

HP-4 Wet Location Direct Stem Installation Instructions

Overview

NOTES

- 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



Effortless
Access



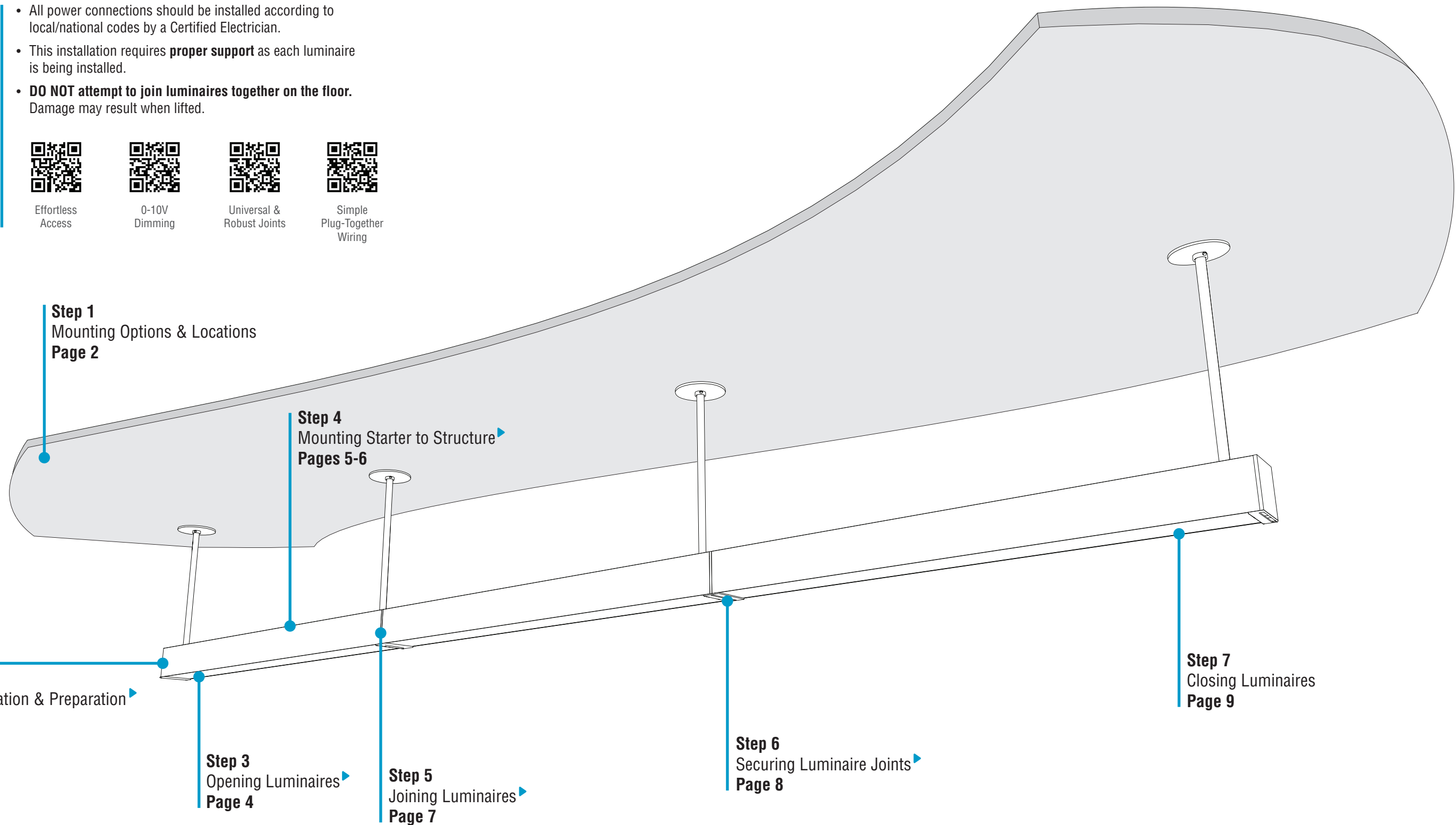
0-10V
Dimming



Universal &
Robust Joints



Simple
Plug-Together
Wiring



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HP-4 Wet Location Direct Stem Installation Instructions

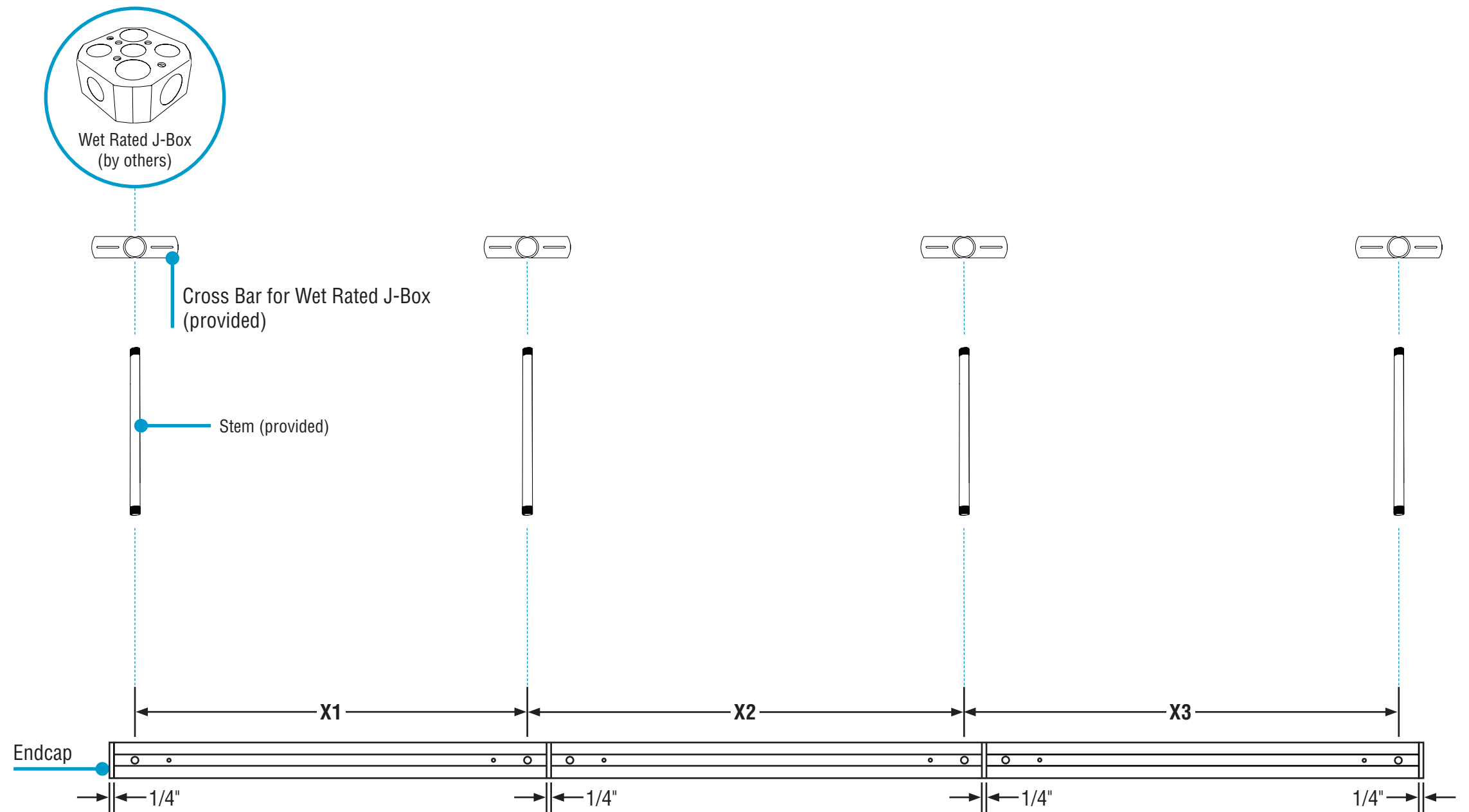
Step 1 - Mounting Options & Locations

Mounting Options

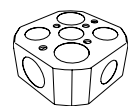
- Install Wet Rated J-Box at feed locations.
- Other hard surfaces include: wood, sheet metal panels, steel beams, concrete, or masonry. Use hardware appropriate for each surface material type.

Mounting Locations

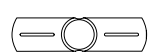
- X = Luminaire section length
(X Measurements **do not include** endcaps or joint adapters)



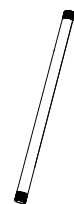
- Refer to Record Drawings and building plans to determine exact mounting, suspension points, and power feed locations.
- **CRITICAL:** Must be secured to support blocking (studs)¹.



