

HP-4 Wet Location Wall Mount Direct 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



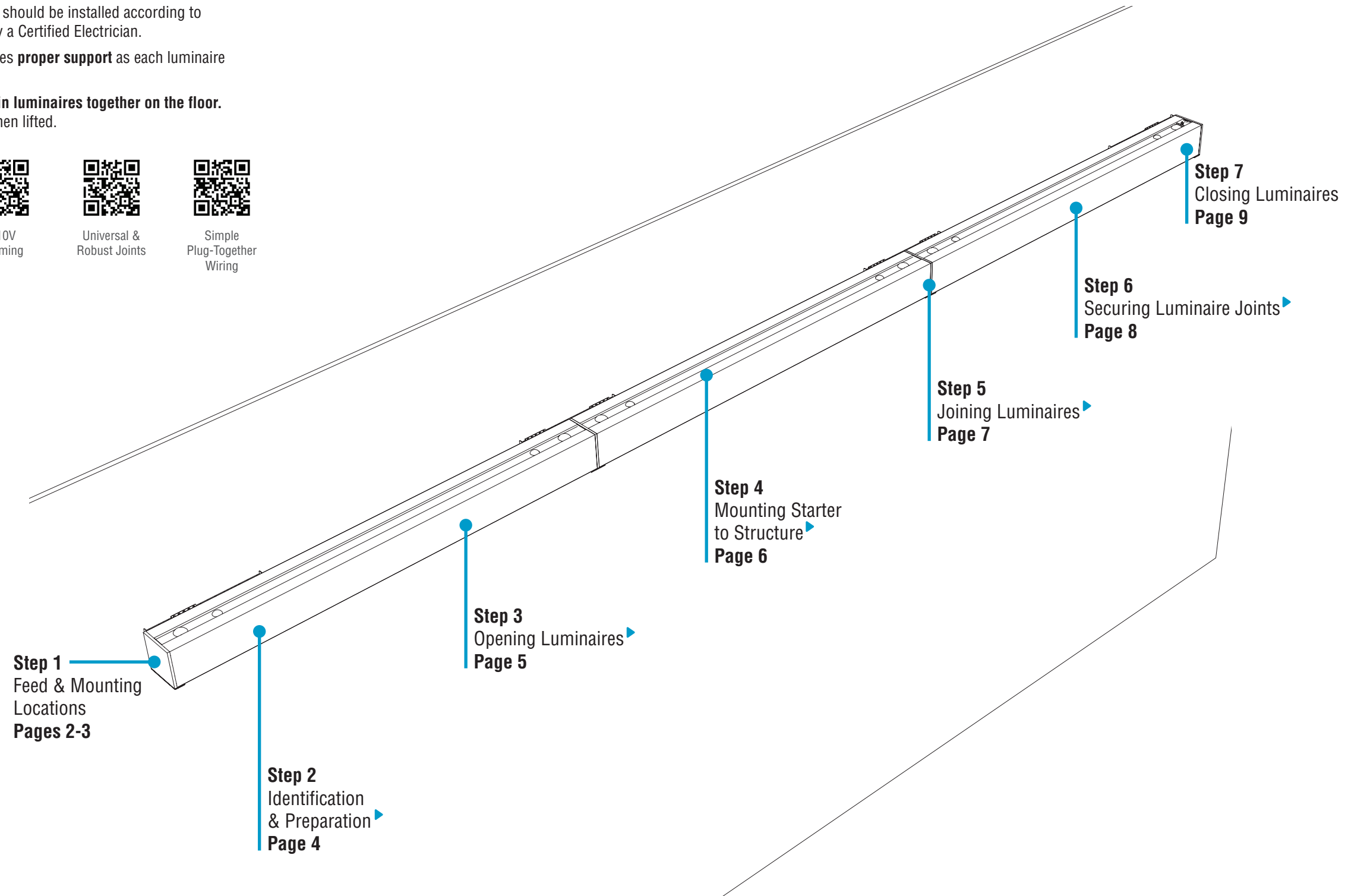
0-10V
Dimming



Universal &
Robust Joints



Simple
Plug-Together
Wiring

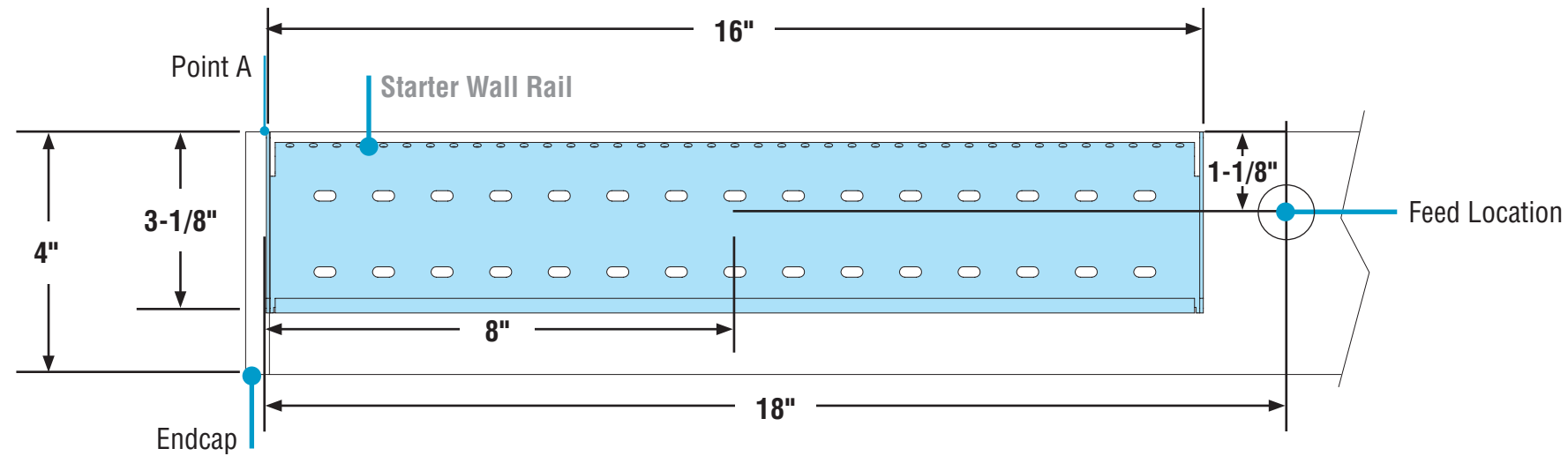


HP-4 Wet Location Wall Mount Direct Installation Instructions

Step 1 - Feed & Mounting Locations

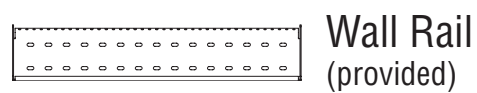
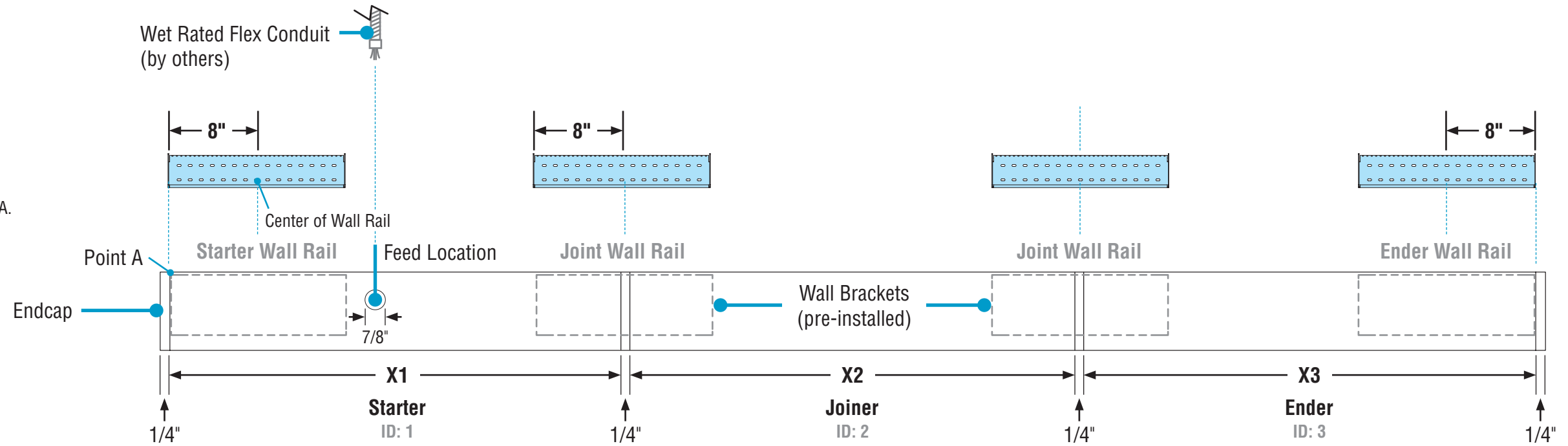
Feed Location

- Position luminaire on wall in desired location.
- Mark the top corner of the luminaire, not including the endcap. This is Point A. Use Point A to find and mark feed location.
- Position and install starter wall rail. (See page 3.)



