

HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

Regressed Luminaires Use Same Instructions

Overview

NOTES

- If luminaire contains a sensor or socket refer to the appropriate 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



Louver
Removal



Effortless
Access



Socket Removal
& Installation



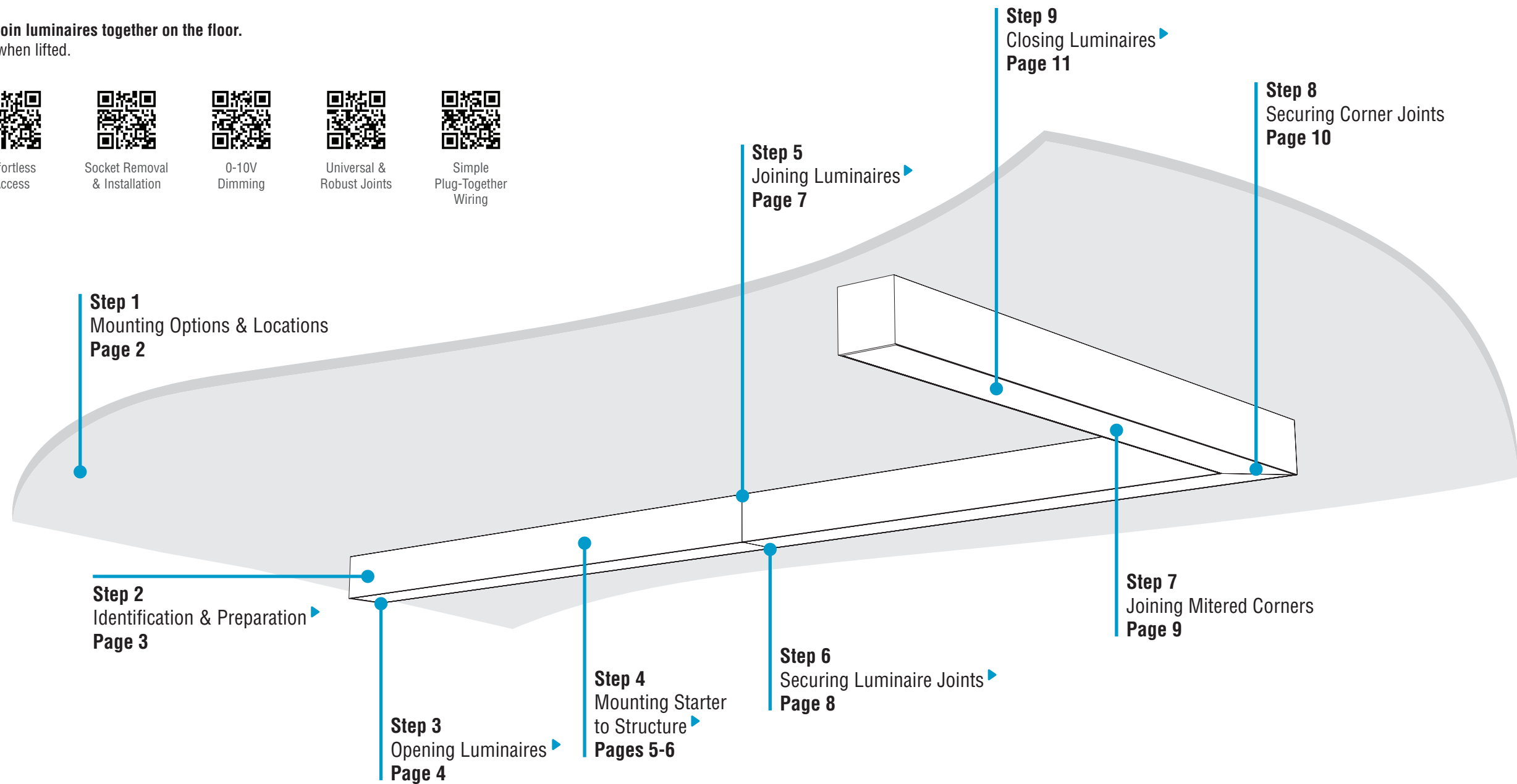
0-10V
Dimming



Universal &
Robust Joints



Simple
Plug-Together
Wiring



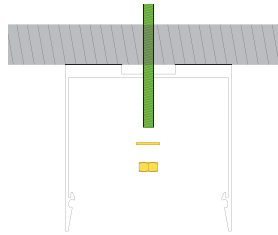
HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

Step 1 - Mounting Options & Locations

Mounting Options

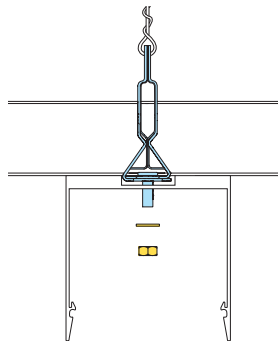
Option 1 - Mount to Threaded Rod

- Install threaded rods to structure.
- Threaded rod must exceed distance to wall/ceiling surface by 1-1/2".
- Install electrical junction box and electrical conduit at feed locations.



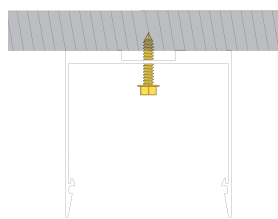
Option 2 - Mount to T-Bar

- Install caddy clips onto T-Bar at mounting point locations.
- All caddy clips are to be secured to structure, per local building codes.



Option 3 - Mount to Support Structure

- Install electrical junction box and electrical conduit at feed locations.

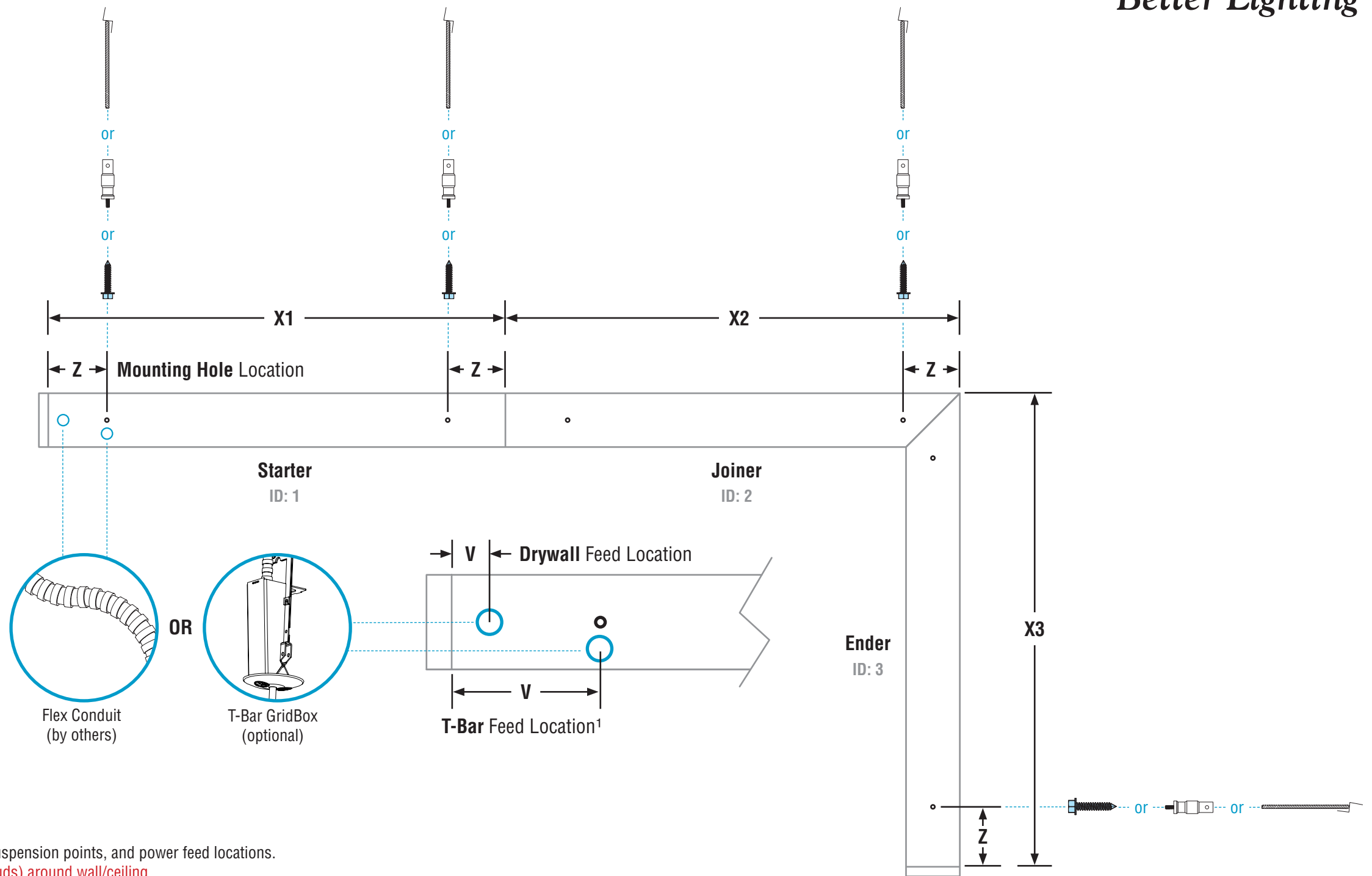


Mounting Locations

X = Luminaire section length
(X Measurements do not include endcaps)

	Z = Mounting Hole Location	V = Feed Location	
		Drywall	T-Bar ¹
HP-2	5"	3/4"	5"
HP-4	6"	1-1/8"	
HP-6	6-1/2"	3/4"	

- Luminaire mounting holes sized for 1/4"-20 hardware (by others).
- Refer to Record Drawings and building plans to determine exact mounting, suspension points, and power feed locations.
- **CRITICAL:** Drywall or weak paneling must be secured to support blocking (studs) around wall/ceiling.



Mounting Option 1

- Threaded Rod (by others)
- 1/4"-20 Washer (by others)
- 1/4"-20 Nut (by others)

Mounting Option 2

- Caddy Clip (provided)
- 1/4"-20 Washer (by others)
- 1/4"-20 Nut (by others)

Mounting Option 3

- 1/4"-20 Lag Bolt (by others)

- Flex Conduit (by others)

¹ For surface mount to T-Bar mounting, power feed location (V) will be offset from the middle of the luminaire to accommodate the T-Bar.

HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

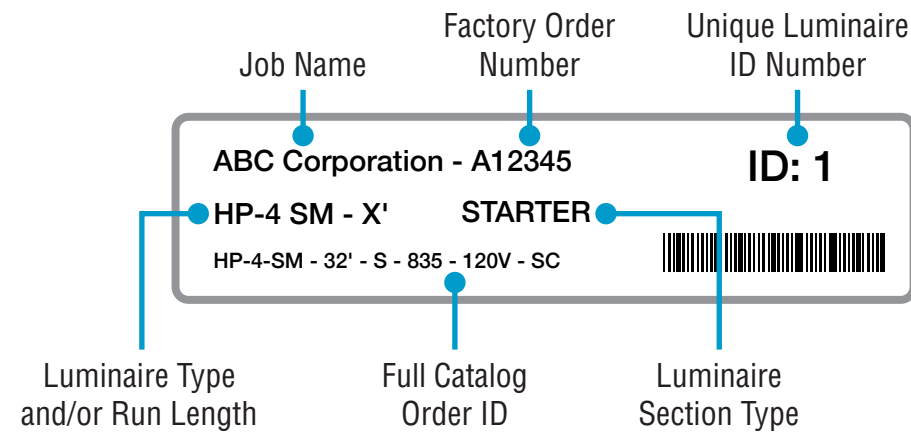
Step 2 - Identification & Preparation

A. Identify Luminaires



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

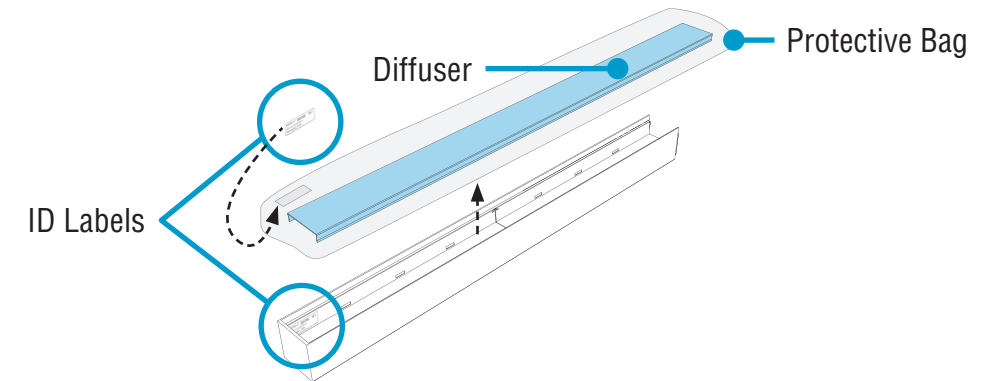
CAUTION



- 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.

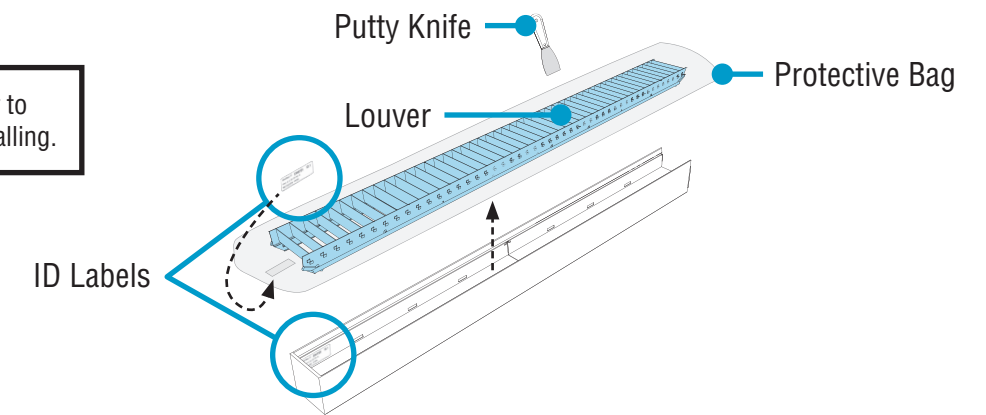
B. Remove Diffusers or Louvers

Remove Diffusers



Remove Louvers (HP-2 & HP-4 ONLY)

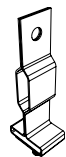
NOTE: For White Cross Blade Baffle, refer to Baffle Tether Addendum before installing.



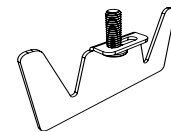
- Carefully remove all diffusers or louvers, keeping them inside their protective bags.
- **FOR LOUVERS:** Release louvers by inserting the blade of a putty knife approximately 1" down behind louver edges and pry up.
- Set aside all diffusers or louvers to prevent from getting dirty or damaged.
- Ensure diffusers or louvers 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.



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



Yoke Bracket
Part# 45042
#10-32 x 5/8" Screw
Part# 94144
Securing Luminaire Joints
p. 8, Step 6
Securing Corner Joints
p. 10, Step 8