Wet Rated J-Box
(by others)



Cross Bar
(provided)



Stem
(provided)

¹ Support blocking = Wooden beams/studs, sheet metal framing beams, steel beams, concrete beams, etc. Use hardware appropriate to the blocking material.

HP-4 Wet Location Direct Stem Installation Instructions

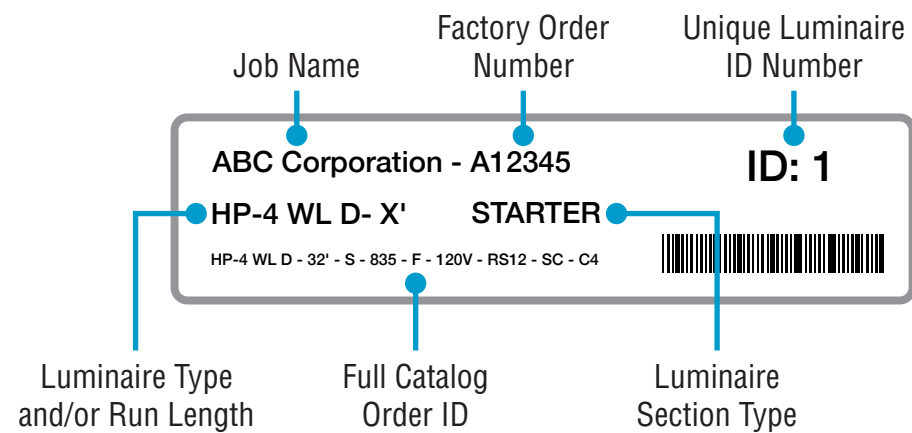
Step 2 - Identification & Preparation

A. Identify Luminaires



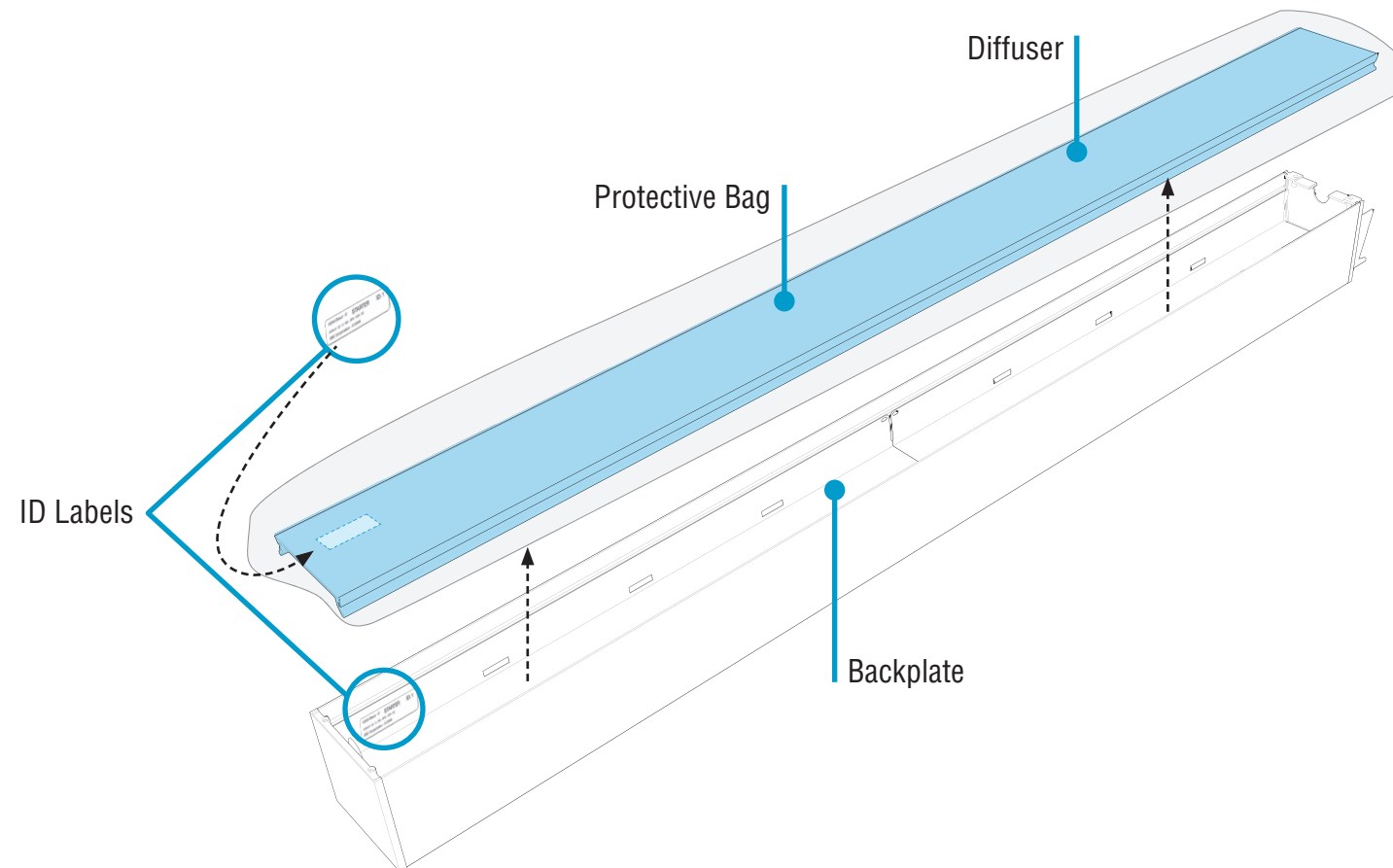
Arrange luminaires in order according to ID# at their install locations.

CAUTION



- 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.

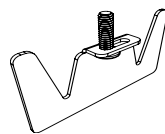
C. Remove Diffusers Top-Down View



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

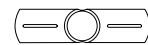


Yoke Bracket
Part# 43659

Washer
Part# 94111

#10-32 x 5/8" Screw
Part# 94144
Securing Luminaire Joints
p. 8, Step 6

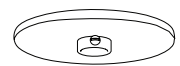
Stem
Part# 43690
Mounting Starter to Structure
p. 5, Step 4
Joining Luminaires
p. 7, Step 5



Cross bar
Part# 43699
Mounting Starter to Structure
p. 5, Step 4
Joining Luminaires
p. 7, Step 5



Hex Key
Part# 94216
Identification & Preparation
p. 3, Step 2
Closing Luminaires
p. 9, Step 7



Canopy
Part# 43697
Mounting Starter to Structure
p. 5, Step 4
Joining Luminaires
p. 7, Step 5



Sealing O-Ring
Part# 43696
Mounting Starter to Structure
p. 5, Step 4
Joining Luminaires
p. 7, Step 5



Jam Nut
Part# 43695
Mounting Starter to Structure
p. 5, Step 4
Joining Luminaires
p. 7, Step 5

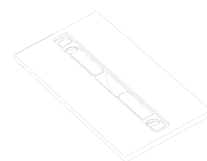


Canopy Screw
#6-32 x 3/8" Screw - Part# 76404
Closing Luminaires
p. 9, Step 7



Diffuser Screw
#6-32 x 3/8" Screw - Part# 76404

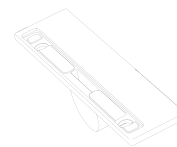
Identification & Preparation
p. 3, Step 2
Closing Luminaires
p. 9, Step 7



Joint Diffuser Cover
Part# 43740
Identification & Preparation
p. 3, Step 2
Closing Luminaires
p. 9, Step 7



Screw Cover
Part# 43637
Identification & Preparation
p. 3, Step 2
Closing Luminaires
p. 9, Step 7



Endcap Diffuser Cover
Part# 43738
Identification & Preparation
p. 3, Step 2
Closing Luminaires
p. 9, Step 7