Mounting Locations

- X = Luminaire section length
(X Measurements **do not include** endcaps)
- Position wall rails as indicated to the right.
 - Center of starter wall rail is 6" ($\pm 3/4"$) from Point A.
 - Ensure wall rail mounts are secured to proper structural support.

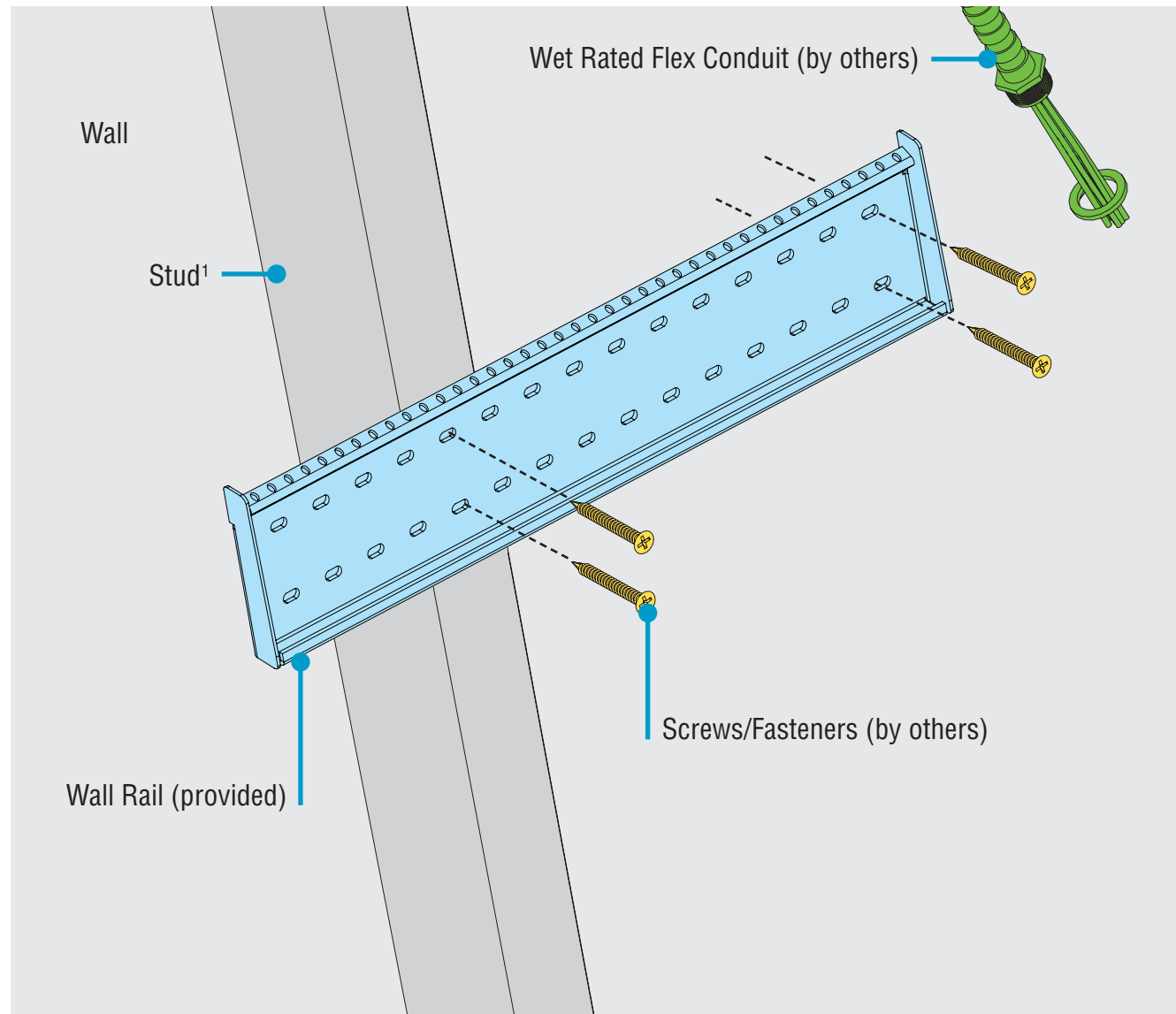


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HP-4 Wet Location Wall Mount Direct Installation Instructions

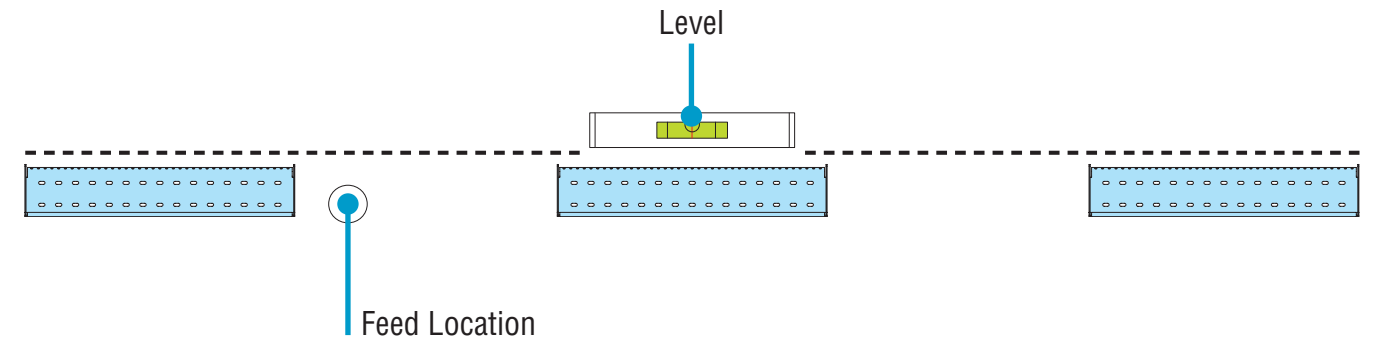
Step 1 - Feed & Mounting Locations

A. Mount Wall Rail

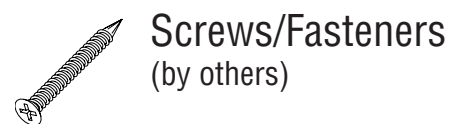
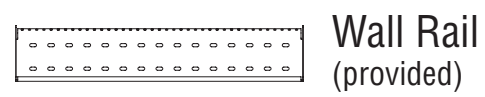


- Level wall rail to ensure proper mounting.
- Install screws through rail and into proper structure support.¹

B. Level Wall Rails



- Install all wall rails, ensuring they are level with each other.



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

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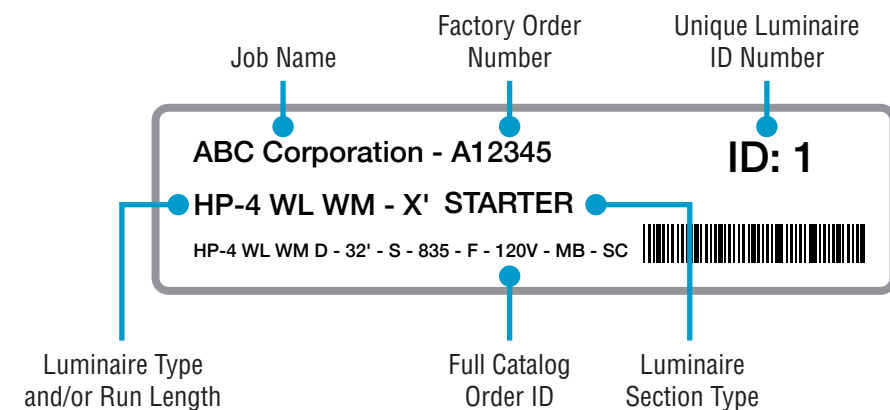
Step 2 - Identification & Preparation

