

# Linear Trio 3 Surface Mount / Wall Mount 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

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Ceiling or Wall

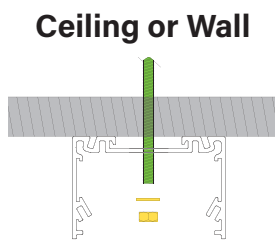
# Linear Trio 3 Surface Mount / Wall Mount Installation Instructions

## Step 1 - Mounting Options & Locations

### Mounting Options

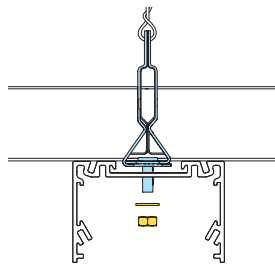
#### Option 1 - Mount to Threaded Rod

- 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.



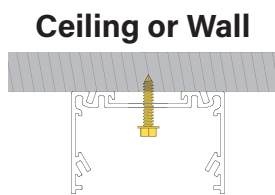
#### Option 2 - Mount to T-Bar

- 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

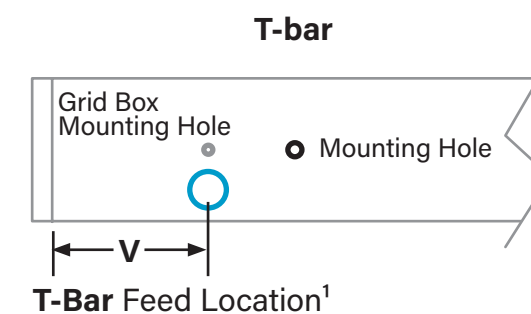
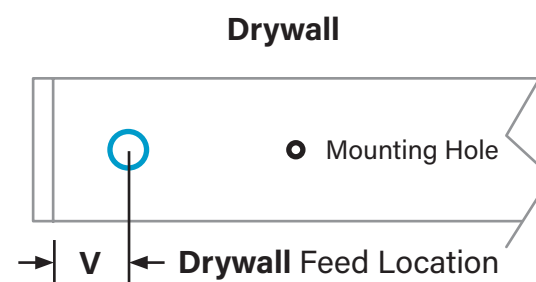
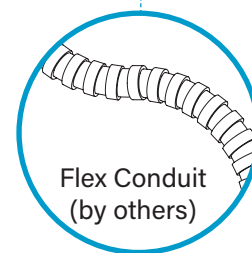
- Install electrical junction box and electrical conduit at feed locations.



### Mounting Locations

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

LT3	Z = Mounting Hole Location	V = Feed Location	
		Drywall	T-Bar <sup>1</sup>
	5"	3/4"	3 1/2"



- 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.

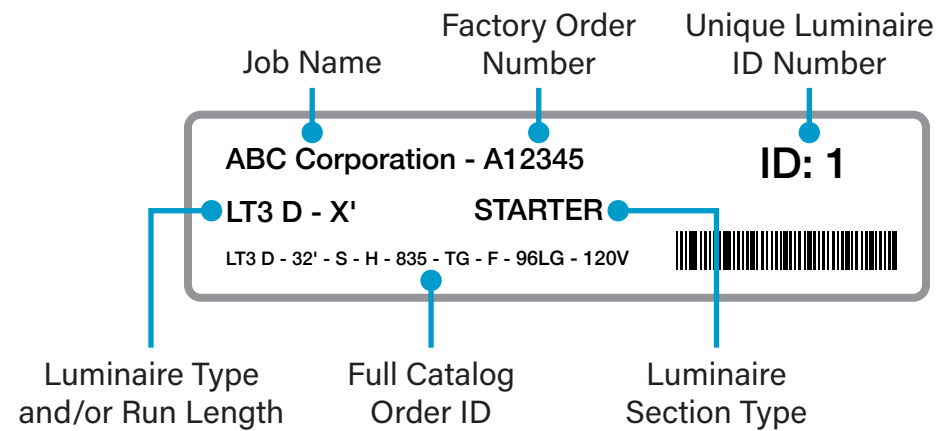
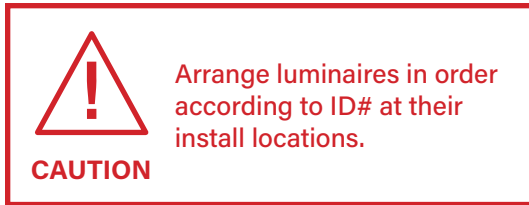
<p>Mounting Option 1</p> <p>Threaded Rod (by others)</p> <p>1/4"-20 Washer (by others)</p> <p>1/4"-20 Nut (by others)</p>	<p>Mounting Option 2</p> <p>Caddy Clip (provided)</p> <p>1/4"-20 Washer (by others)</p> <p>1/4"-20 Nut (by others)</p>	<p>Mounting Option 3</p> <p>1/4"-20 Lag Bolt (by others)</p>	<p>Flex Conduit (by others)</p>
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<sup>1</sup> 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.