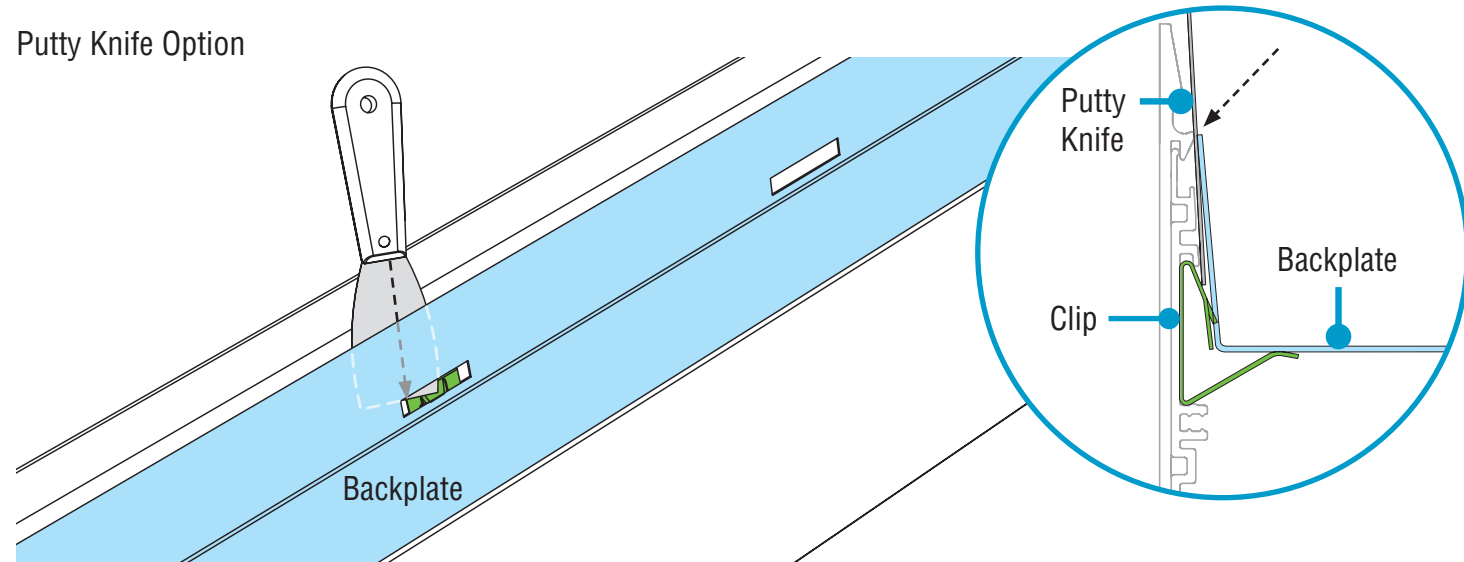
Effortless Access

HP-4 Wet Location Direct Stem Installation Instructions

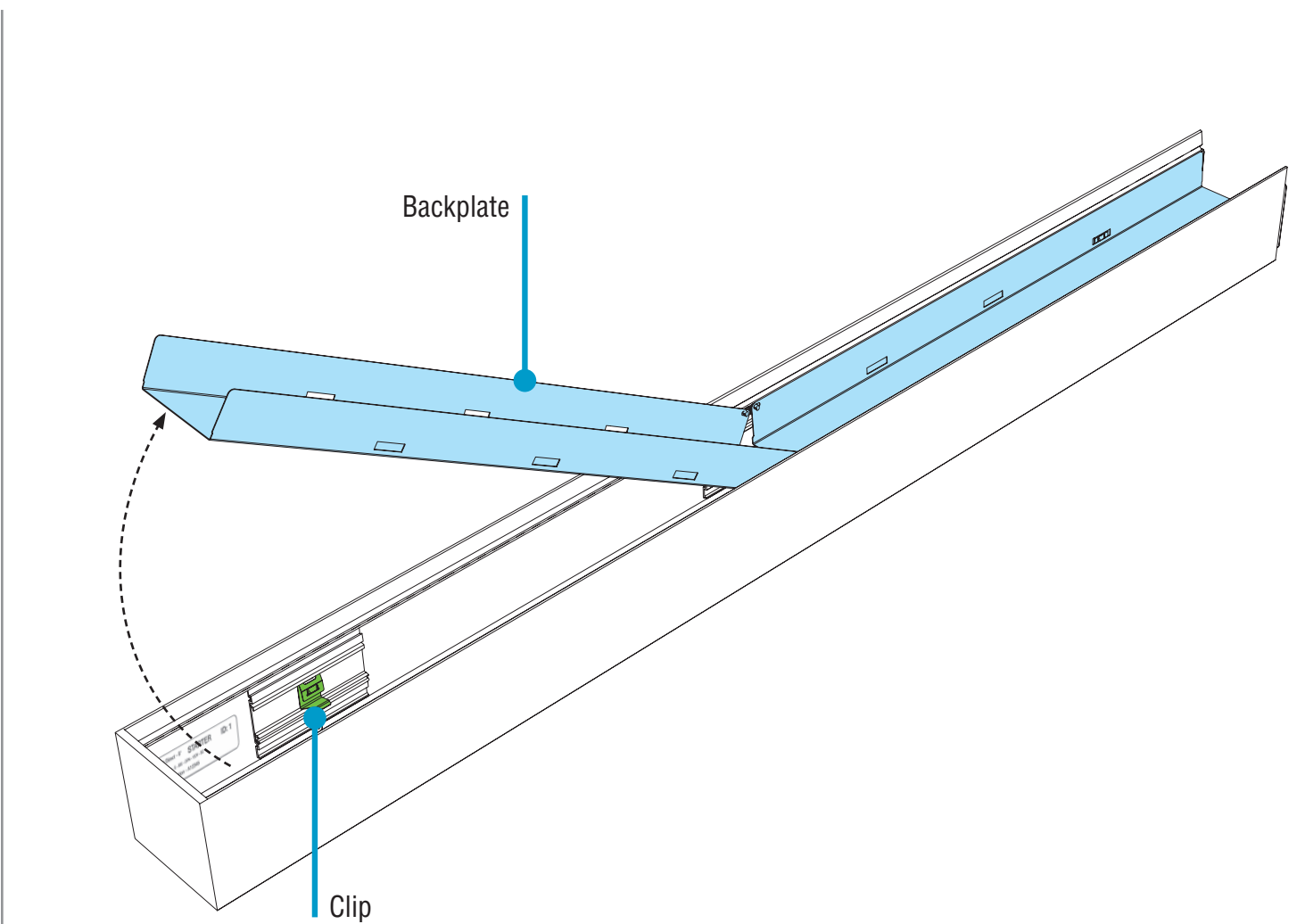
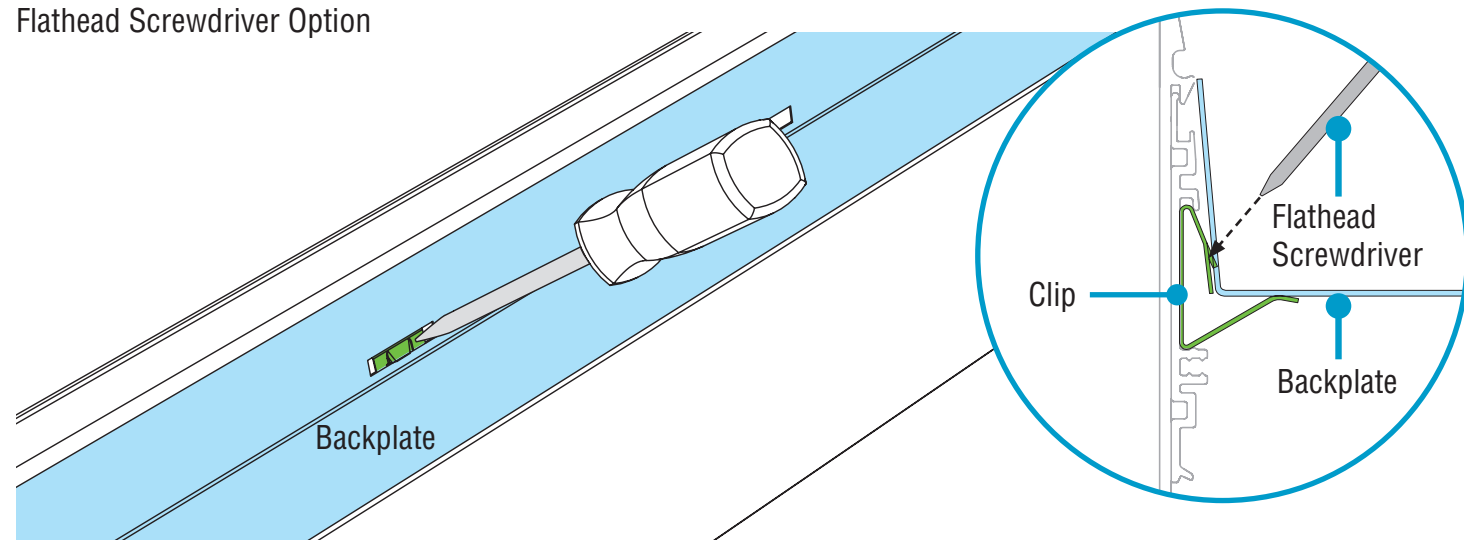
Step 3 - Opening Luminaires

Release Backplates Top-Down View

Putty Knife Option



Flathead Screwdriver Option



- Open all backplates for access to mounting points.
- Release the backplates from clips by sliding the blade of a putty knife behind backplate edges.
- To use a flathead screwdriver: From inside backplate, press end of screwdriver against the clip until the backplate is released.