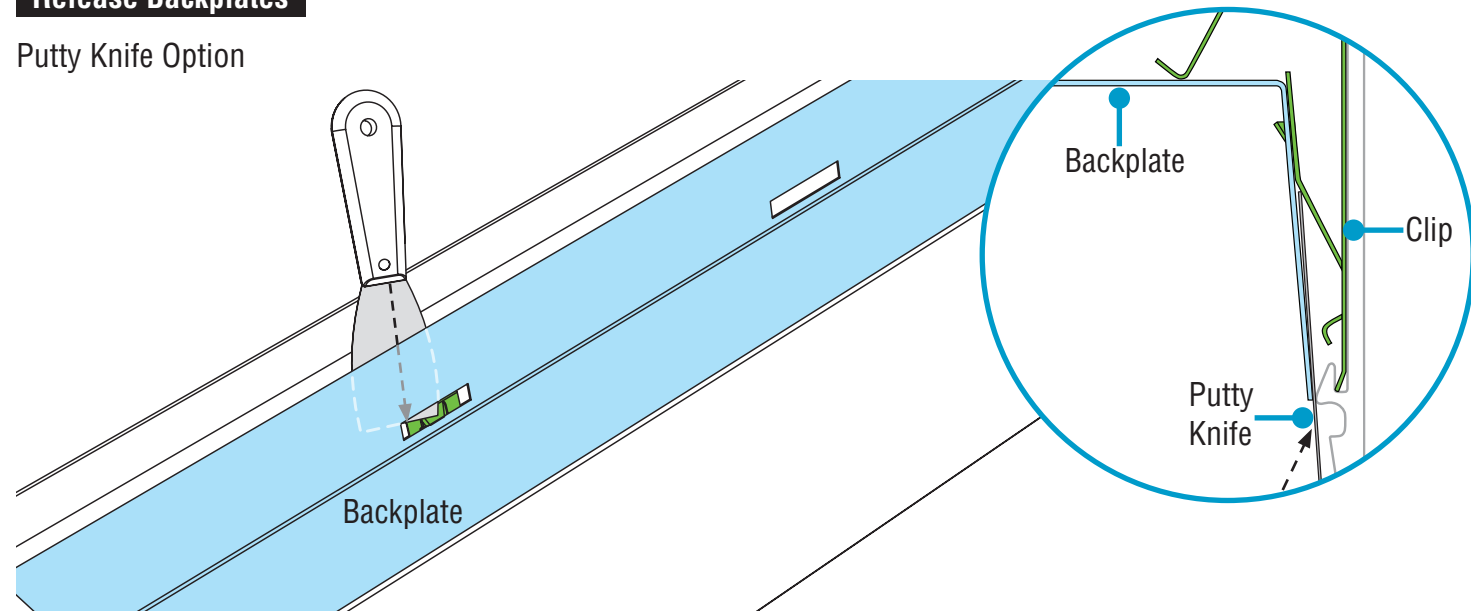
Louver
Removal

HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

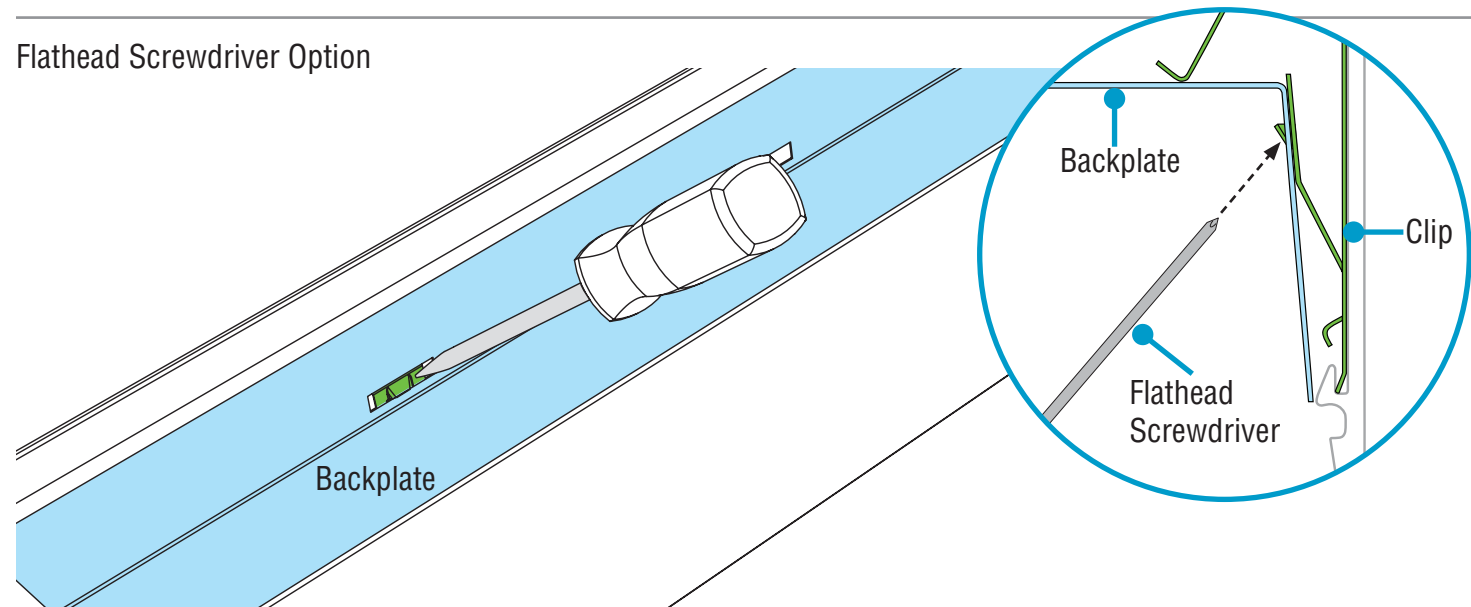
Step 3 - Opening Luminaires

Release Backplates

Putty Knife Option

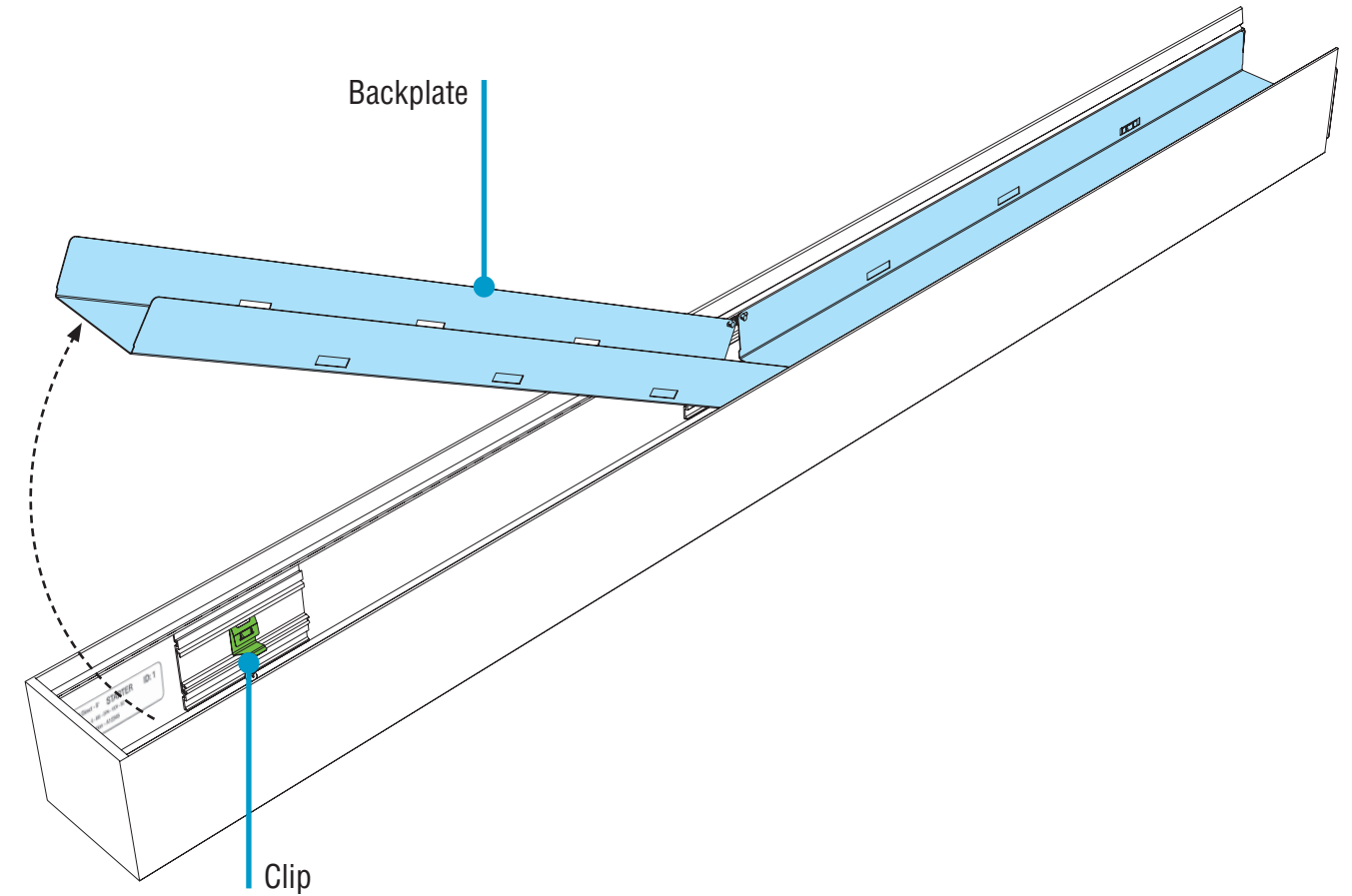


Flathead Screwdriver Option



- 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, press end of screwdriver (from inside the luminaire) against the clip, until the backplate is released.

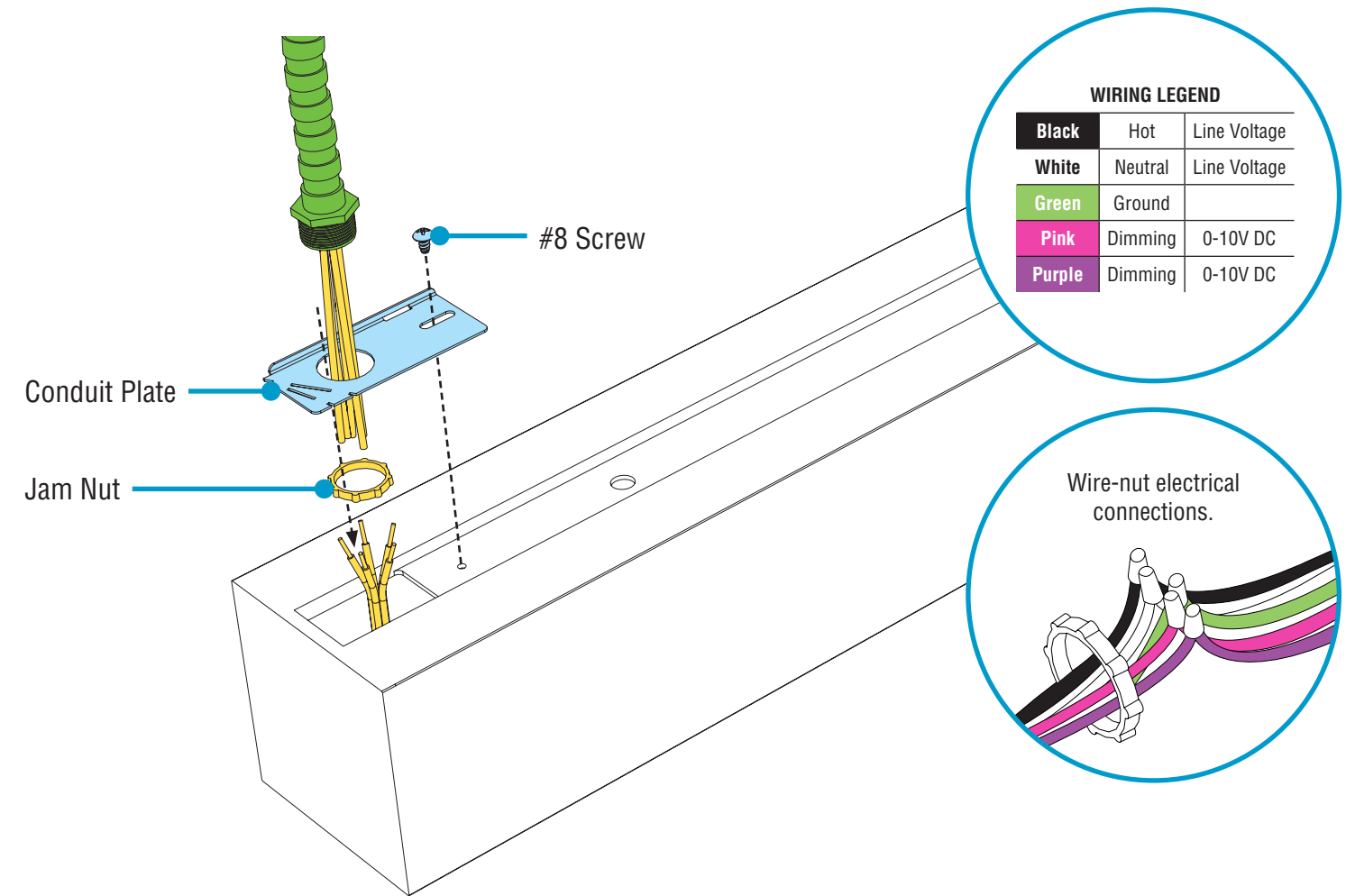
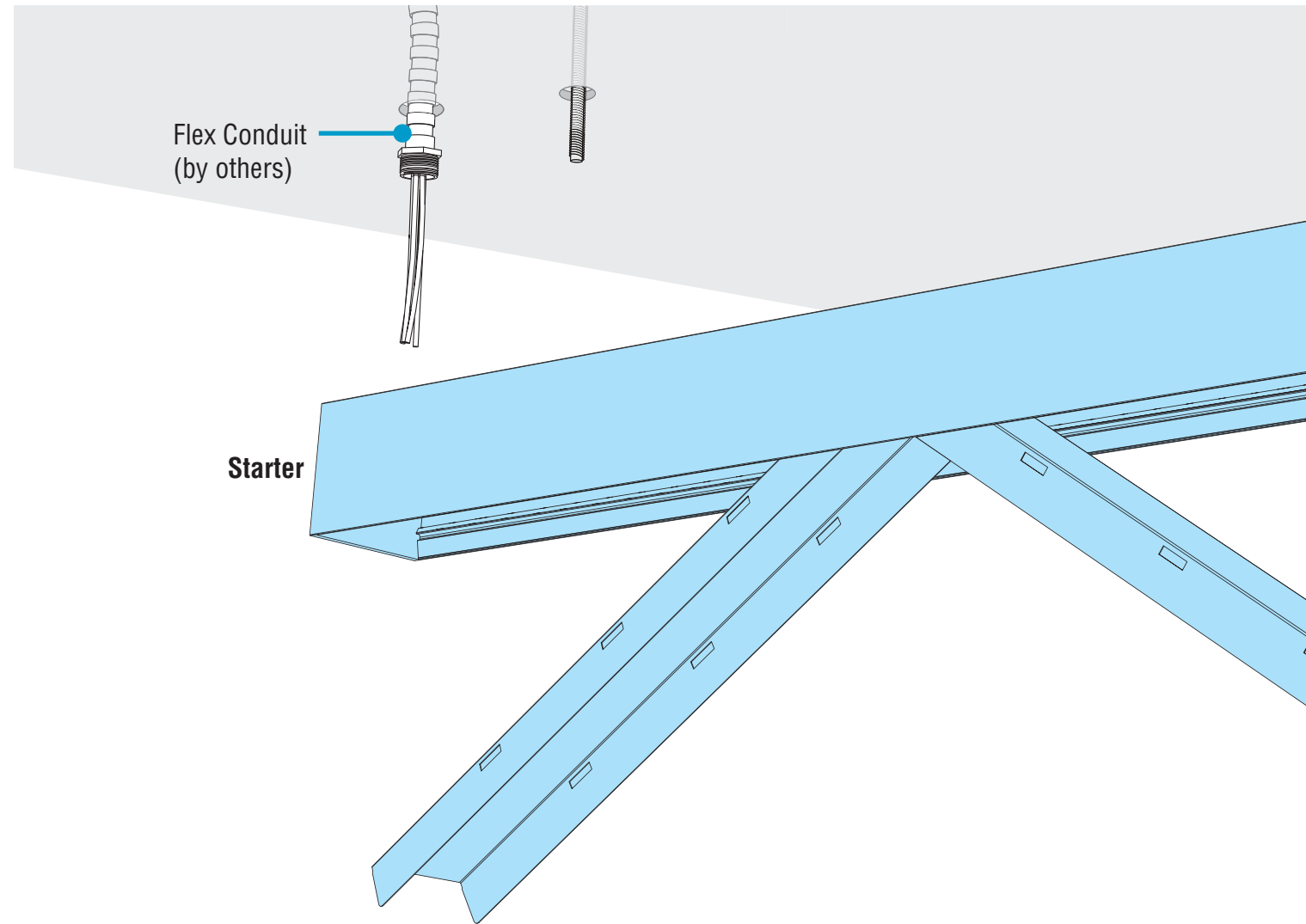
- Carefully rotate backplates out and let them hang from luminaire body.



HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

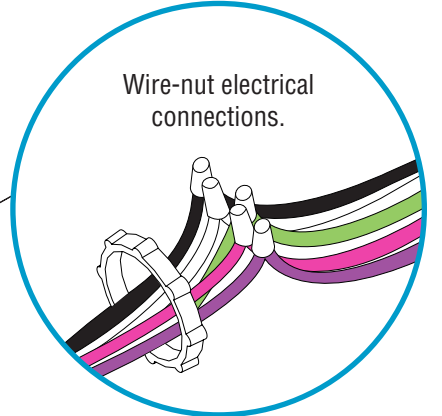
Step 4 - Mounting Starter to Structure

A. 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



- **FOR SENSOR OR SOCKET:** If luminaire contains a sensor or socket at endcap, refer to page 2 of appropriate Addendum before Mounting Starter to Structure.
- While properly supporting luminaire, maneuver luminaire near wall/ceiling opening.
- Make electrical connections at **TOP** of luminaire.

- Remove screw holding conduit plate.
- Install conduit and nut onto conduit plate.
- Wire-nut electrical connections. See wiring legend above.
- Reinstall conduit plate and screw. Do not damage any wires.



CONTINUED



Socket Removal
& Installation

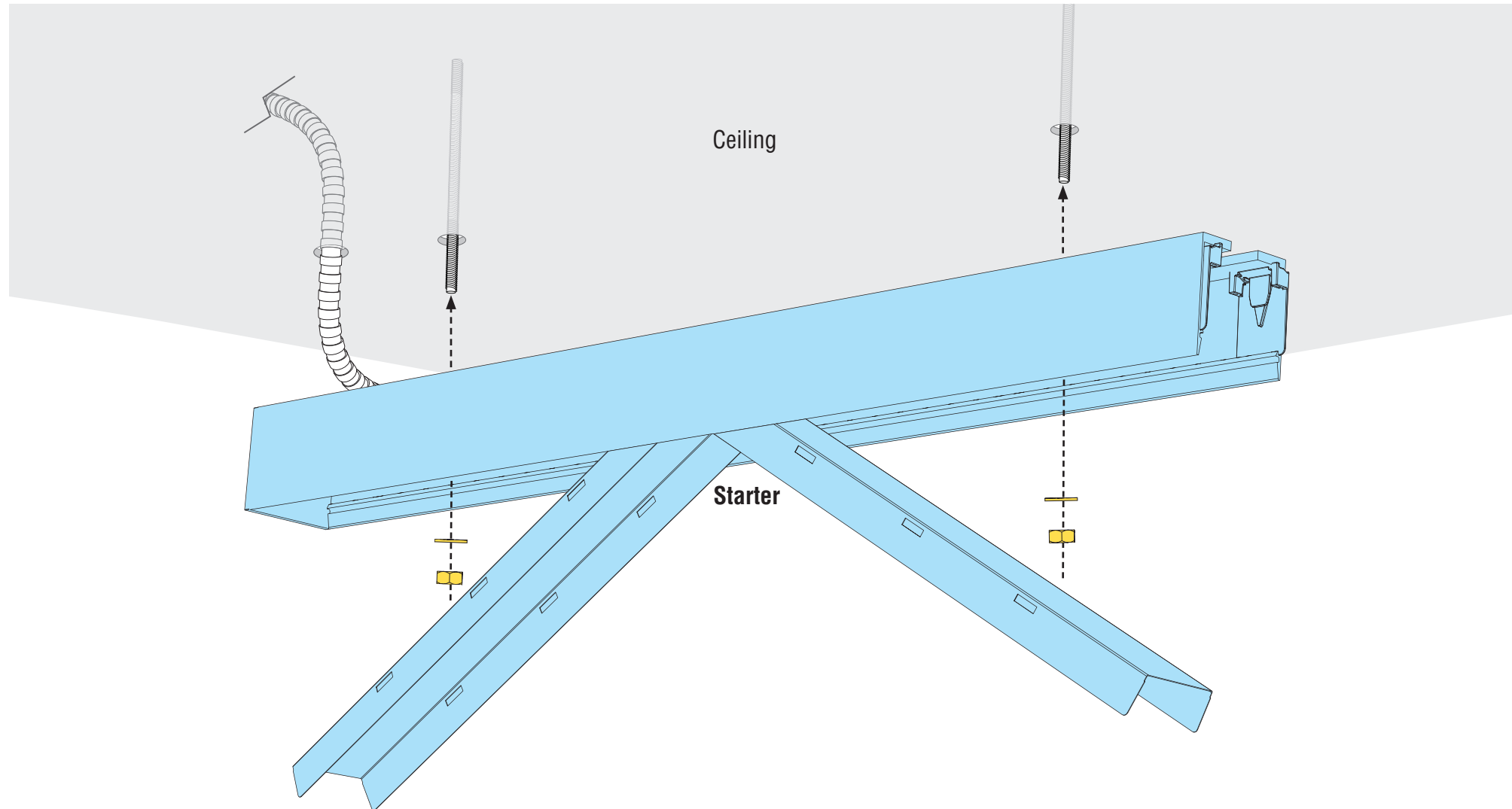


0-10V
Dimming

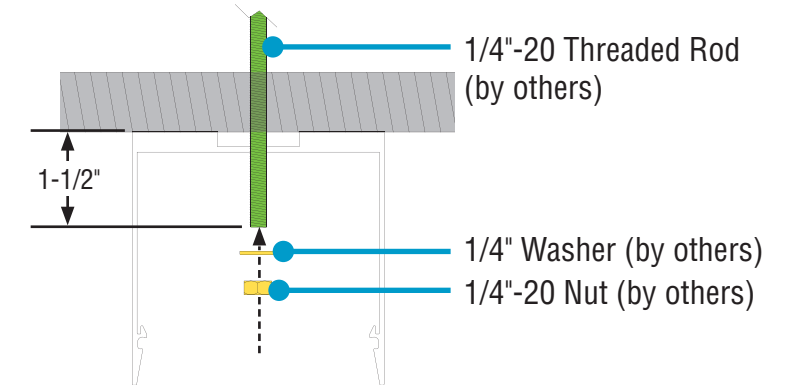
HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

Step 4 - Mounting Starter to Structure

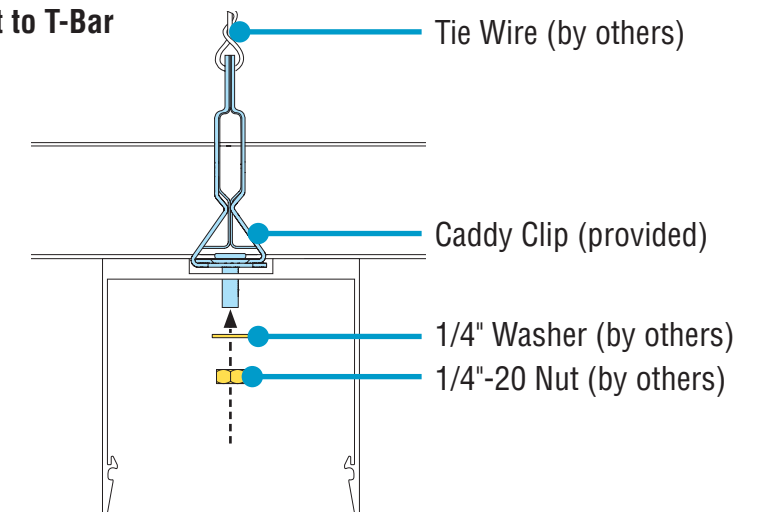
B. Mount Starter to Structure



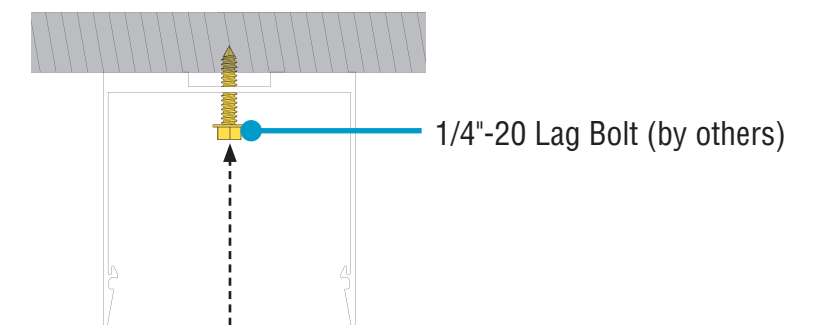
Option 1 (Shown) - Mount to Threaded Rod



Option 2 - Mount to T-Bar



Option 3 - Mount to Structure



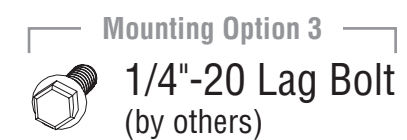
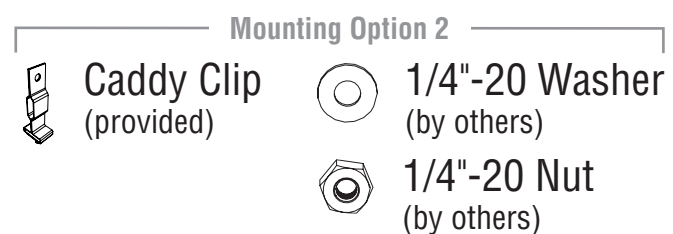
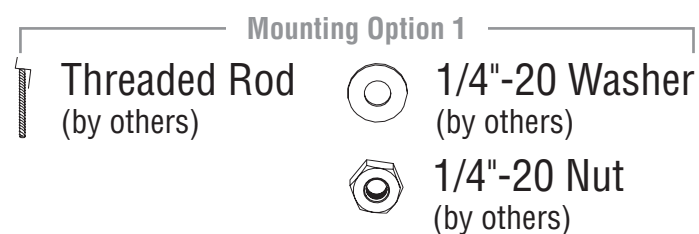
Option 1 (Shown) - Mount to Threaded Rod

Option 2 - Mount to T-Bar

- Align mounting holes with hanging hardware.
- Install 1/4"-20 nut and 1/4"-20 washer onto 1/4"-20 threaded rod.
- **CRITICAL:** If installing a joiner luminaire in the next step, leave nut loose.
- If installing mitered corner, **PROCEED TO STEP 7.**