# Linear Trio 3 Surface Mount / Wall Mount Installation Instructions

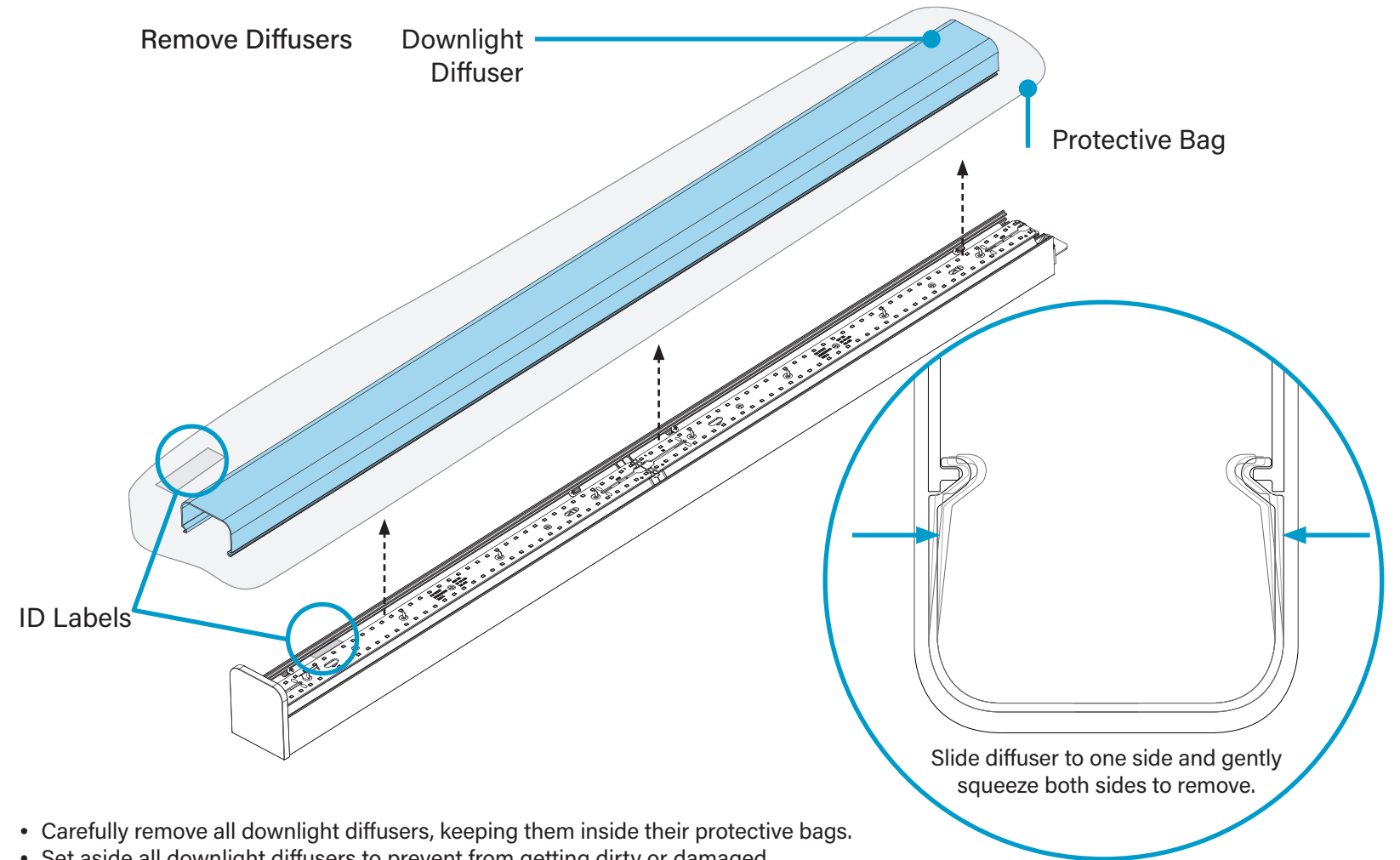
## Step 2 - Identification & Preparation

### A. Identify Luminaires



- 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.

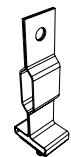
### B. Remove Downlight Diffusers



- 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.