- Carefully rotate backplates out and let them hang from luminaire body.

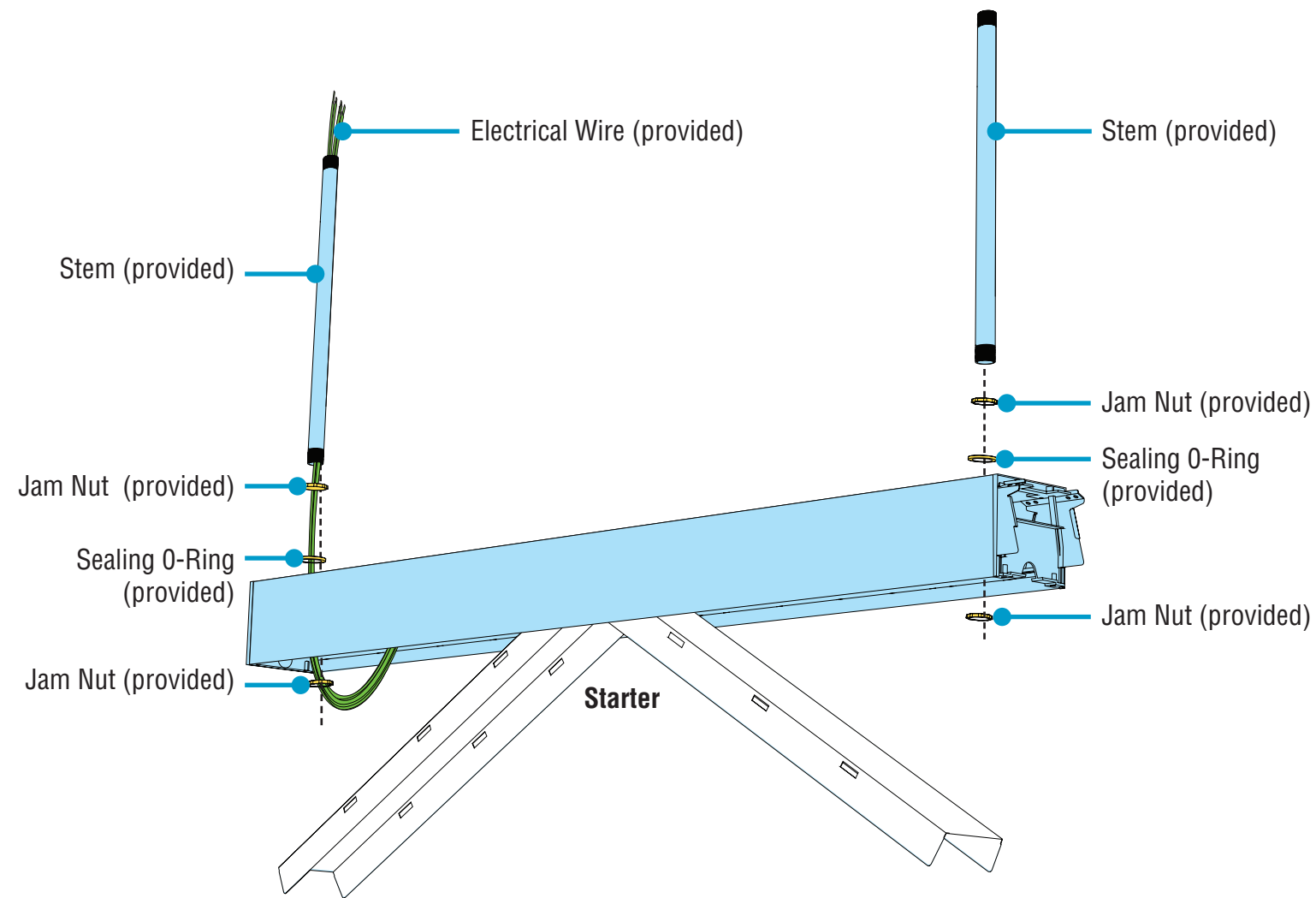


Effortless
Access

HP-4 Wet Location Direct Stem Installation Instructions

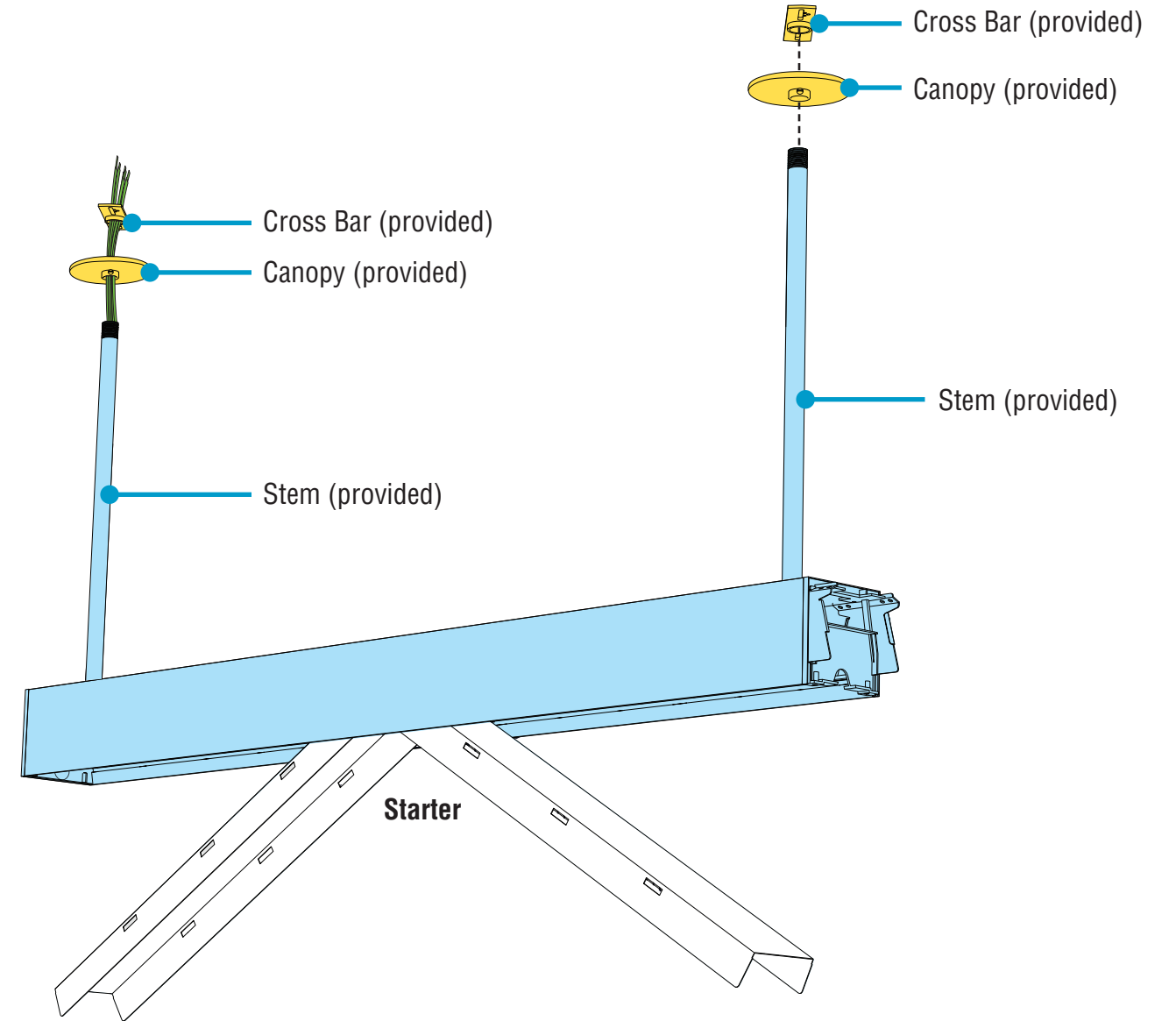
Step 4 - Mounting Starter to Structure

A. Assemble Stem Bottom-Up View



- Install sealing o-ring and jam nut onto stem.
- Feed electrical wire through jam nut and stem before securing the stem onto the luminaire by tighten the jam nut.

B. Assemble Canopy & Cross Bar Bottom-Up View



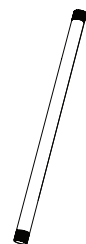
- Slide the canopy onto the stem.
- Install the cross bar to the stem.