Option 3 - Mount to Structure

- Place luminaire onto wall/ceiling and mount to structure support with hardware appropriate for the structure type.
- **CRITICAL:** If installing a joiner luminaire in the next step, leave loose.
- If installing mitered corner, **PROCEED TO STEP 7.**



HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

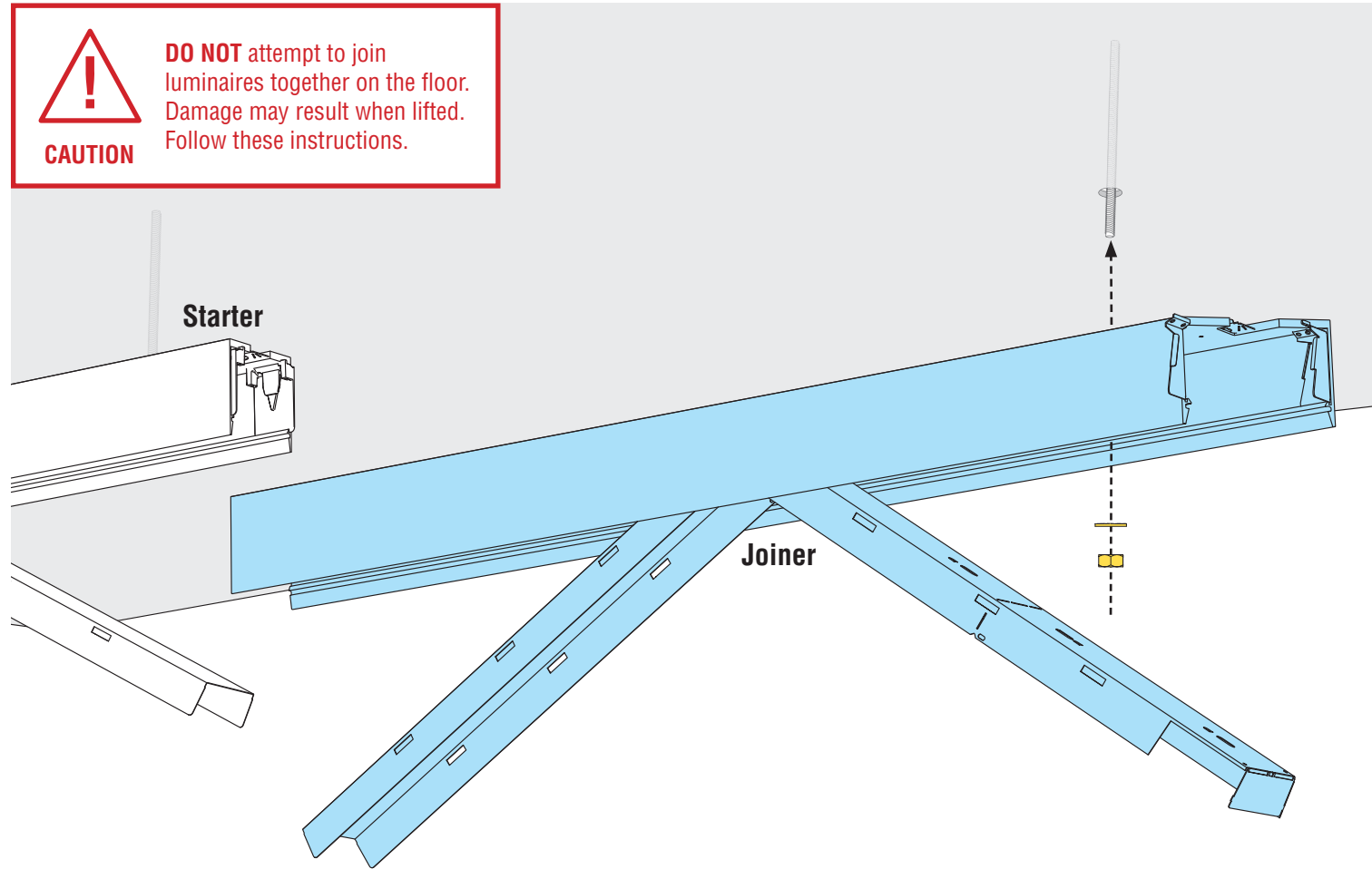
Step 5 - Joining Luminaires

A. Mount Joiner to Structure



CAUTION

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



Option 1 (Shown) - Mount to Threaded Rod

Option 2 - Mount to T-Bar

- **FOR SENSOR OR SOCKET:** If luminaire contains a sensor or socket at joint, refer to page 4 of appropriate Addendum before joining luminaires.
- Align mounting holes with hanging hardware.
- Install 1/4"-20 nut and 1/4"-20 washer onto 1/4"-20 threaded rod.
- **NOTE:** If installing a joiner luminaire, leave nut loose, allowing luminaire to hang at an angle.
- If there is no joiner/ender, then tighten nuts fully.

Option 3 - Mount to Structure

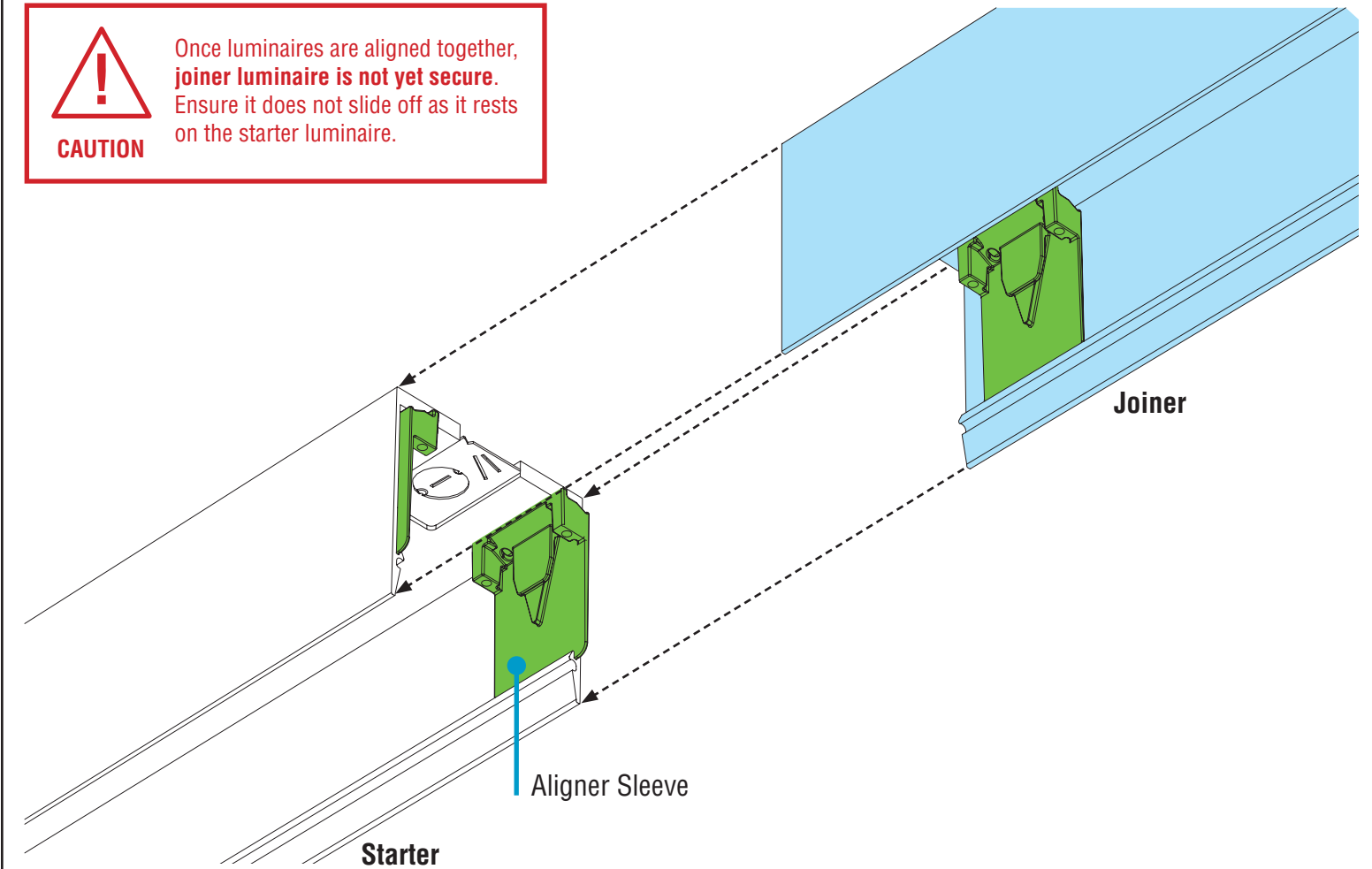
- **FOR SENSOR OR SOCKET:** If luminaire contains a sensor or socket at joint, refer to page 4 of appropriate Addendum before joining luminaires.
- Mount to structure support with hardware appropriate for the structure type.
- **NOTE:** If installing a joiner luminaire, leave nut loose, allowing luminaire to hang at an angle.
- If there is no joiner, then tighten nuts fully.

B. Join Luminaires



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 with aligner sleeves on starter and slide together. Be careful not to damage any wiring.
- If necessary, **lift** both luminaires, then slide them together.