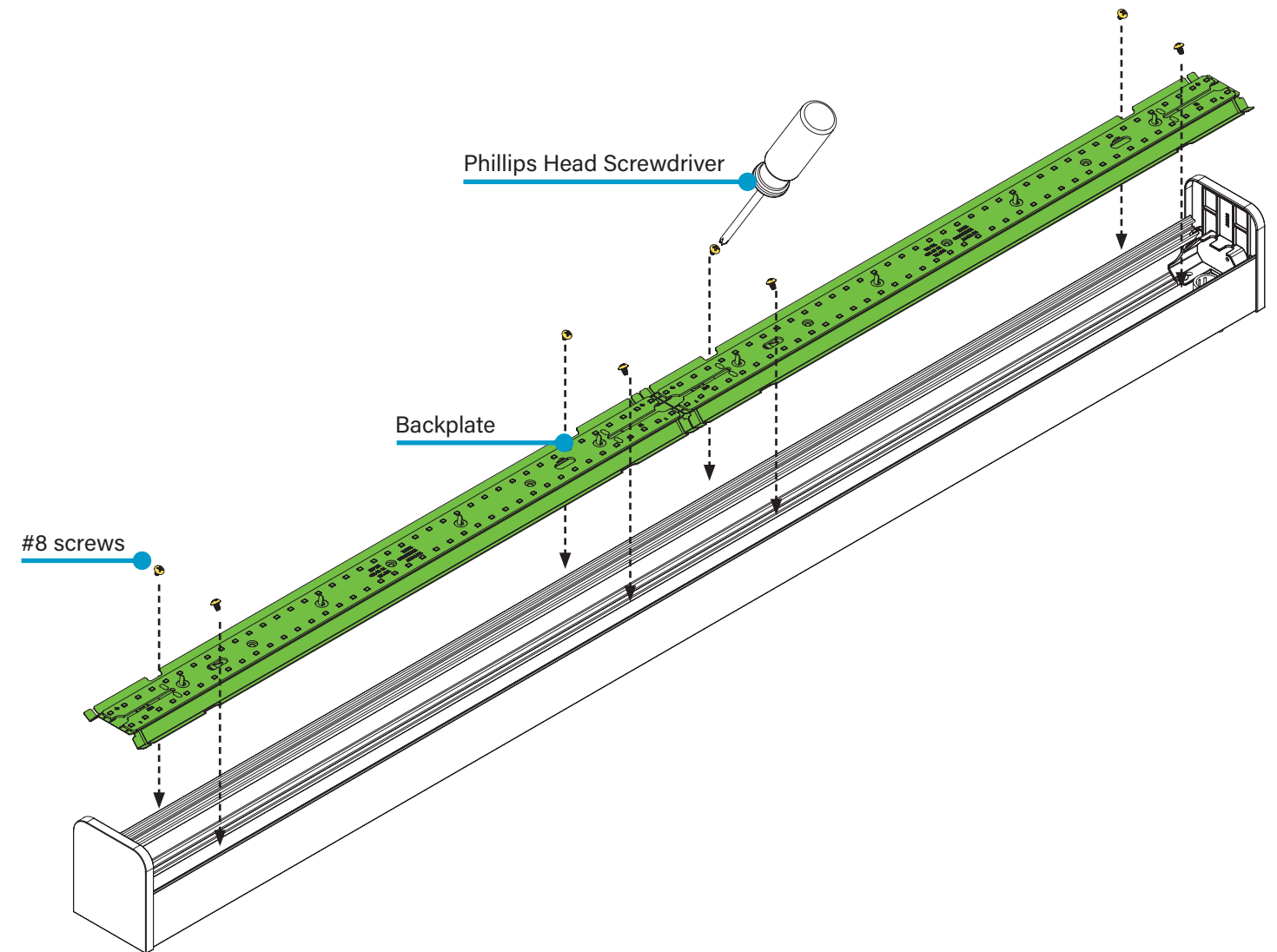
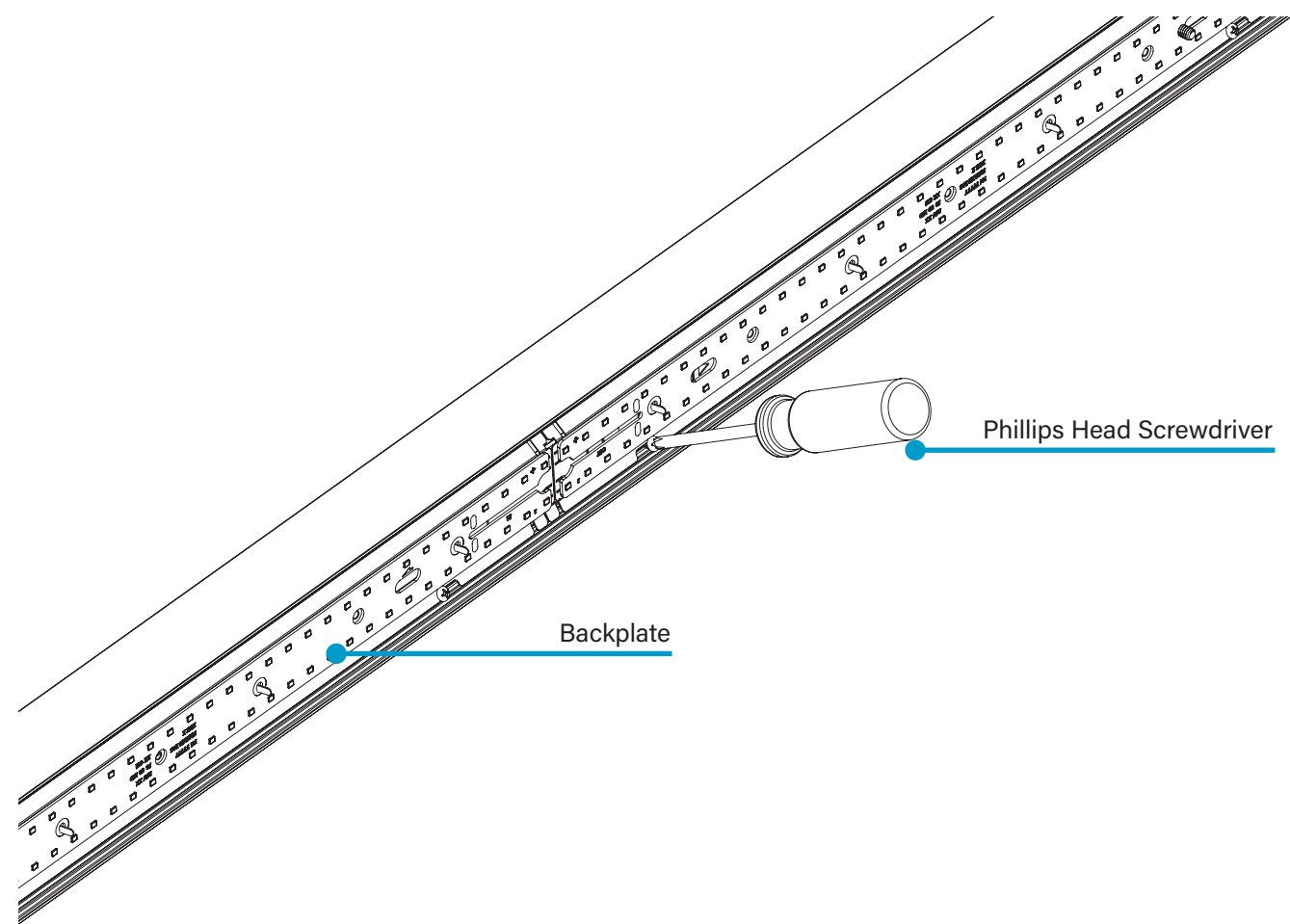