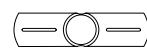
Jam Nut
(provided)



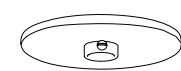
Sealing O-Ring
(provided)



Stem
(provided)



Cross Bar
(provided)



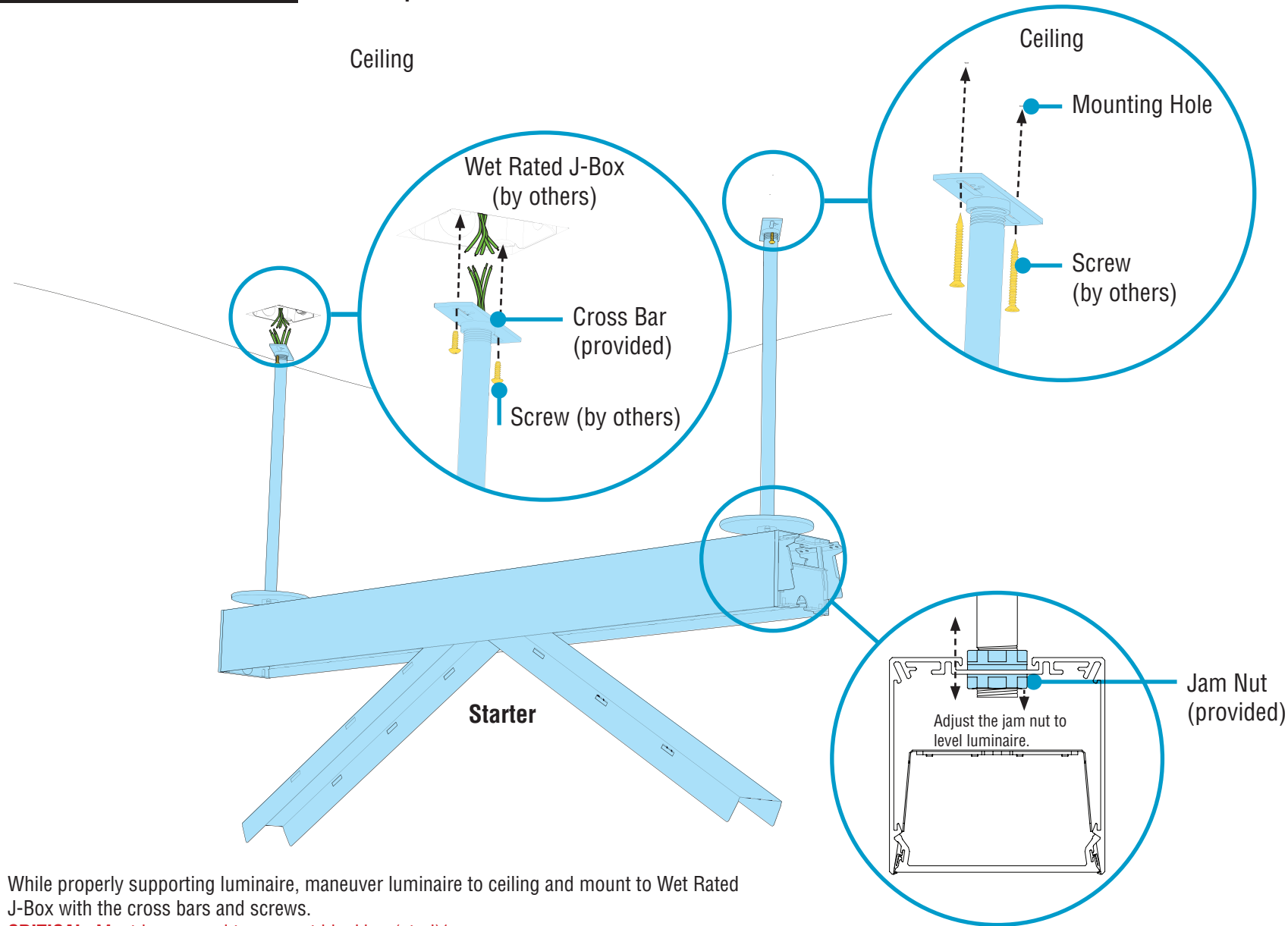
Canopy
(provided)

CONTINUED

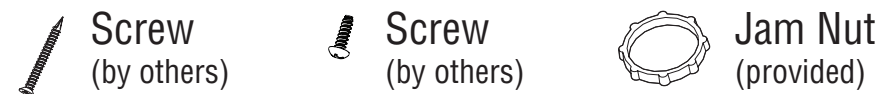
HP-4 Wet Location Direct Stem Installation Instructions

Step 4 - Mounting Starter to Structure

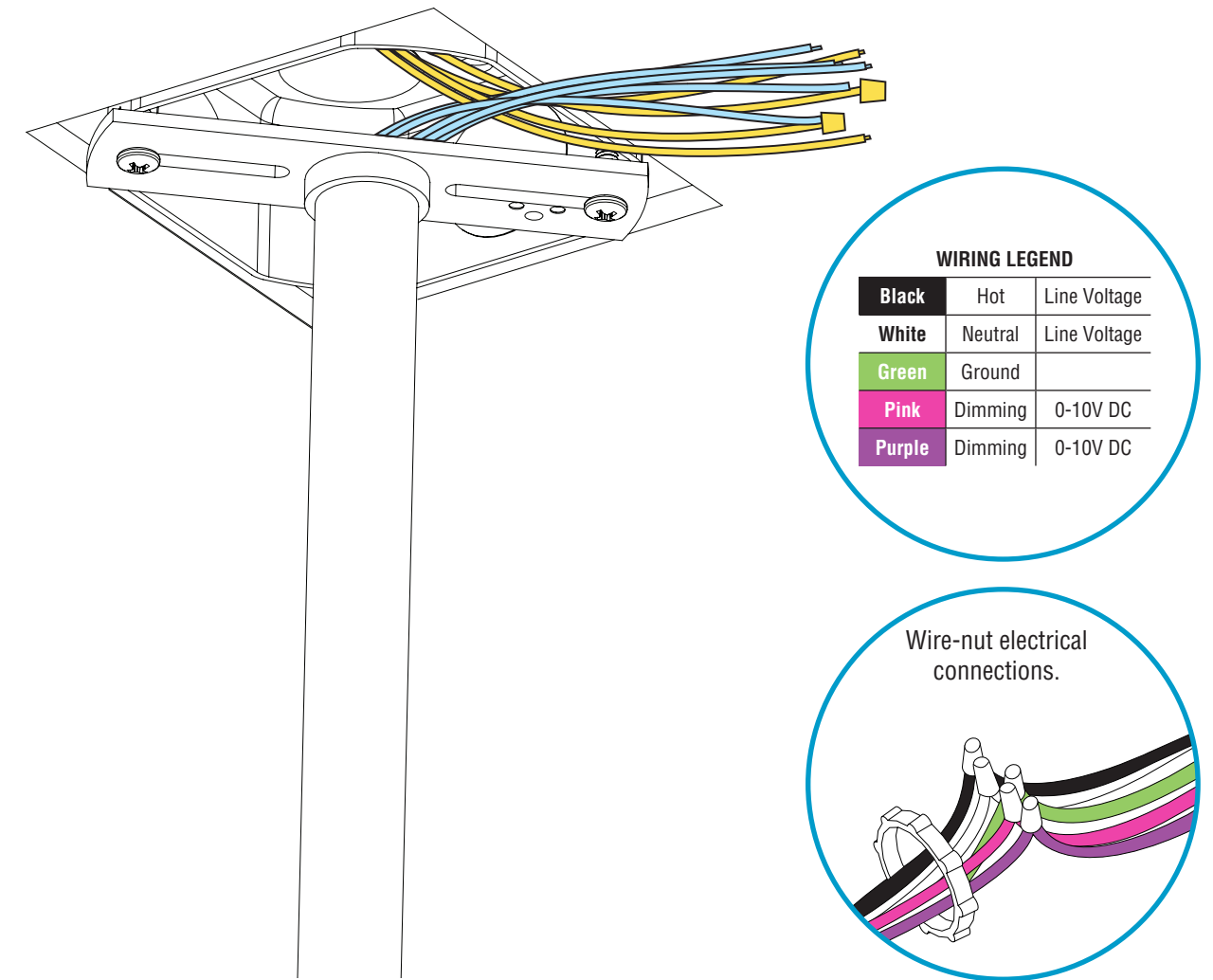
C. Mount Starter to Structure Bottom-Up View



- While properly supporting luminaire, maneuver luminaire to ceiling and mount to Wet Rated J-Box with the cross bars and screws.
- **CRITICAL:** Must be secured to support blocking (stud)¹.
- **CRITICAL:** If installing a joiner luminaire in the next step, level and tighten starter by adjusting jam nut on the bottom stems.
- If there is no joiner/ender, then tighten the screws fully.



D. Make Electrical Connections Bottom-Up View



- Make electrical connections.