A. Identify Luminaires



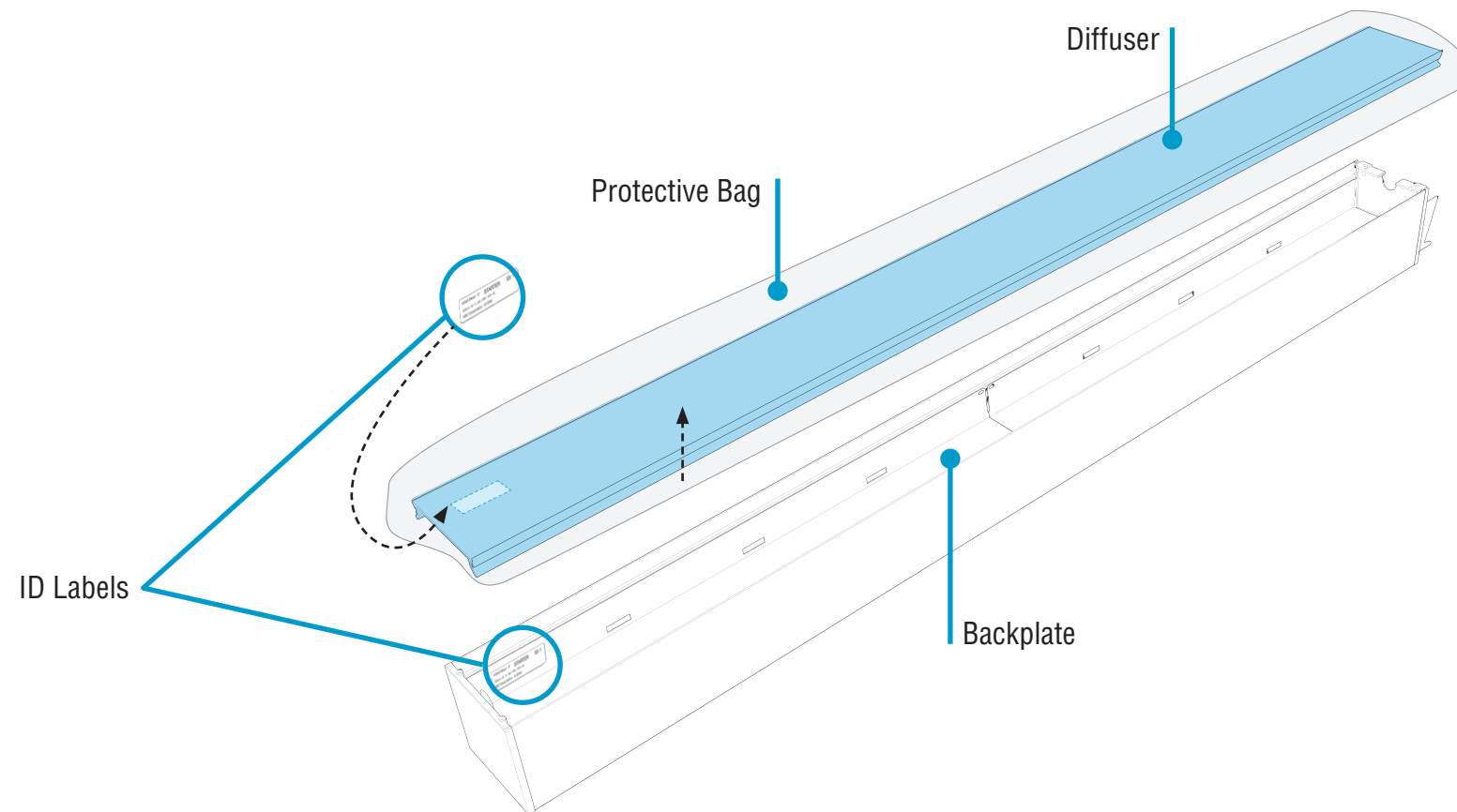
Arrange luminaires in order according to ID# at their install locations.

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.

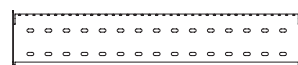
B. Remove Diffusers Top-Down View



- 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

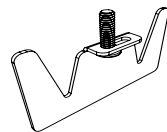
- Finelite has provided items listed here, with their Finelite part numbers. These items can be found in separate boxes shipped with the luminaire.
- Account for all parts and set aside until they are needed.
- All other hardware needed for this installation will be by others.



Wall Rail
Part# 43793
Feed & Mounting Locations
p. 2-3, Step 1



Nylon Nut
Part# 43695
Diameter of thread = 1/2 NPT
Mounting Starter to Structure
p. 6, Step 4



Yoke Bracket
Part# 43659

Washer
Part# 94111

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



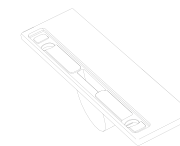
Sealing O-Ring
Part# 43696
Diameter of thread = 0.7875"
Mounting Starter to Structure
p. 6, Step 4



Diffuser Screw
#6-32 x 3/8" Screw - Part# 76404
Identification & Preparation
p. 4, Step 2
Closing Luminaires
p. 9, Step 7



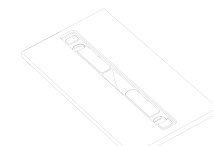
#8-18 x 1/4" Mounting Screw
Part# 94059
Mounting Starter to Structure
p. 6, Step 4
Closing Luminaires
p. 9, Step 7



Endcap Diffuser Cover
Part# 43738
Identification & Preparation
p. 4, Step 2
Closing Luminaires
p. 9, Step 7



Screw Cover
Part# 43637
Identification & Preparation
p. 4, Step 2
Closing Luminaires
p. 9, Step 7



Joint Diffuser Cover
Part# 43740
Identification & Preparation
p. 4, Step 2
Closing Luminaires
p. 9, Step 7