**Caddy Clip**  
C1 Ceiling - Part# 94001  
C2 Ceiling - Part# 94020  
C3 Ceiling - Part# 94029  
Mounting & Suspension  
p. 2, Step 1

# Linear Trio 3 Surface Mount / Wall Mount Installation Instructions

## Step 3 - Opening Luminaires

### A. Open Backplate



- Open all backplates for access to mounting points.
- Open backplate by using the Phillips Head screwdrivers to remove the #8 screws.

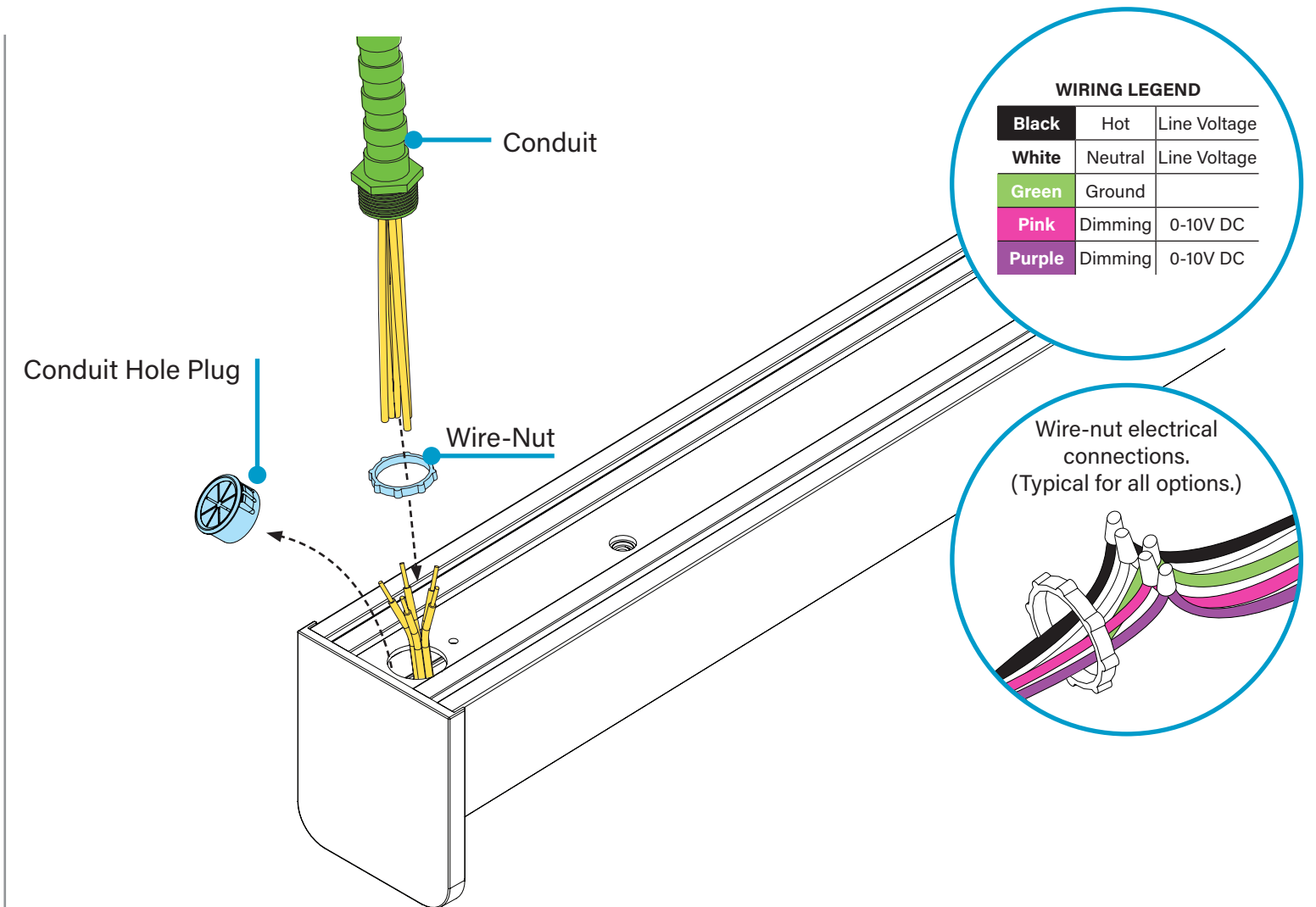
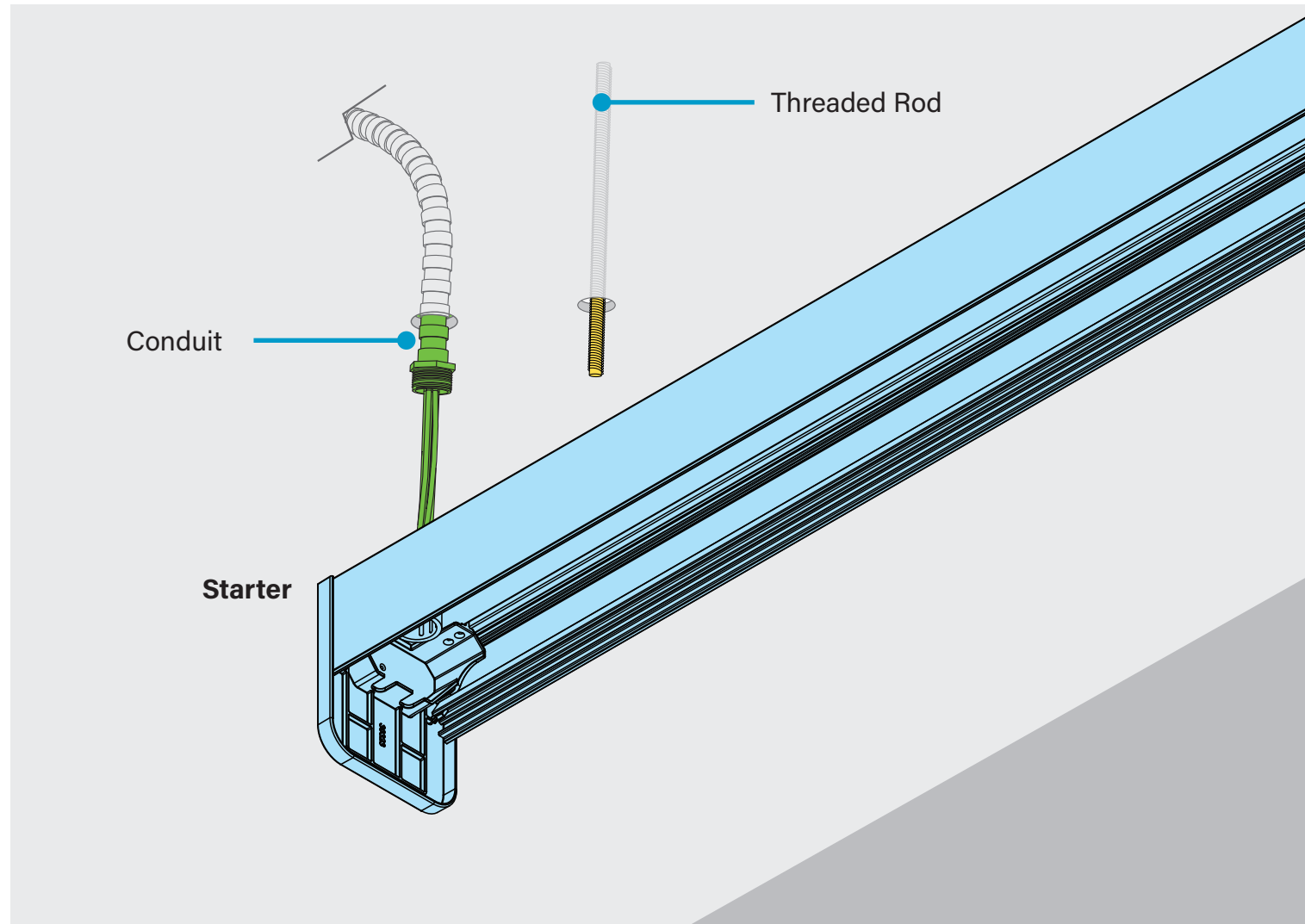