¹ Support blocking = Wooden beams/studs, sheet metal framing beams, steel beams, concrete beams, etc. Use hardware appropriate to the blocking material.



0-10V
Dimming

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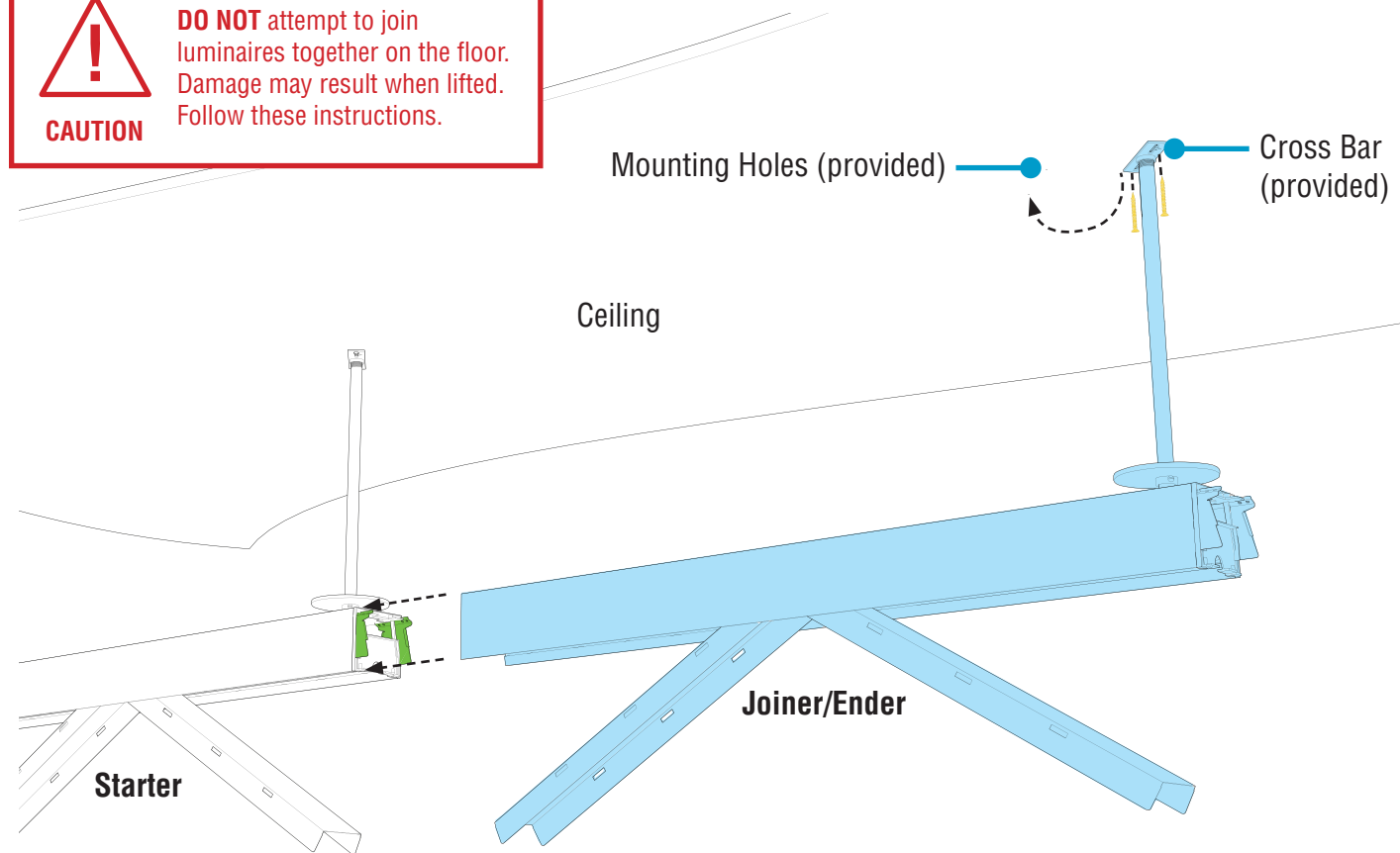
Step 5 - Joining Luminaires

A. Mount Joiner/Ender to Structure Bottom-Up View



CAUTION

DO NOT attempt to join luminaires together on the floor. Damage may result when lifted. Follow these instructions.

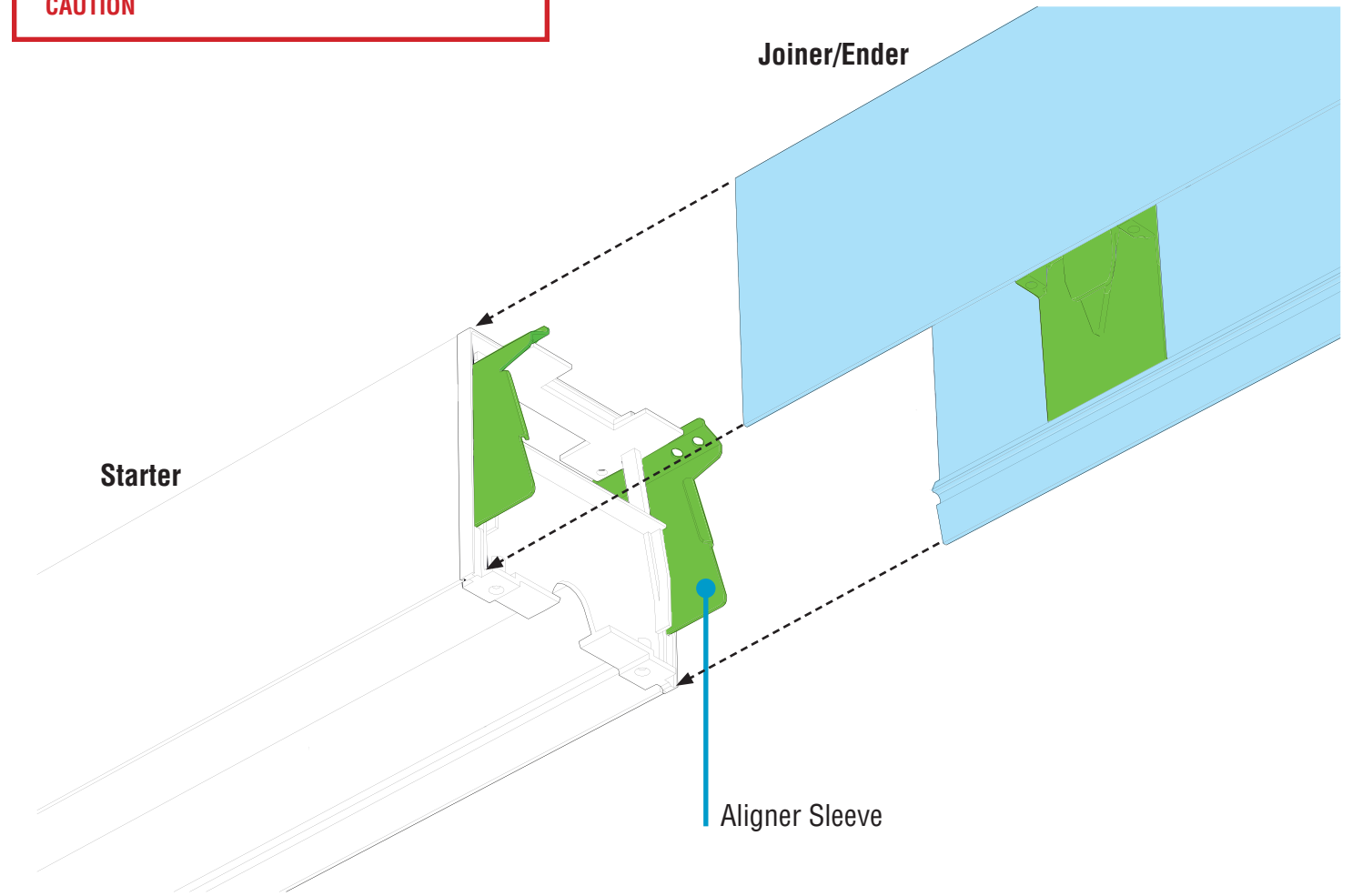


B. Join Luminaires Bottom-Up View



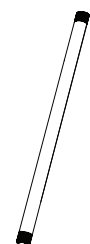
CAUTION

Once luminaires are aligned together, **joiner luminaire is not yet secure.** Ensure it does not slide off as it rests on the starter luminaire.

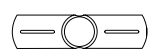


- While properly supporting luminaire, maneuver joiner/ender luminaire to ceiling.
- Align joiner/ender with aligner sleeves on starter before mounting the cross bar to ceiling.
- Level the luminaires at the far end of the joiner/ender by adjusting the jam nut.