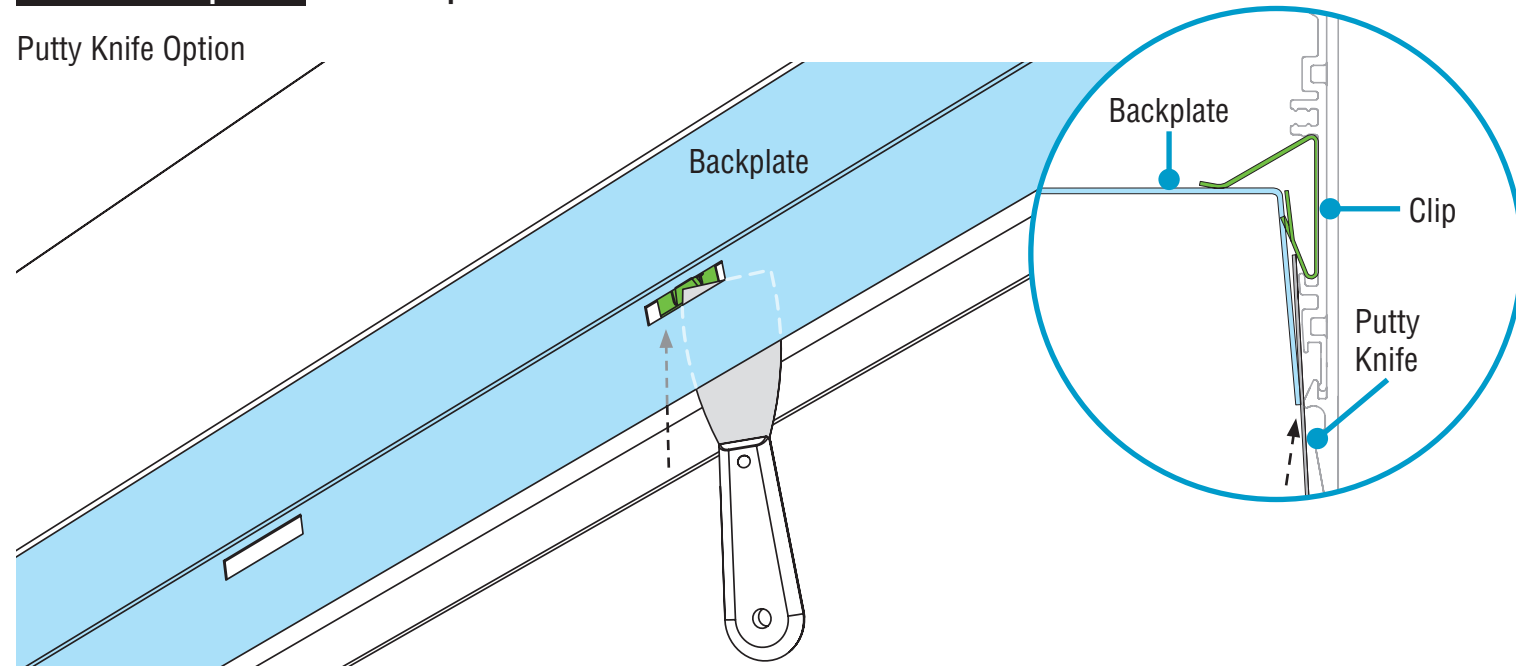
Effortless Access

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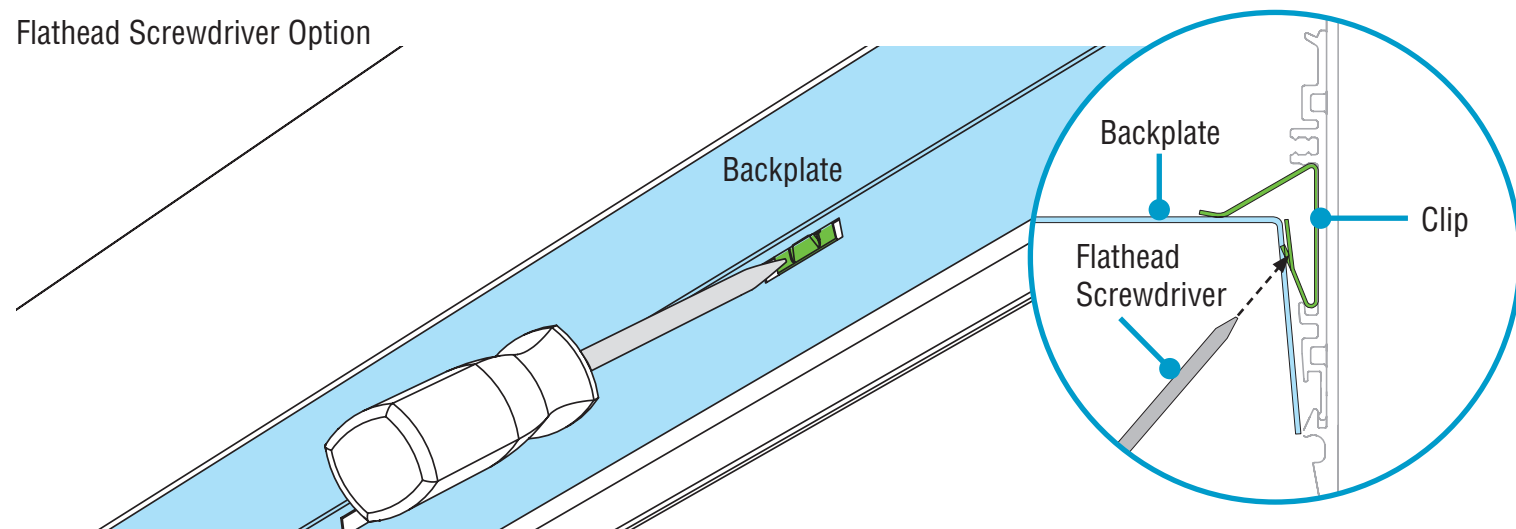
Step 3 - Opening Luminaires

Release Backplates Bottom-Up View

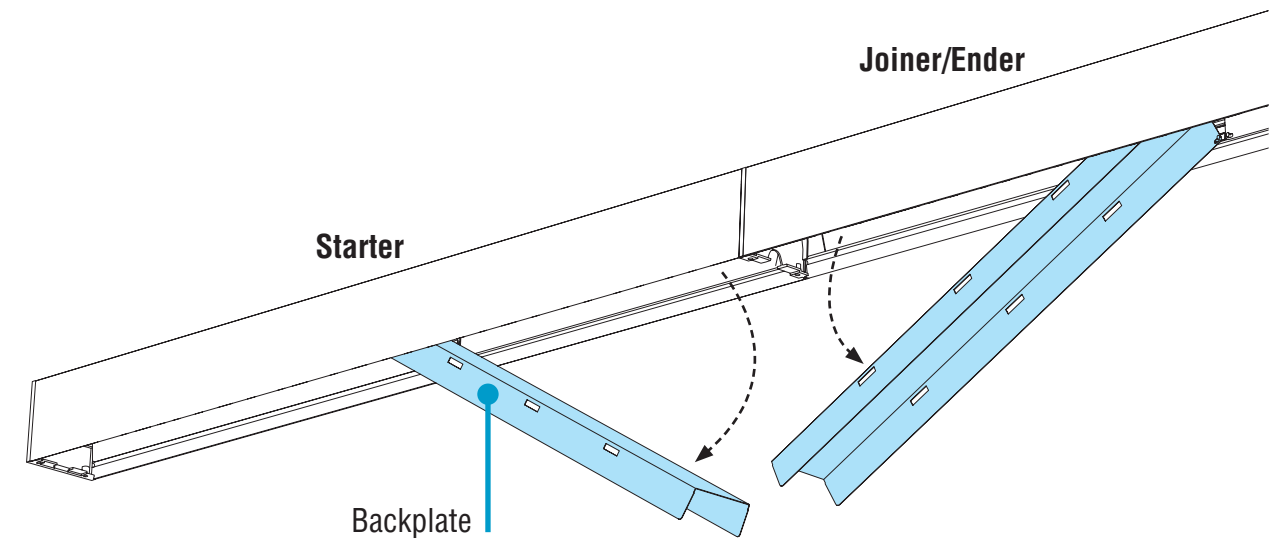
Putty Knife Option



Flathead Screwdriver Option



- **NOTE:** For independent luminaires, backplates do not need to be released.
- Release the backplates from clips by sliding the blade of a putty knife behind backplate edges.
- To use a flathead screwdriver, press end of screwdriver (from inside the luminaire) against the clip, until the backplate is released.



- Carefully rotate backplates out **at the joints only** and let them hang from luminaire body.