Effortless  
Access

# Linear Trio 3 Surface Mount / Wall Mount Installation Instructions

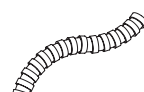
## Step 4 - Mounting Starter to Structure

### A. Make Electrical Connections



- While properly supporting luminaire, maneuver luminaire near wall/ceiling opening.
- Make electrical connections at **TOP** of luminaire.

- Remove conduit hole plug
- Install conduit and nut through conduit hole.
- Wire-nut electrical connections. See wiring legend above.

 Flex Conduit  
(by others)

CONTINUED

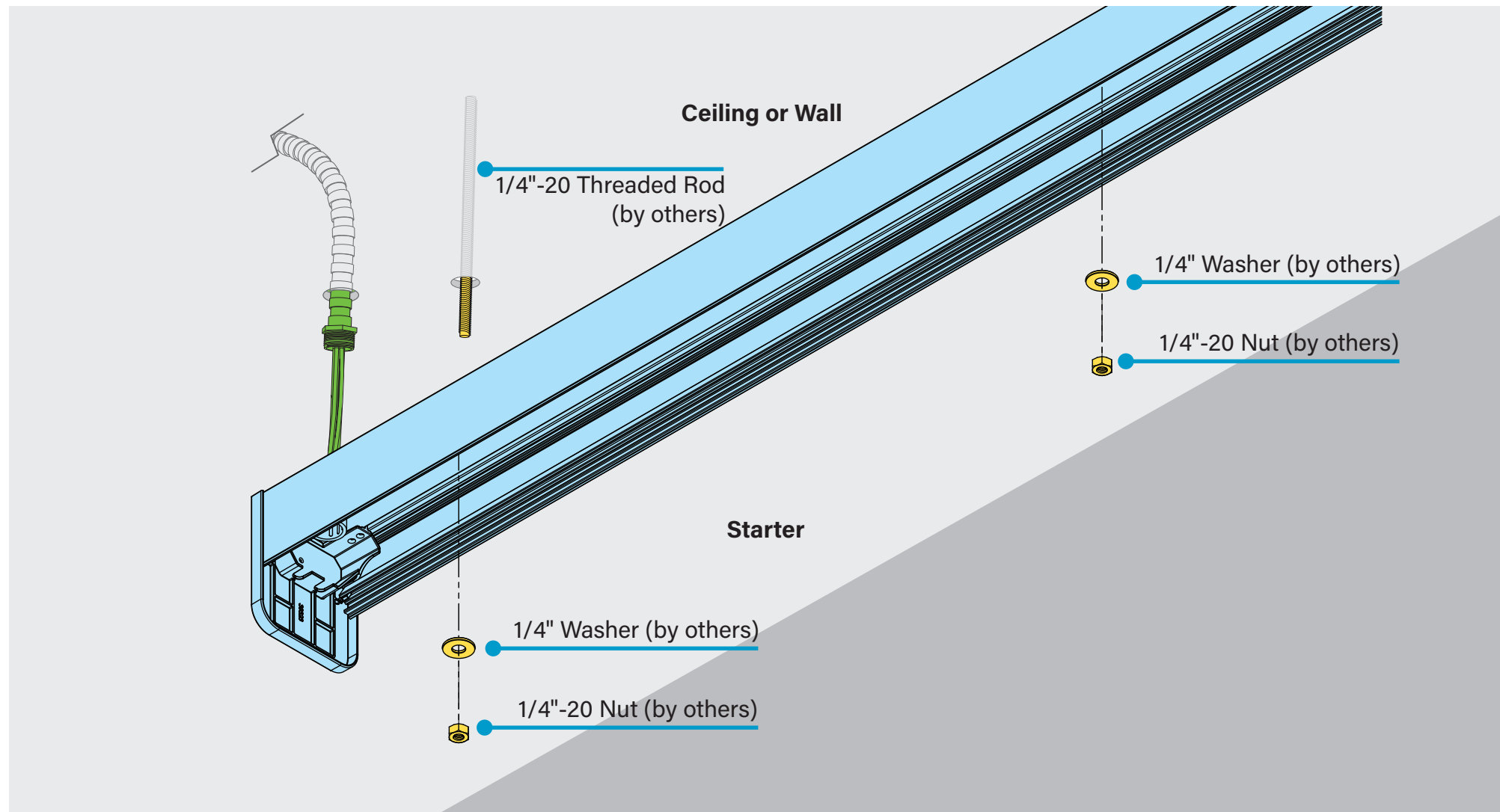


0-10V  
Dimming

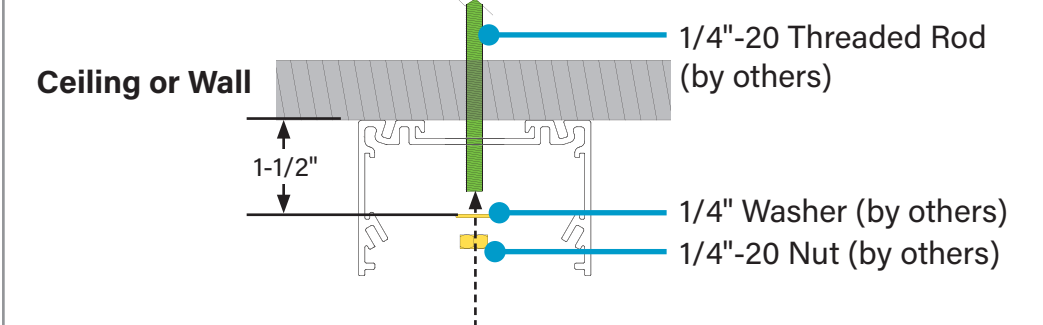
# Linear Trio 3 Surface Mount / Wall Mount Installation Instructions

## Step 4 - Mounting Starter to Structure

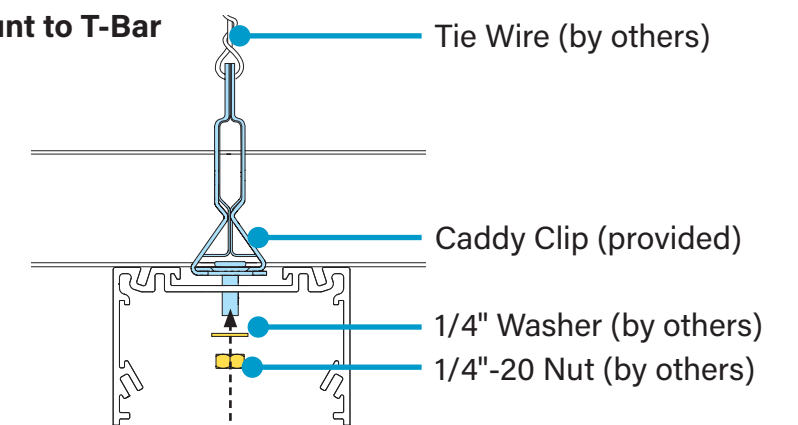
### B. Mount Starter to Structure



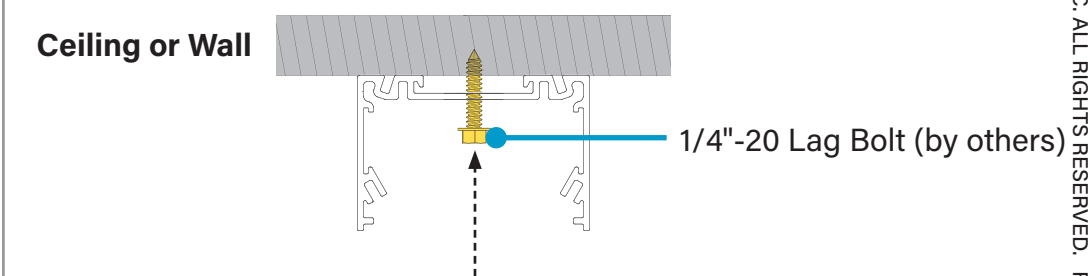
#### Option 1 (Shown) - Mount to Threaded Rod



#### 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 there is no joiner/ender, then tighten nuts fully. **PROCEED TO STEP 7.**