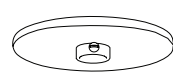
- Align joiner/ender with aligner sleeves on starter and slide together. Be careful not to damage any wiring.



Stem
(provided)



Cross Bar
(provided)



Canopy
(provided)



Screw
(by others)

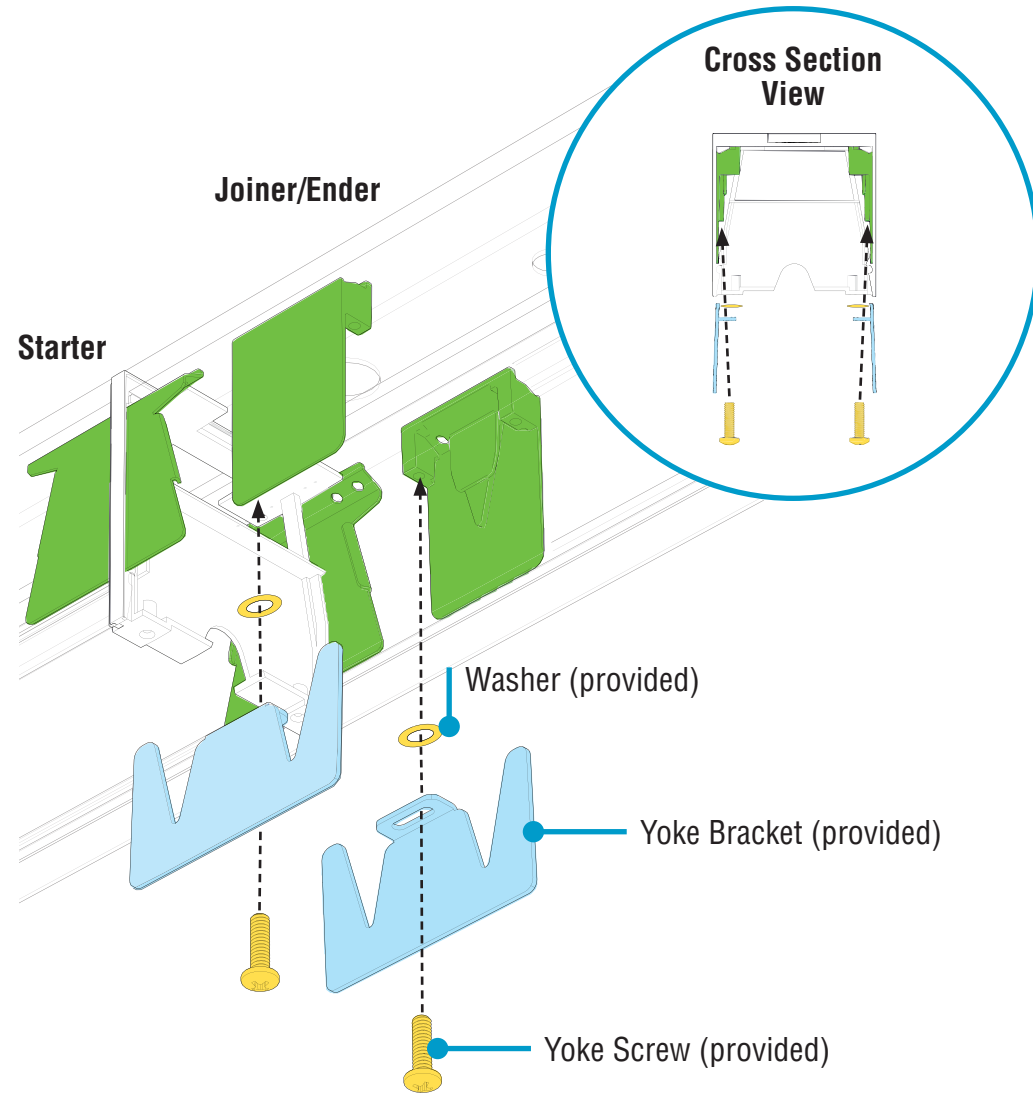


Universal &
Robust Joints

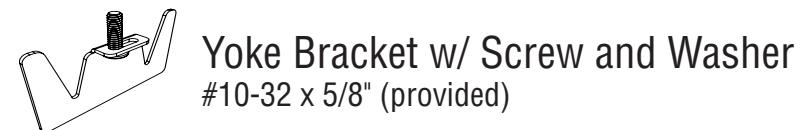
HP-4 Wet Location Direct Stem Installation Instructions

Step 6 - Securing Luminaire Joints

A. Secure Joint with Yoke Brackets Bottom-Up View

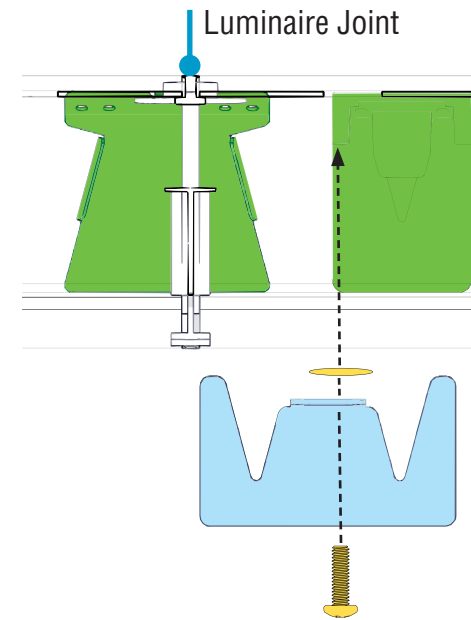


- Before installing yoke brackets, ensure the joining ends of luminaires meet flush and square.
- **CRITICAL:** Ensure yoke brackets properly engage with aligner sleeves.
- Secure joint by threading (but not yet tightening) yoke screws through yoke brackets and washers and into the aligner sleeves.
- Tighten yoke screws¹ until joint seam of luminaires is closed.

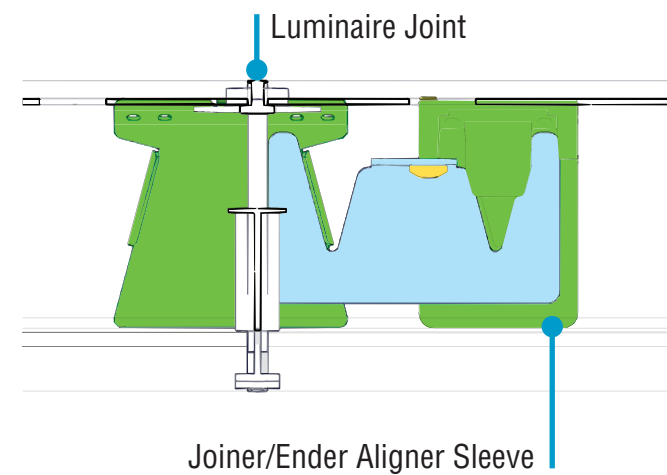


¹ Screwdriver with 6" bit required.

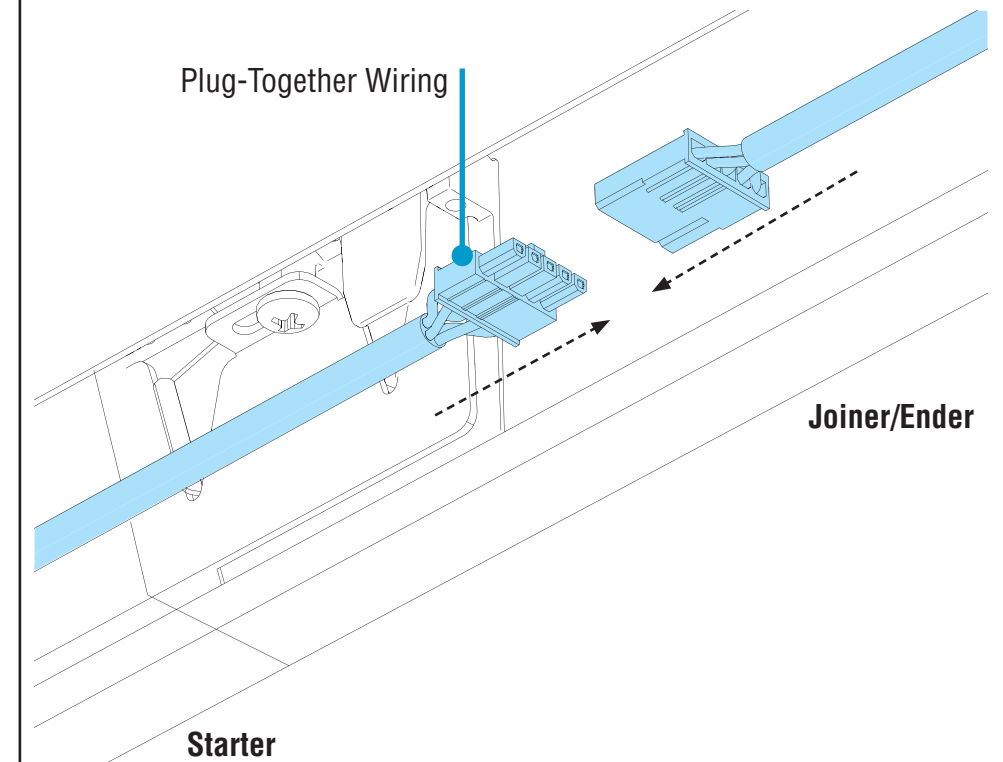
IN ALIGNMENT



CORRECTLY INSTALLED



B. Make Electrical Connections Bottom-Up View



- Connect plug-together wiring.