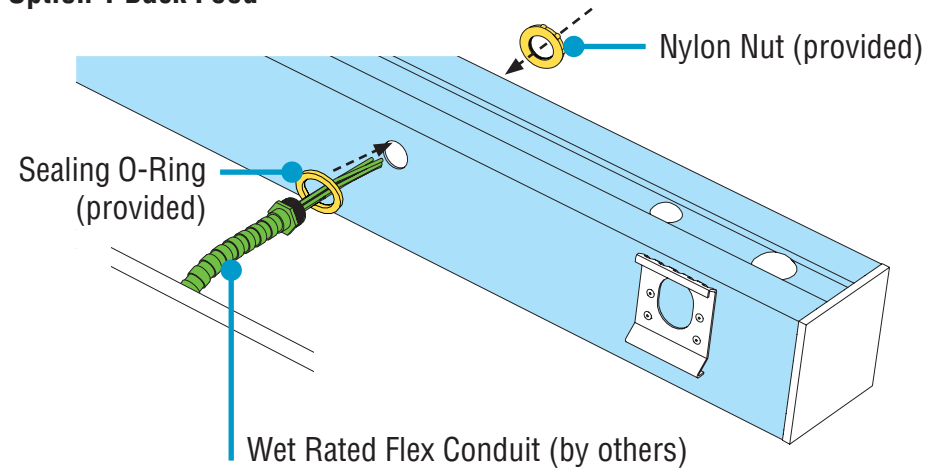
Effortless
Access

HP-4 Wet Location Wall Mount Direct Installation Instructions

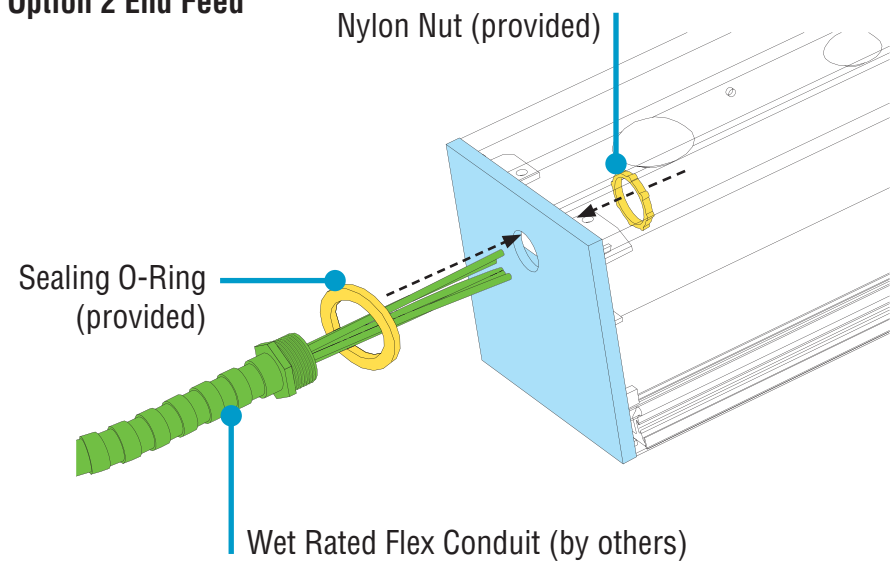
Step 4 - Mounting Starter to Structure

A. Install Power Feed Top-Down View

Option 1 Back Feed



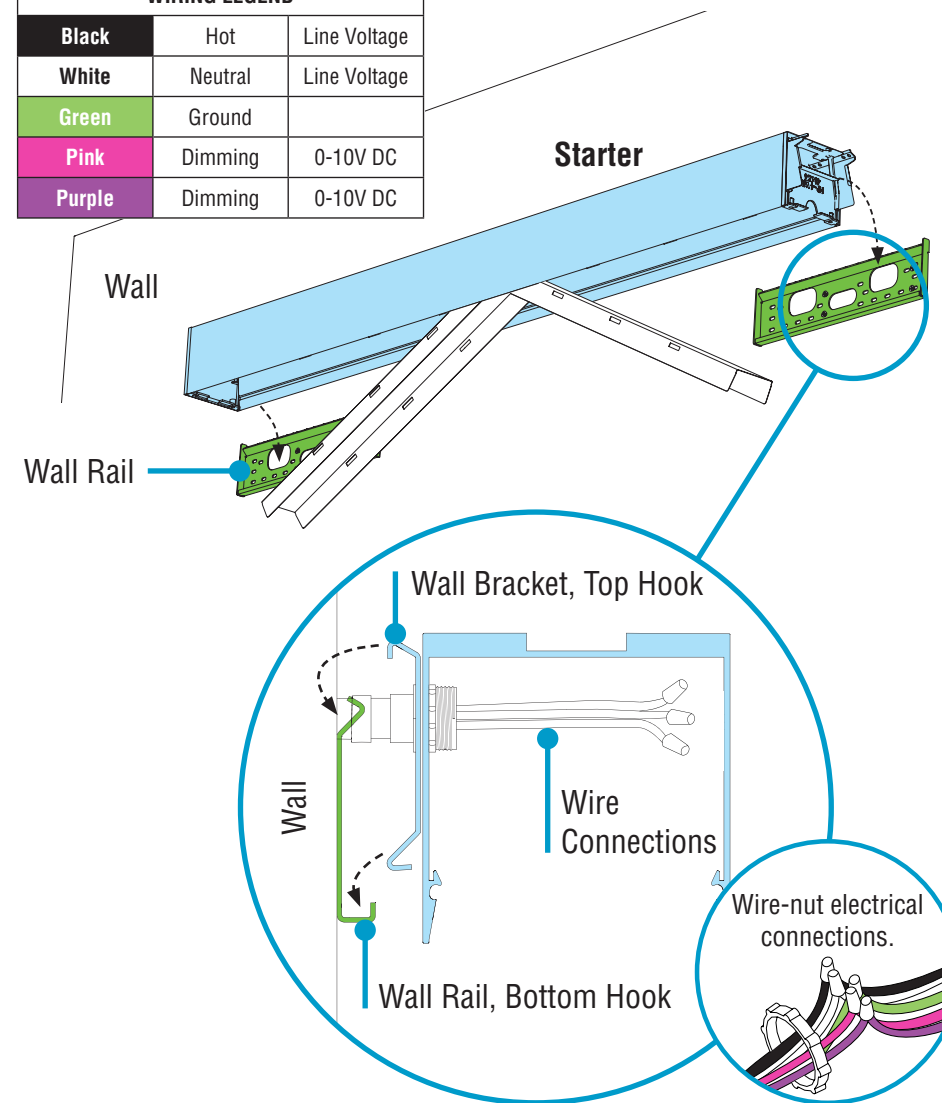
Option 2 End Feed



- Install wet rated conduit onto the luminaire.

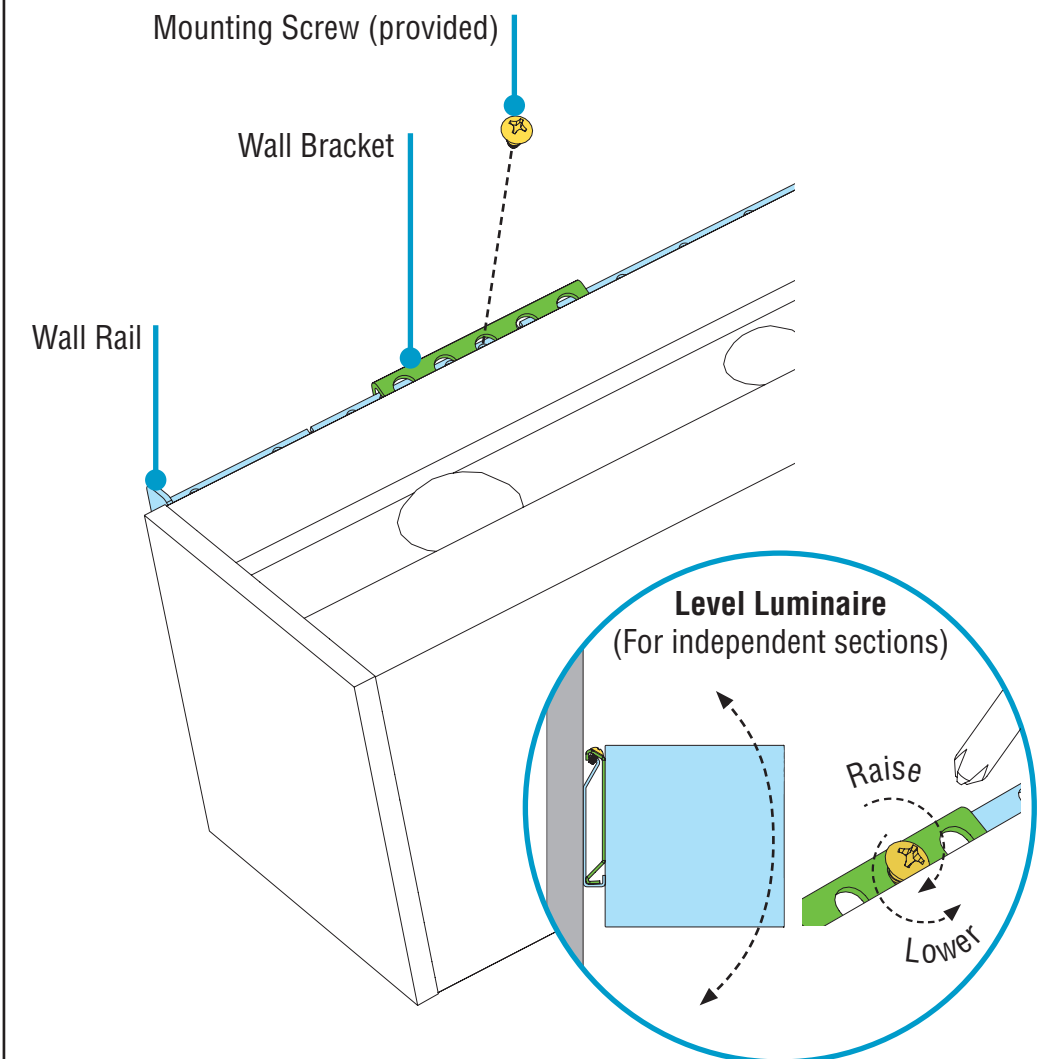
B. Mount Starter to Structure Bottom-Up View

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

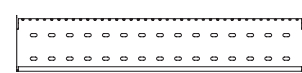


- While properly supporting luminaire, make electrical connections and push complete connections into luminaire.
- Position starter luminaire in place so that the top and bottom hooks of the wall bracket engage with the top and bottom hooks of the wall rail.