Mounting Option 1

- Threaded Rod (by others)
- 1/4"-20 Washer (by others)
- 1/4"-20 Nut (by others)

Mounting Option 2

- Caddy Clip (provided)
- 1/4"-20 Washer (by others)
- 1/4"-20 Nut (by others)

Mounting Option 3

- 1/4"-20 Lag Bolt (by others)

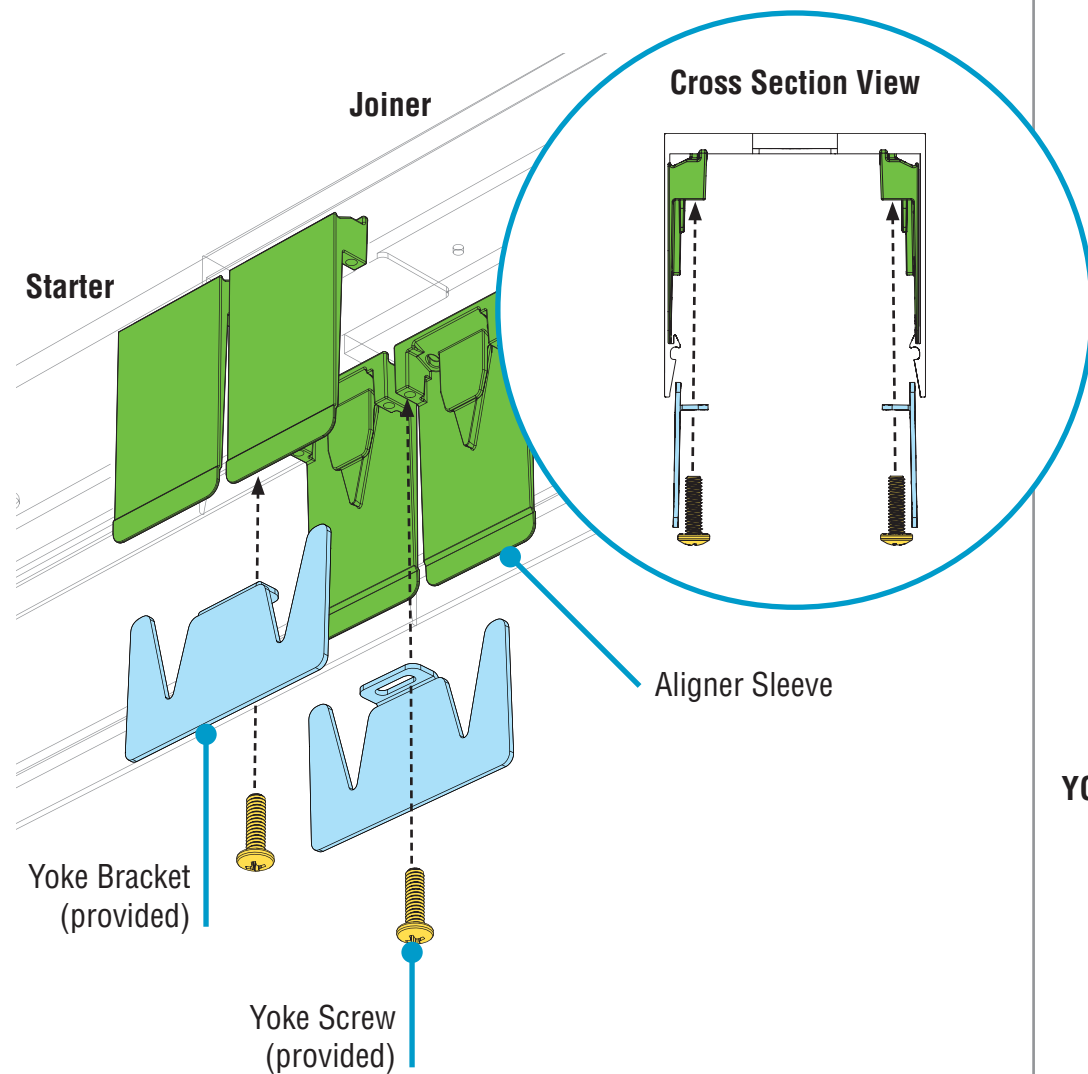


Socket Removal & Installation

HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

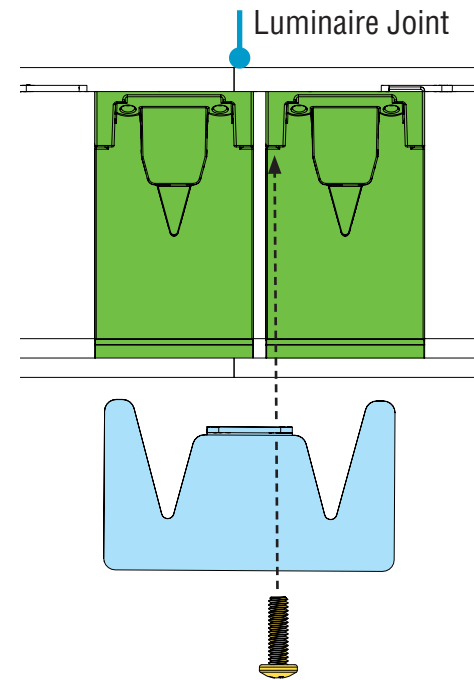
Step 6 - Securing Luminaire Joints

A. Secure Joint with Yoke Brackets

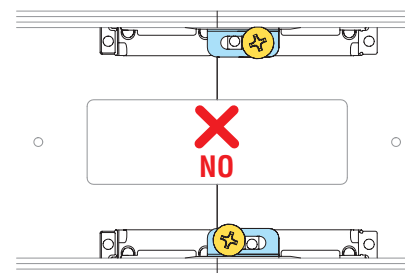


- Before installing yoke brackets, ensure the joining ends of luminaires meet flush and square.
- **CRITICAL:** Ensure yoke brackets properly engage with aligner sleeves.
- Secure joint by threading (but not yet tightening) yoke screws through yoke brackets and into the aligner sleeves.

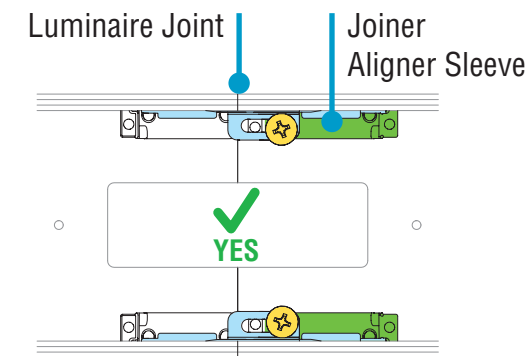
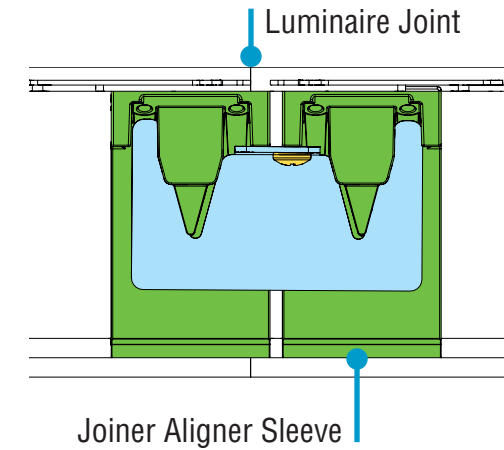
IN ALIGNMENT



YOKE SCREW ALIGNMENT Bottom-Up View

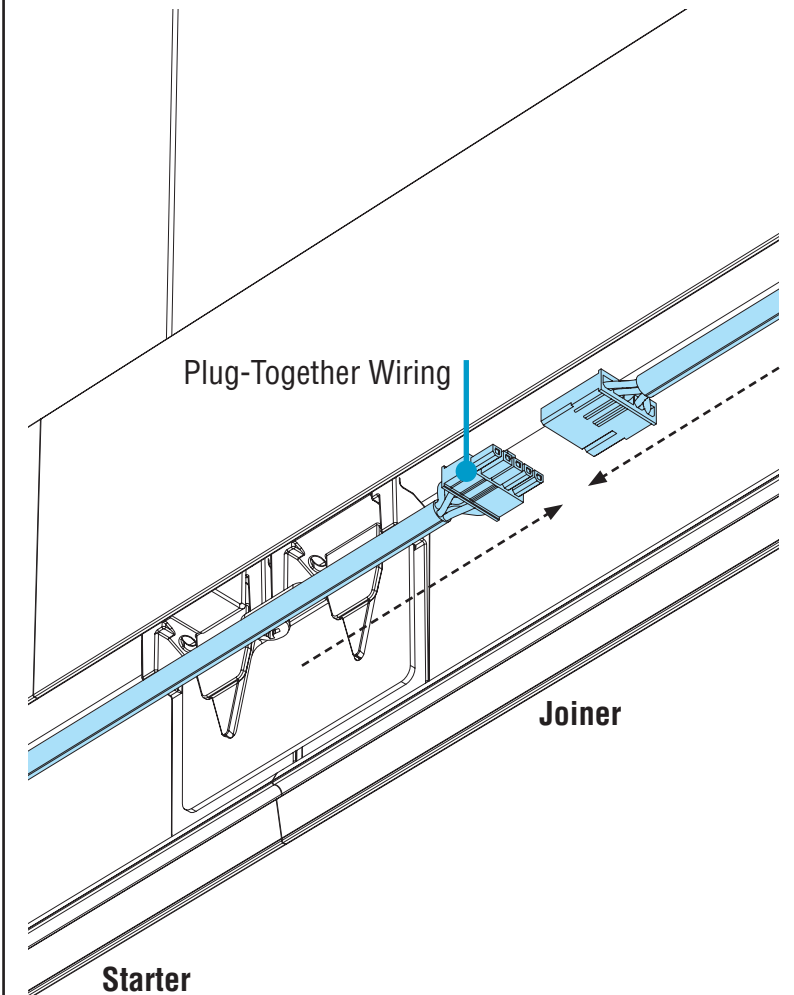


CORRECTLY INSTALLED

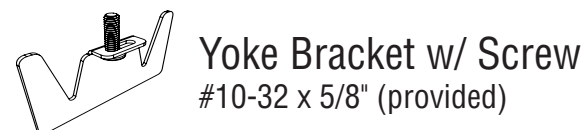


NOTE: Yoke screws should be installed directly across from each other, not diagonally, and in holes furthest from the joint line. One yoke screw per one yoke bracket.

B. Make Electrical Connections



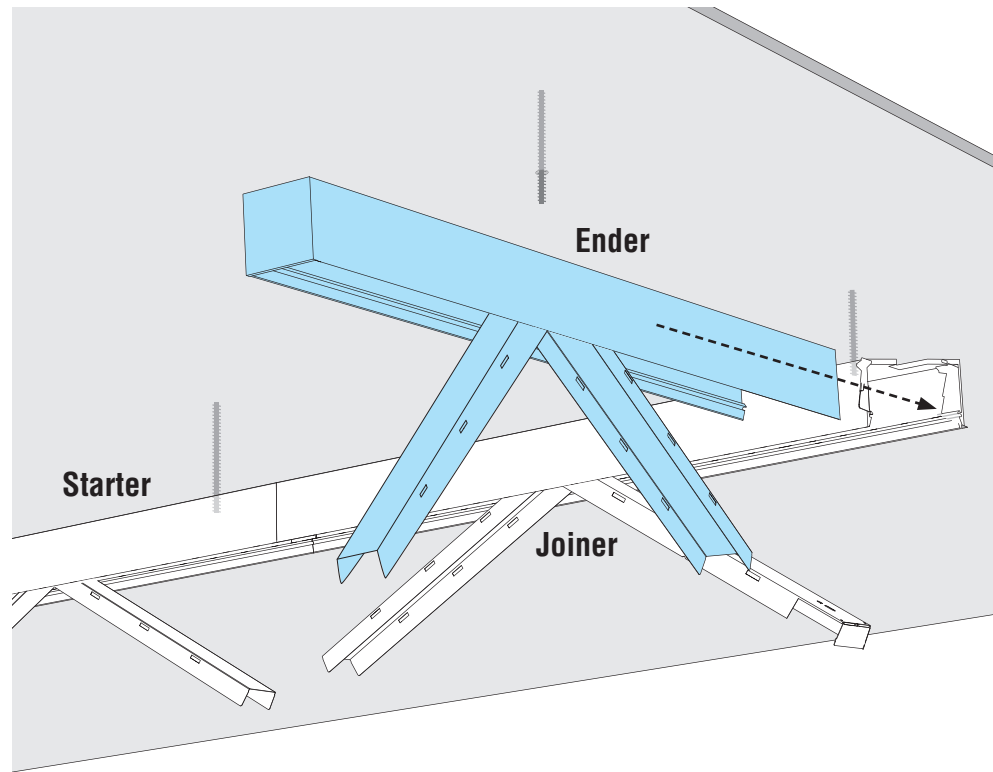
- Connect plug-together wiring.



HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

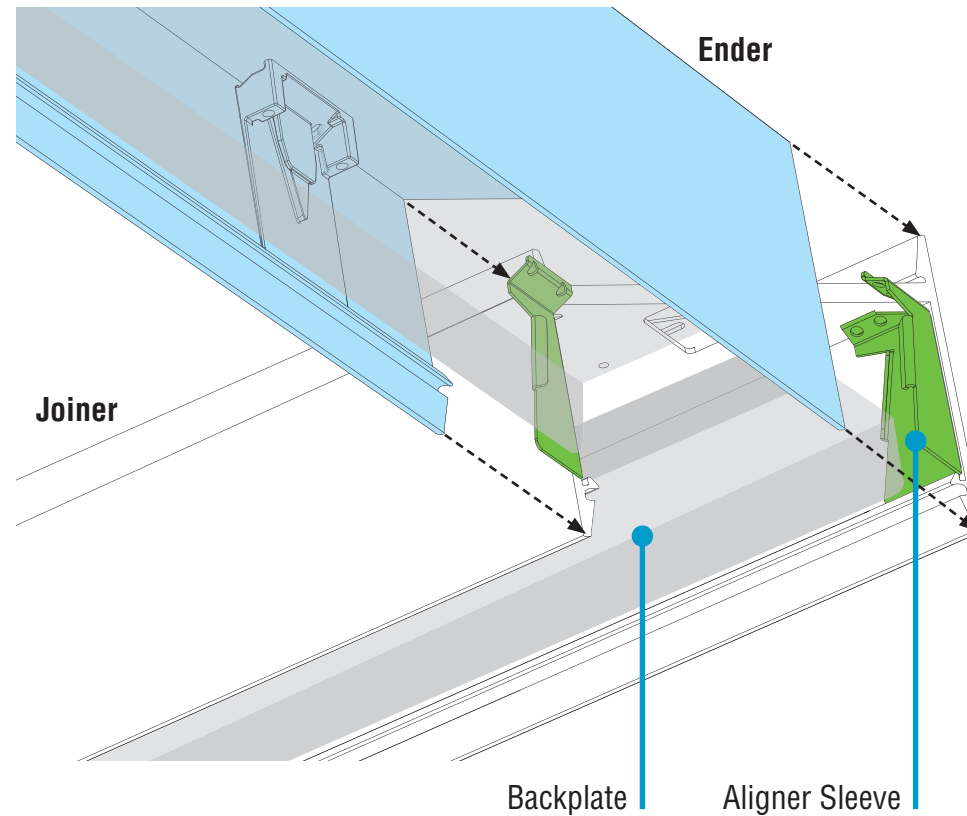
Step 7 - Joining Mitered Corners

A. Mount Ender to Structure



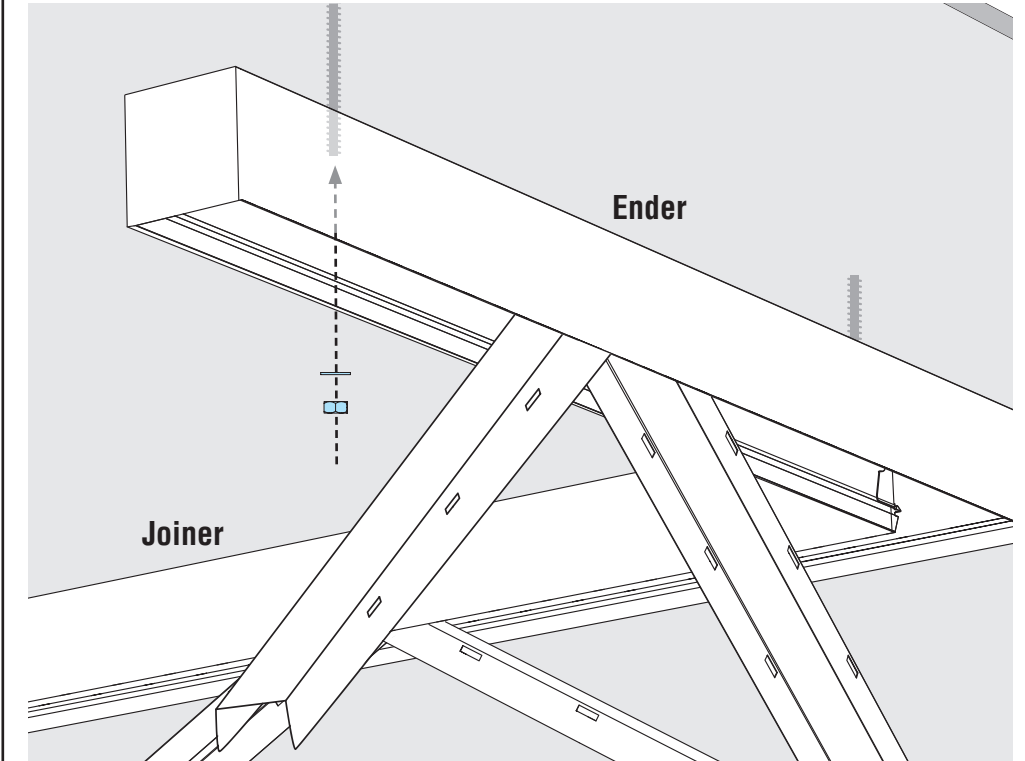
- Maneuver ender luminaire toward mitered joiner.
- Align mounting holes with hanging hardware.
- If necessary, loosen bolts on previous luminaire so that it can hang out of the opening at an angle.

B. Join Mitered Corners



- Align ender luminaire with aligner sleeves on joiner and slide together. Be careful not to damage any wiring.
- If necessary, **lift** both luminaires, then slide together.

C. Secure Ender to Structure



- Secure ender to structure using preferred mounting option.
- **CRITICAL:** If installing a joiner luminaire in the next step, leave the nut or bolt/screw loose, allowing the luminaire to hang out of ceiling at an angle.

Mounting Option 1

- Threaded Rod (by others)
- 1/4"-20 Washer (by others)
- 1/4"-20 Nut (by others)

Mounting Option 2

- Caddy Clip (provided)
- 1/4"-20 Washer (by others)
- 1/4"-20 Nut (by others)

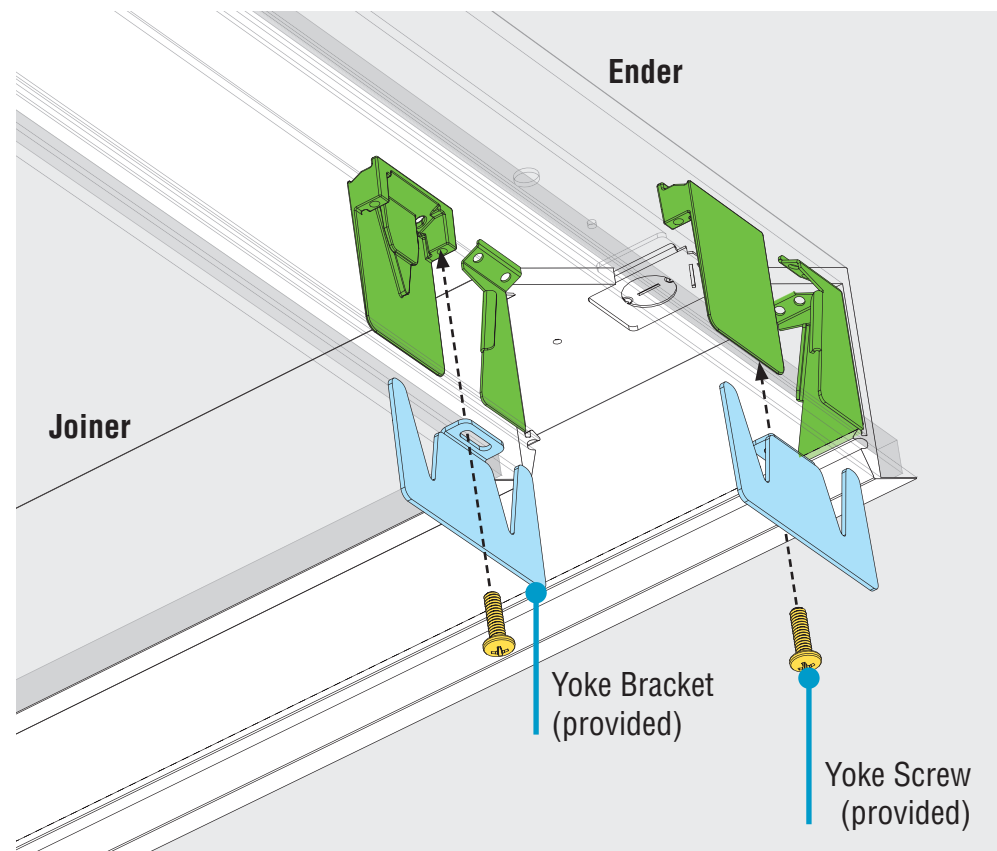
Mounting Option 3

- 1/4"-20 Lag Bolt (by others)

HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

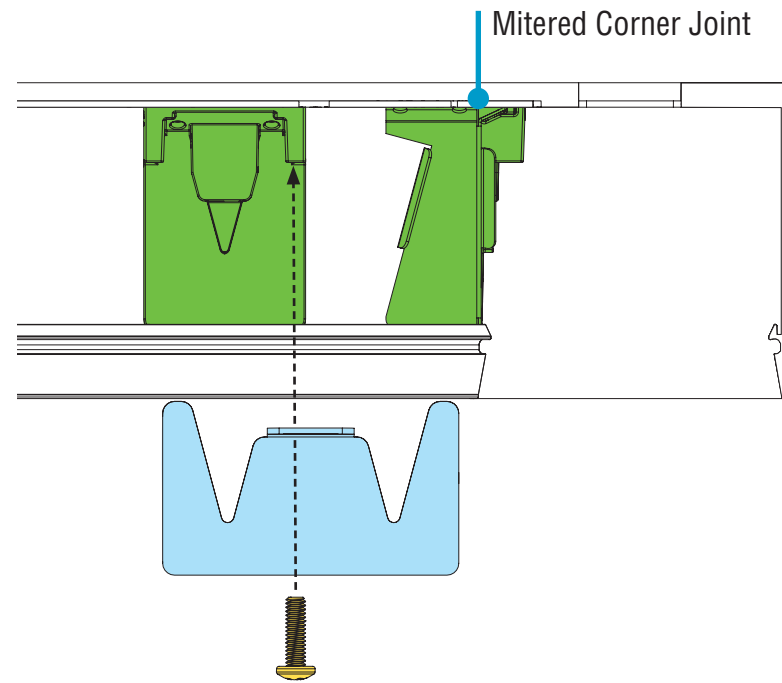
Step 8 - Securing Corner Joints

A. Secure Corner Joint with Yoke Brackets

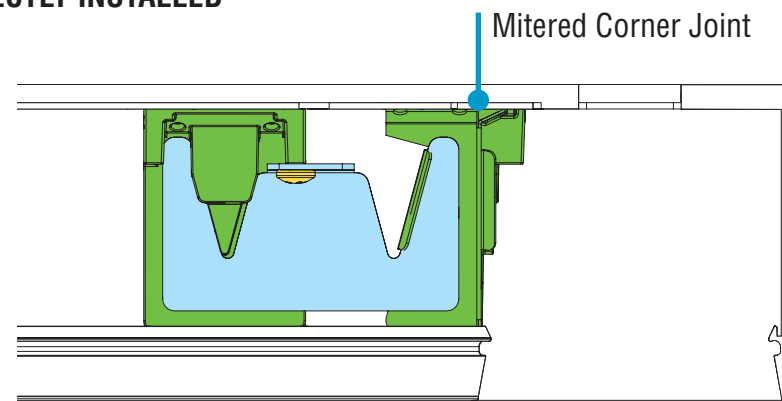


- Before installing yoke brackets, ensure the joining corners of luminaires meet flush and square.
- **CRITICAL:** Ensure yoke brackets properly engage with aligner sleeves.
- Secure **all** joints by using a screwdriver¹ to tighten yoke screws through yoke brackets and into the aligner sleeves until joint seam of luminaire is closed.

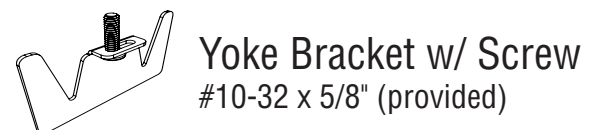
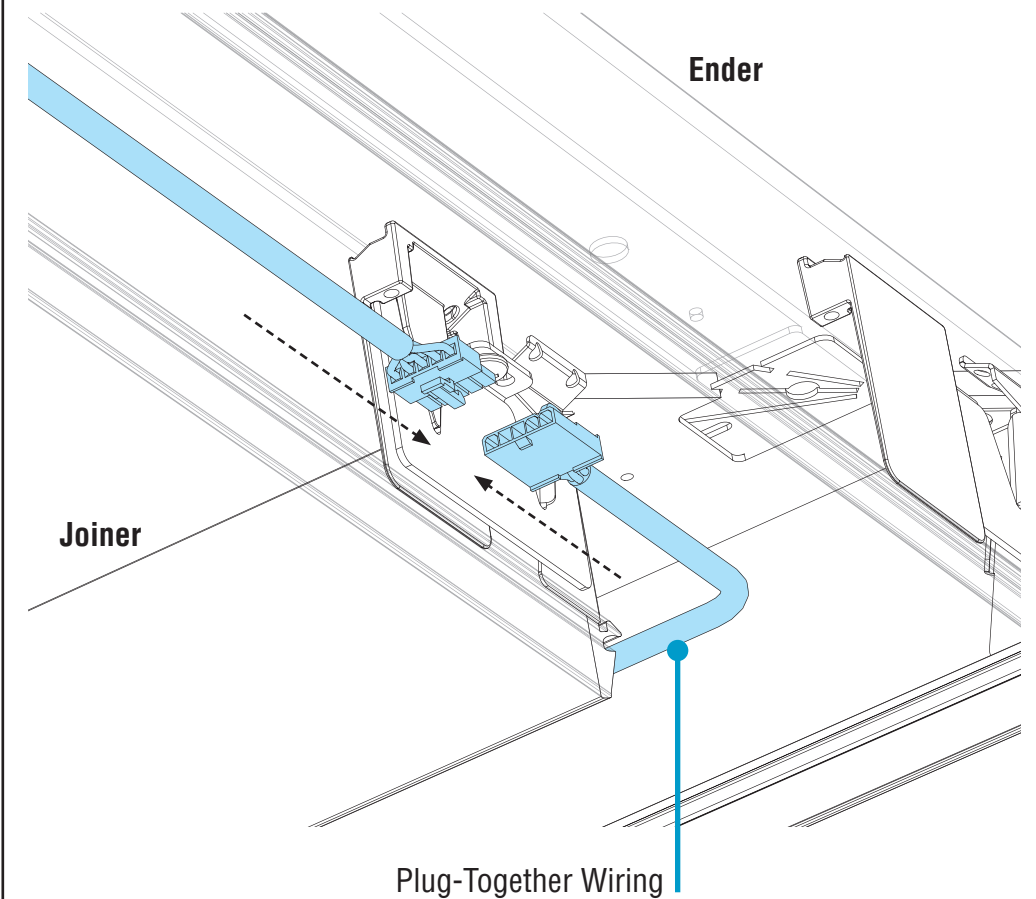
IN ALIGNMENT



CORRECTLY INSTALLED



B. Make Electrical Connections



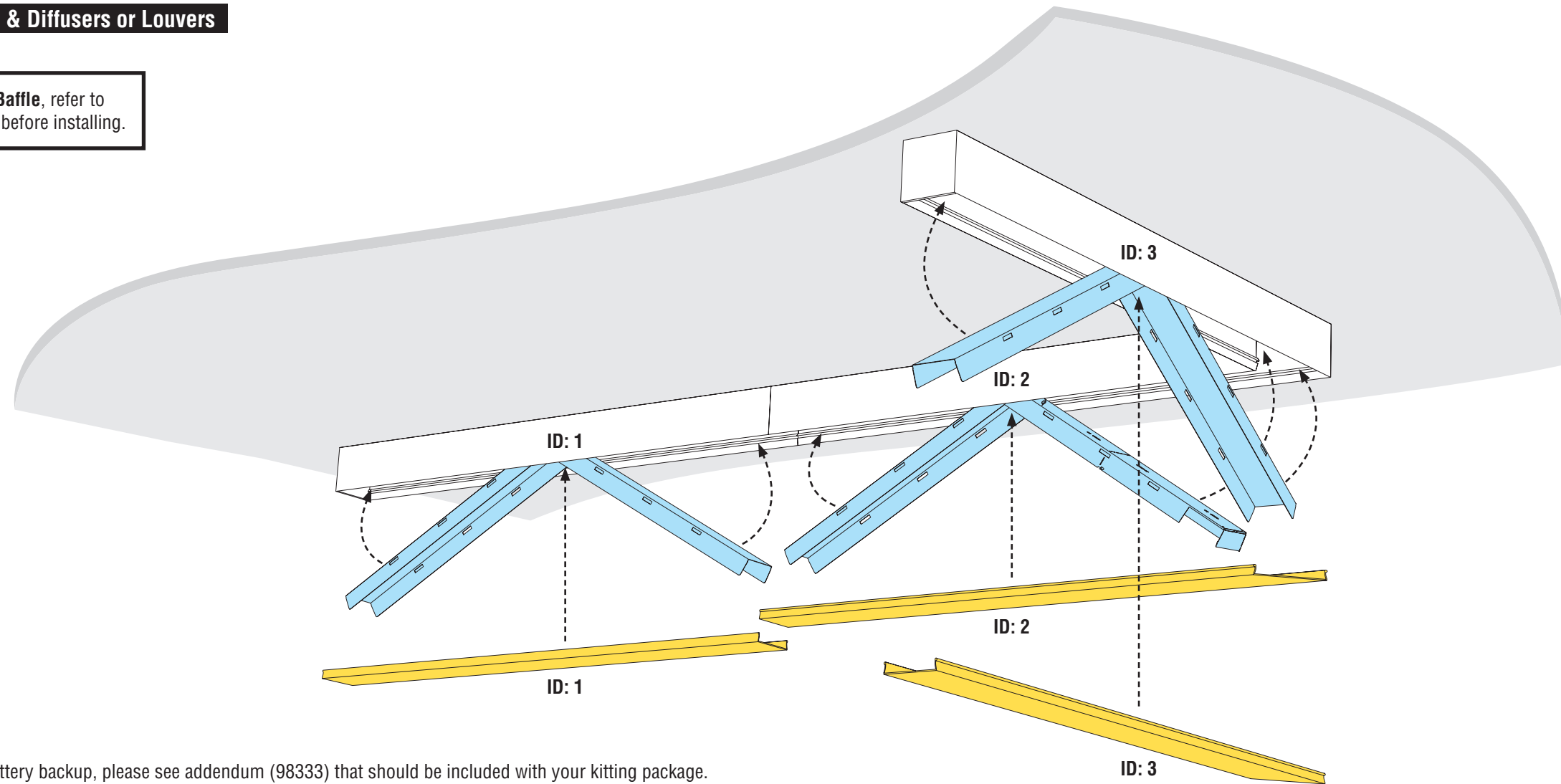
¹ Screwdriver with 6" bit required.

HP-2 / HP-4 / HP-6 Surface Mount with Mitered Corners Installation Instructions

Step 9 - Closing Luminaires

Final Step - Replace Backplates & Diffusers or Louvers

NOTE: For White Cross Blade Baffle, refer to Baffle Tether Addendum before installing.



- **NOTE:** If your installation includes a battery backup, please see addendum (98333) that should be included with your kitting package.
- **FOR SENSOR OR SOCKET:** If luminaire contains a sensor or socket at endcap, refer to page 3 of appropriate Addendum.
If luminaire contains a sensor or socket at joint, refer to page 5 of appropriate Addendum.
- Reinstall any open backplates by rotating into luminaire body and snapping back into clips.
- Remove diffusers or louvers from protective plastic bag.
- **CAUTION:** Wear gloves to keep diffuser or louver surface clean.
- **CRITICAL:** Be sure to install correct diffuser or louver to its corresponding luminaire ID.
- **NOTE:** For White Cross Blade Baffle, refer to Baffle Tether Addendum before installing.
- Install diffusers or louvers into luminaire body, ensuring they snap into place.
- Turn power on to luminaire.



Socket Removal
& Installation