Universal &
Robust Joints

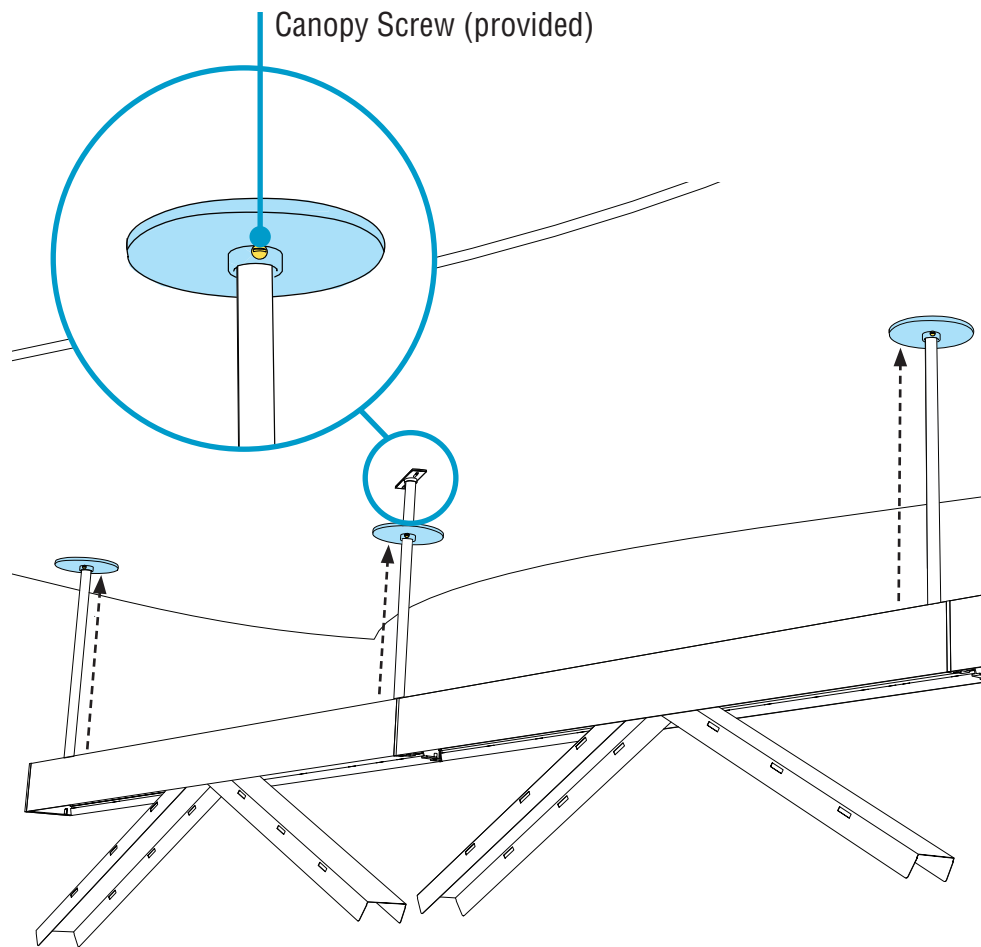


Simple
Plug-Together
Wiring

HP-4 Wet Location Direct Stem Installation Instructions

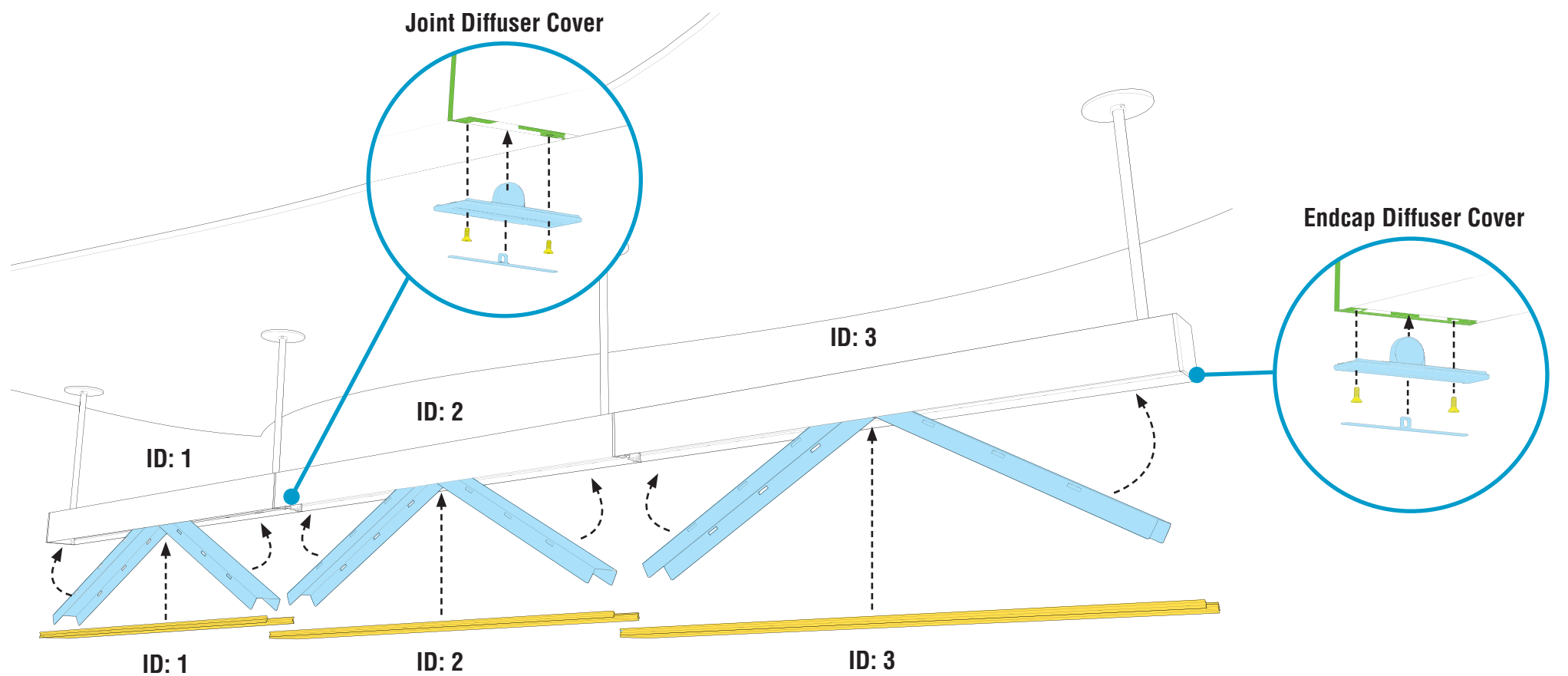
Step 7 - Closing Luminaires

A. Install Canopies Bottom-Up View



- Slide the canopy up to the stem and tighten the canopy screws.

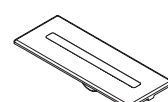
B. Final Step - Replace Backplates, Diffusers & Diffuser Covers Bottom-Up View



- **NOTE:** If your installation includes a battery backup, please see addendum (98333) that should be included with your kitting package.
- Reinstall any open backplates by rotating into luminaire body and snapping back into clips.
- Remove diffusers from protective plastic bag.
- **CAUTION:** Wear gloves to keep diffuser surface clean, take care to wipe off any water or condensation on diffusers before installing into luminaire.
- **CRITICAL:** Be sure to install correct diffuser to its corresponding luminaire ID.
- Install diffusers into luminaire body, ensuring they snap into place.
- Reinstall all endcap and joint diffuser covers.
- Turn power on to luminaire.



Endcap Diffuser Cover (provided)



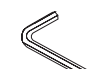
Joint Diffuser Cover (provided)



Screw Cover (provided)



Canopy Screw (provided)



Hey Key (provided)



Diffuser Screw (provided)