C. Secure Starter to Wall Rail Top-Down View



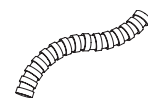
- If there is no joiner/ender, then secure starter luminaire to wall rail with a mounting screw and perform leveling. Tightening the screw raises and loosening the screw lowers the front edge of the luminaire. **PROCEED TO STEP 7B.**
- If continuing with a joiner luminaire, do not perform leveling yet. **PROCEED TO STEP 5.**



Wall Rail
(provided)



Mounting Screw
#8-18 x 1/4" (provided)



Wet Rated Flex Conduit
(by others)



Sealing O-Ring
(provided)



Nylon Nut
(provided)



0-10V
Dimming

HP-4 Wet Location Wall Mount Direct Installation Instructions

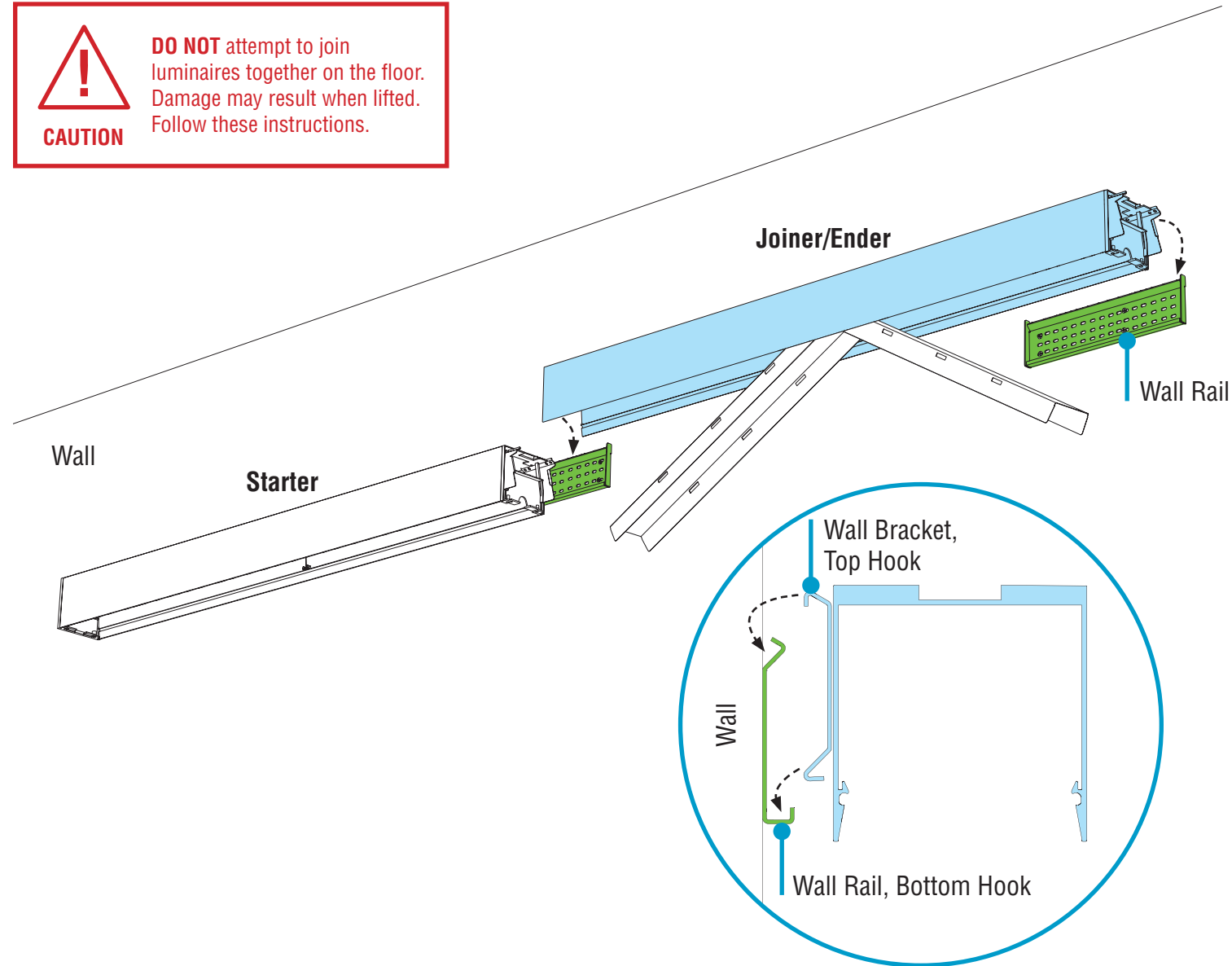
Step 5 - Joining Luminaires

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.



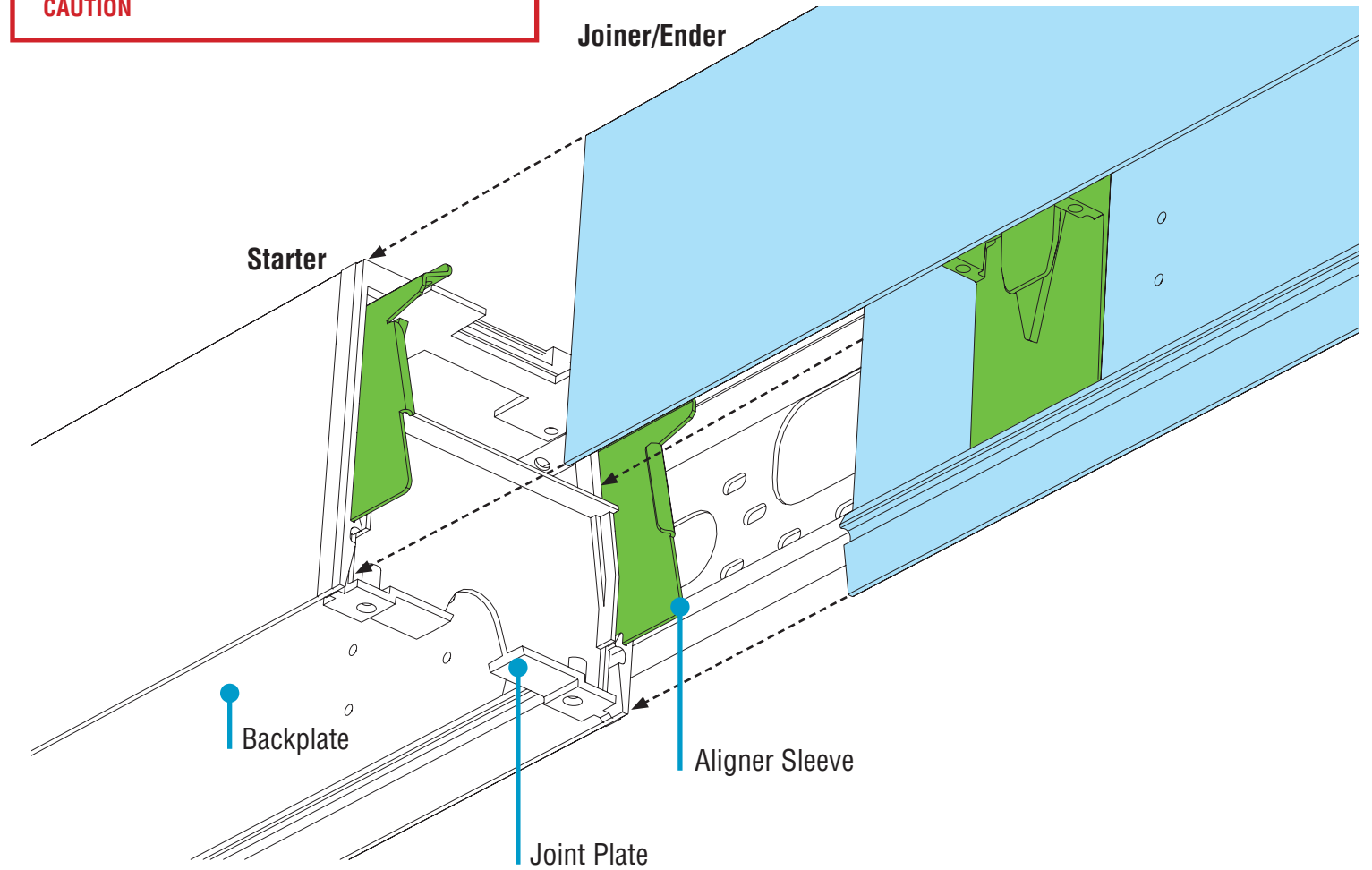
- Maneuver joiner/ender luminaire to wall and engage top and bottom hooks of the wall bracket with the top and bottom hooks of the wall rail.

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.



