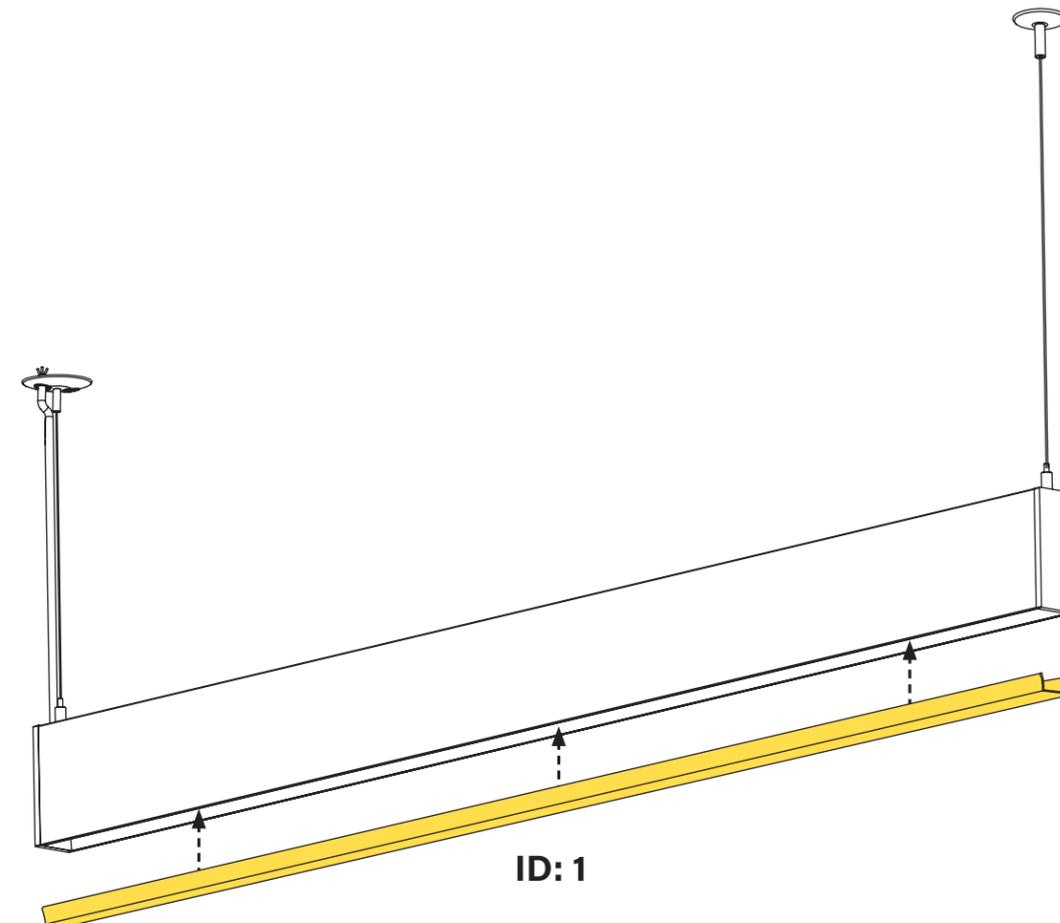


0-10V Dimming

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Step 4 - Closing Luminaires

A. Final Step - Replace Diffusers



- NOTE: If your installation includes a battery backup, please see the addendum (98333) that should be included with your kitting package.
- Remove diffusers from protective plastic bags.
- **CAUTION: Wear gloves to keep the diffuser or louver surface clean.**
- **CRITICAL: Be sure to install the correct diffuser to its corresponding luminaire ID.**
- Install diffuser into luminaire body, ensuring it snaps into place.
- Turn power on to luminaires.