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

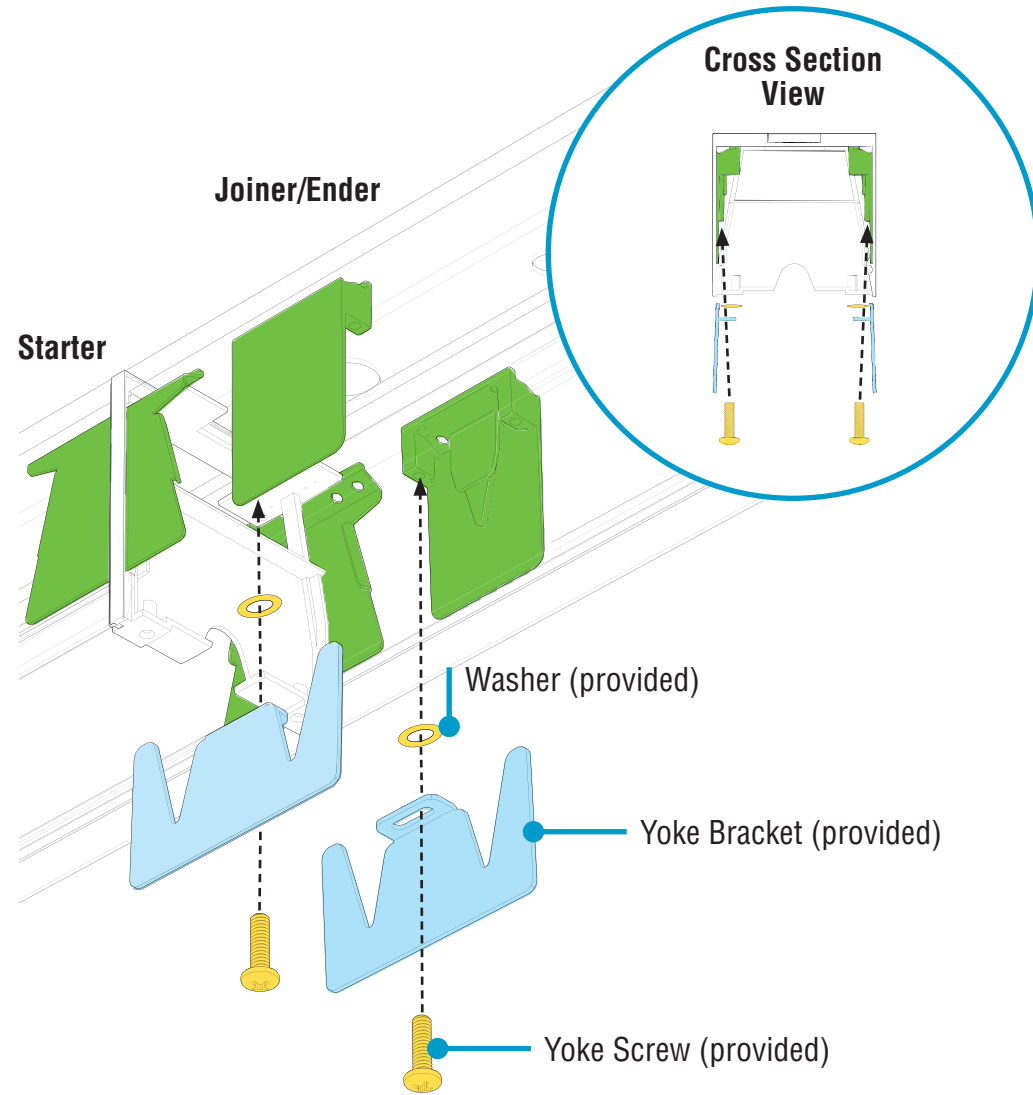


Universal &
Robust Joints

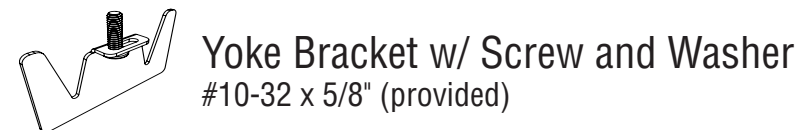
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Step 6 - Securing Luminaire Joints

A. Secure Joint with Yoke Brackets Bottom-Up View

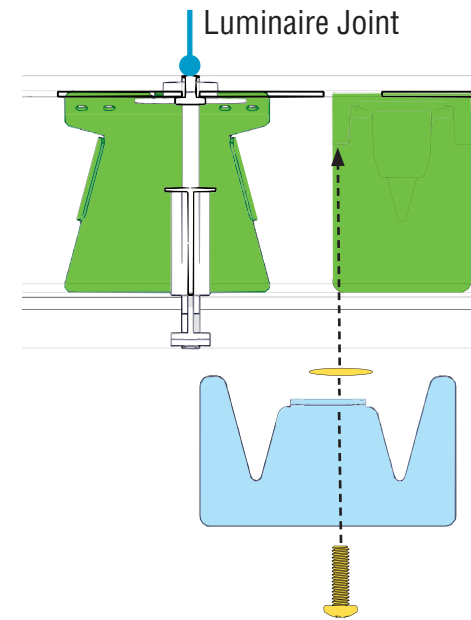


- Before installing yoke brackets, ensure the joining ends of luminaires meet flush and square.
- **CRITICAL:** Ensure yoke brackets properly engage with aligner sleeves.
- Secure joint by threading (but not yet tightening) yoke screws through yoke brackets and washers and into the aligner sleeves.
-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

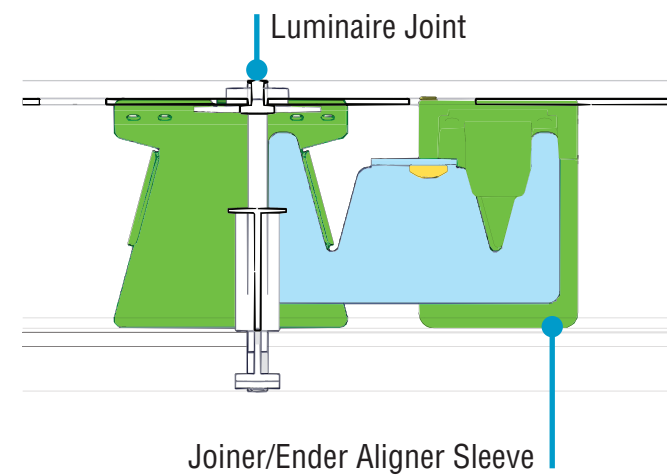


¹ Screwdriver with 6" bit required.

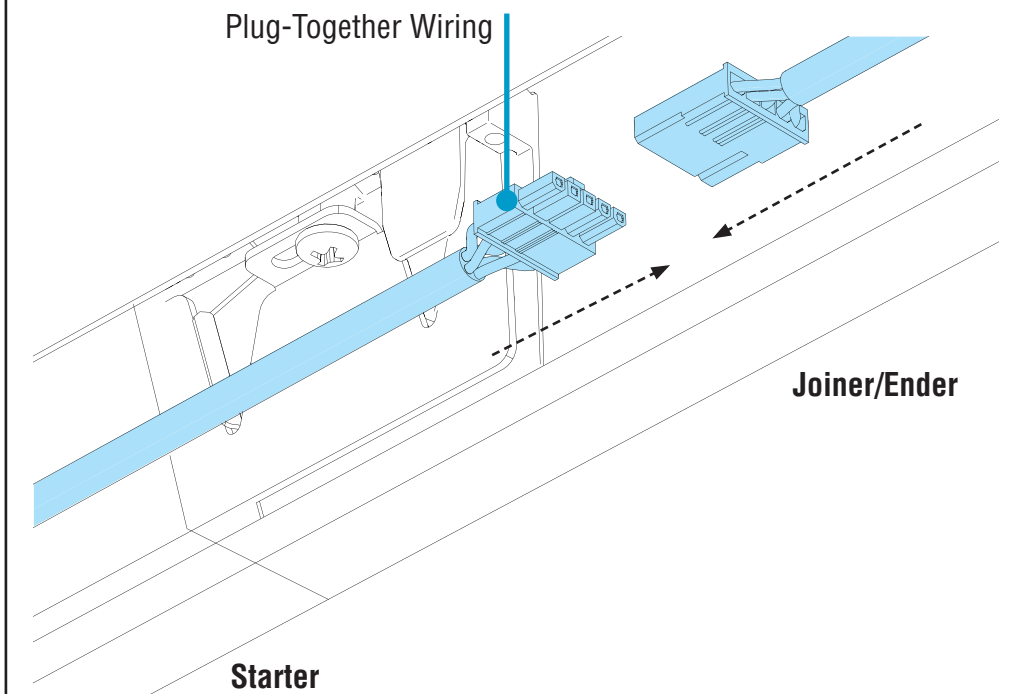
IN ALIGNMENT



CORRECTLY INSTALLED



B. Make Electrical Connections Bottom-Up View



- Connect plug-together wiring.



Universal &
Robust Joints

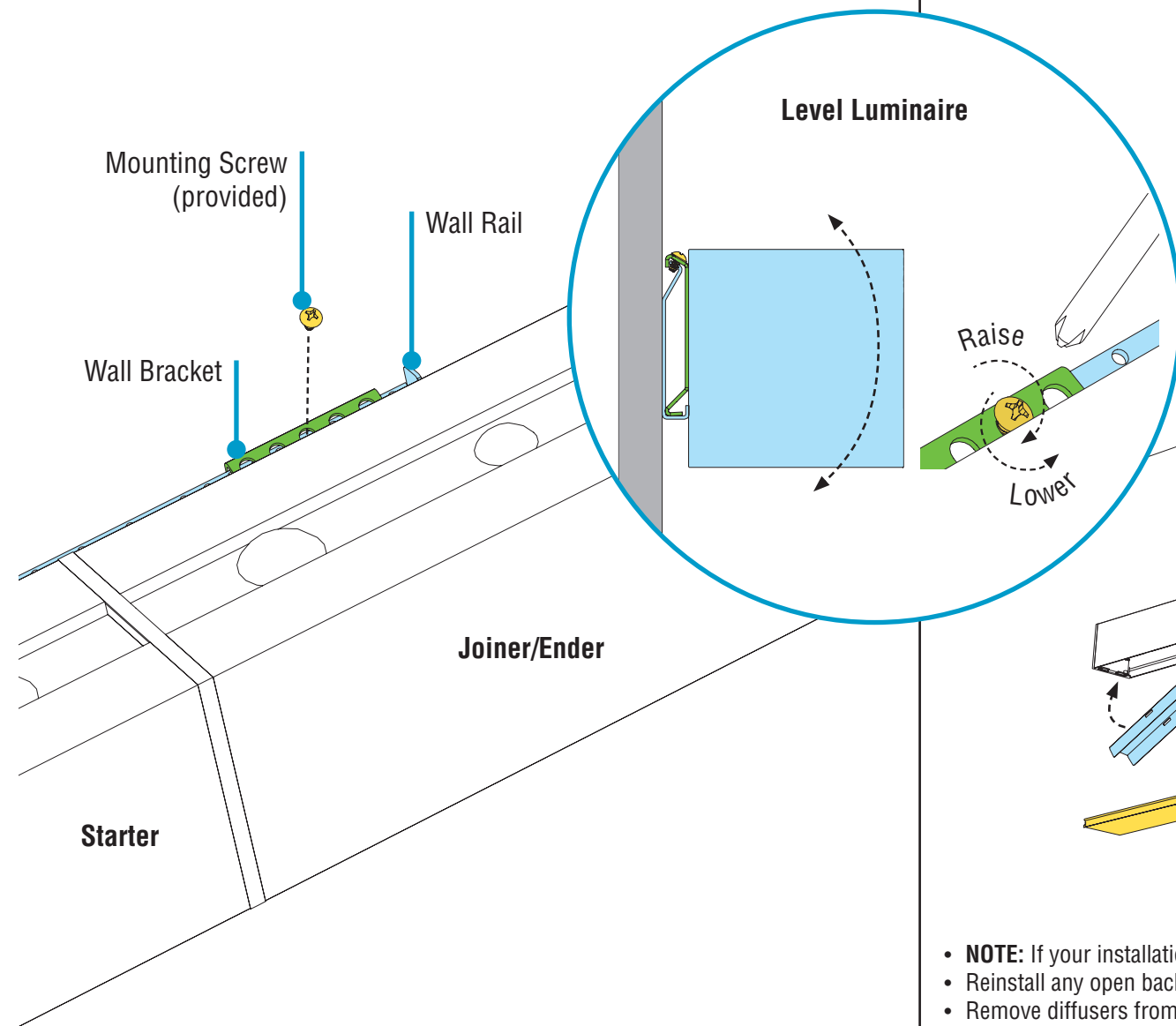


Simple
Plug-Together
Wiring

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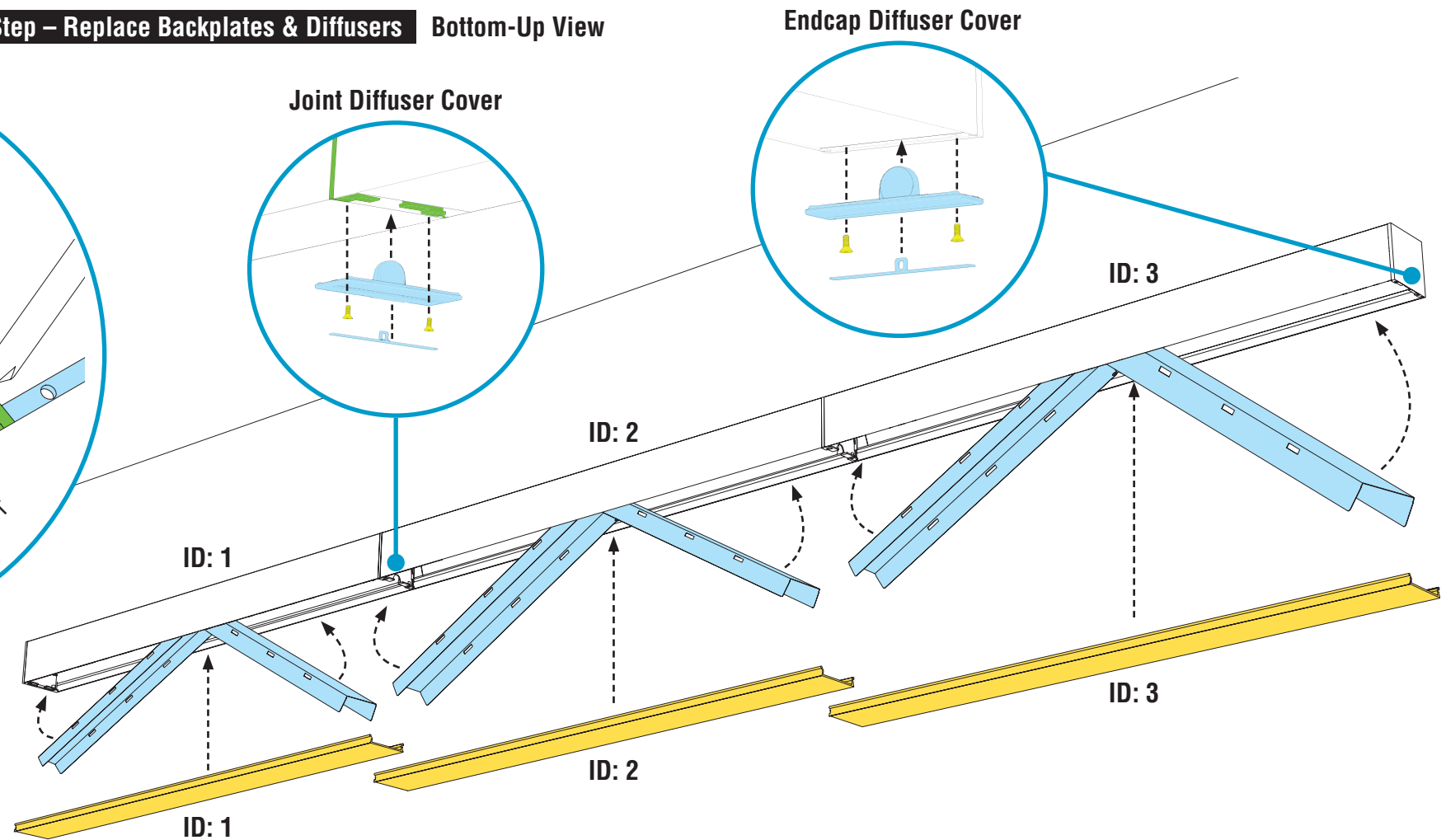
Step 7 - Closing Luminaires

A. Secure & Level Luminaires Top-Down View



- Secure joiner/ender luminaire to wall rail with a mounting screw.
- Use mounting screws to level all luminaire sections. Tightening the screw raises and loosening the screw lowers the front edge of the luminaire.
- Tighten yoke screws¹ until joint seam of luminaires is closed.

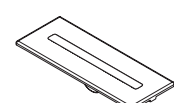
B. Final Step – Replace Backplates & Diffusers Bottom-Up View



- **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)



Diffuser Screw (provided)



Mounting Screw #8-18 x 1/4" (provided)

¹ Screwdriver with 6" bit required.