#### Option 3 - Mount to Structure

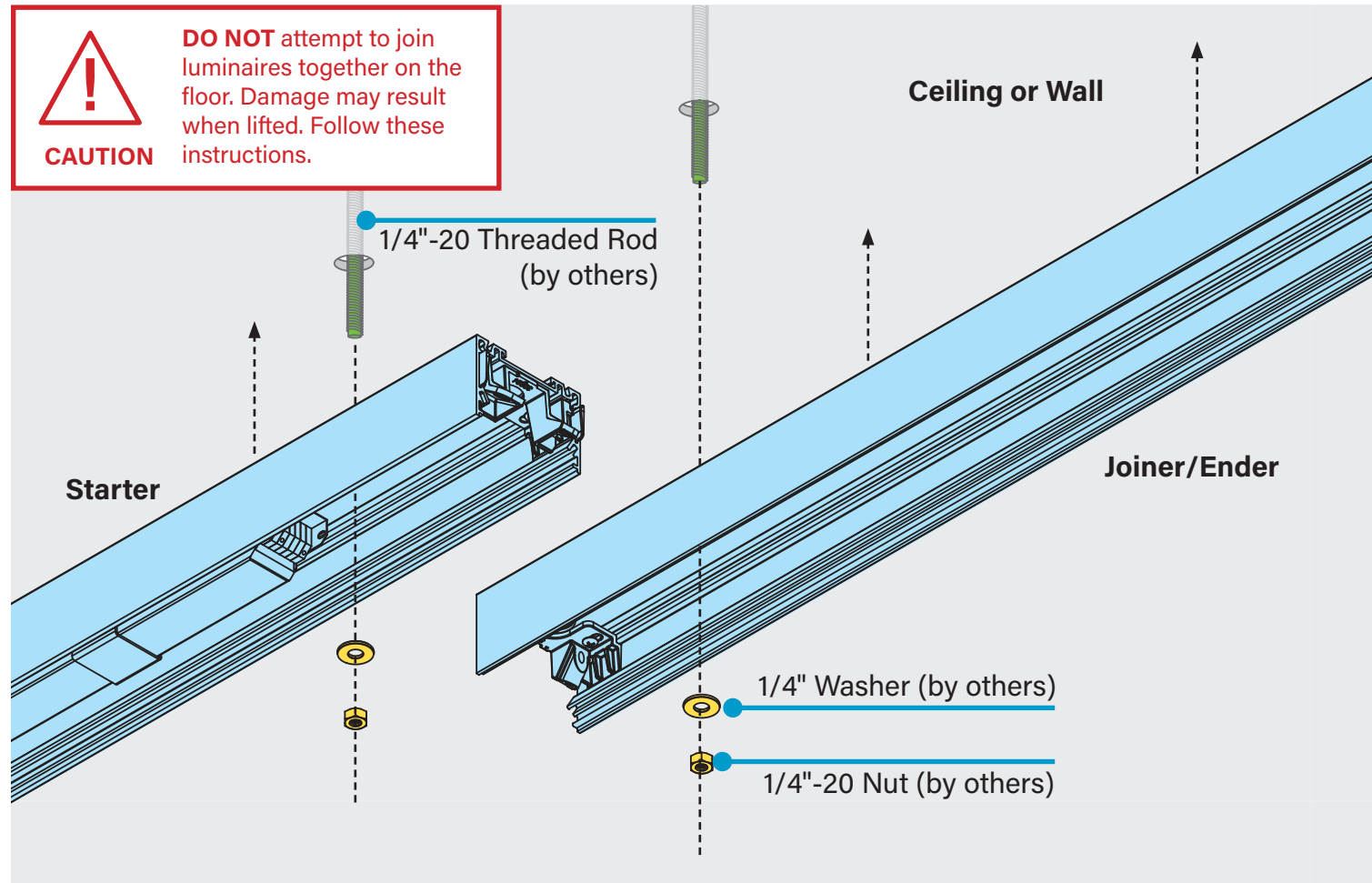
- Place luminaire onto wall/ceiling and mount to structure support with hardware appropriate for the structure type.
- **CRITICAL:** If installing a joiner luminaire in the next step, leave loose.
- If there is no joiner/ender, then tighten nuts fully. **PROCEED TO STEP 7.**

Mounting Option 1		Mounting Option 2		Mounting Option 3	
Threaded Rod (by others)	1/4"-20 Washer (by others)	Caddy Clip (provided)	1/4"-20 Washer (by others)	1/4"-20 Lag Bolt (by others)	
	1/4"-20 Nut (by others)		1/4"-20 Nut (by others)		

# Linear Trio 3 Surface Mount / Wall Mount Installation Instructions

## Step 5 - Joining Luminaires

### A. Mount Joiner/Ender to Structure



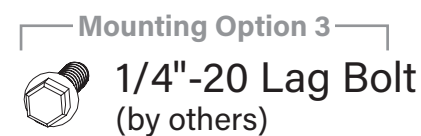
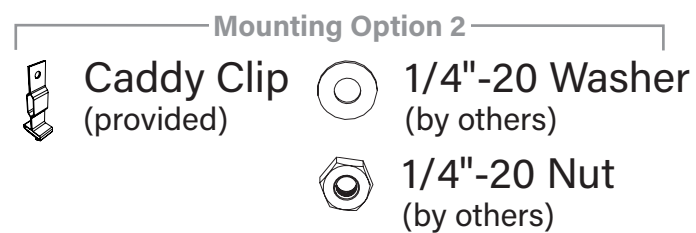
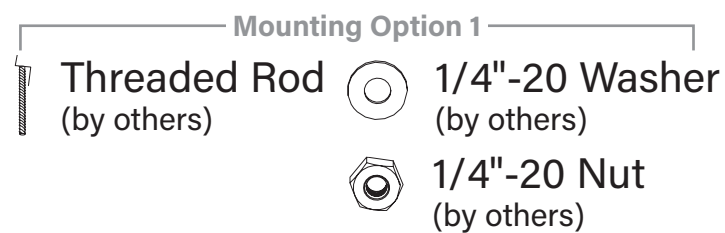
#### Option 1 (Shown) - Mount to Threaded Rod

#### Option 2 - Mount to T-Bar

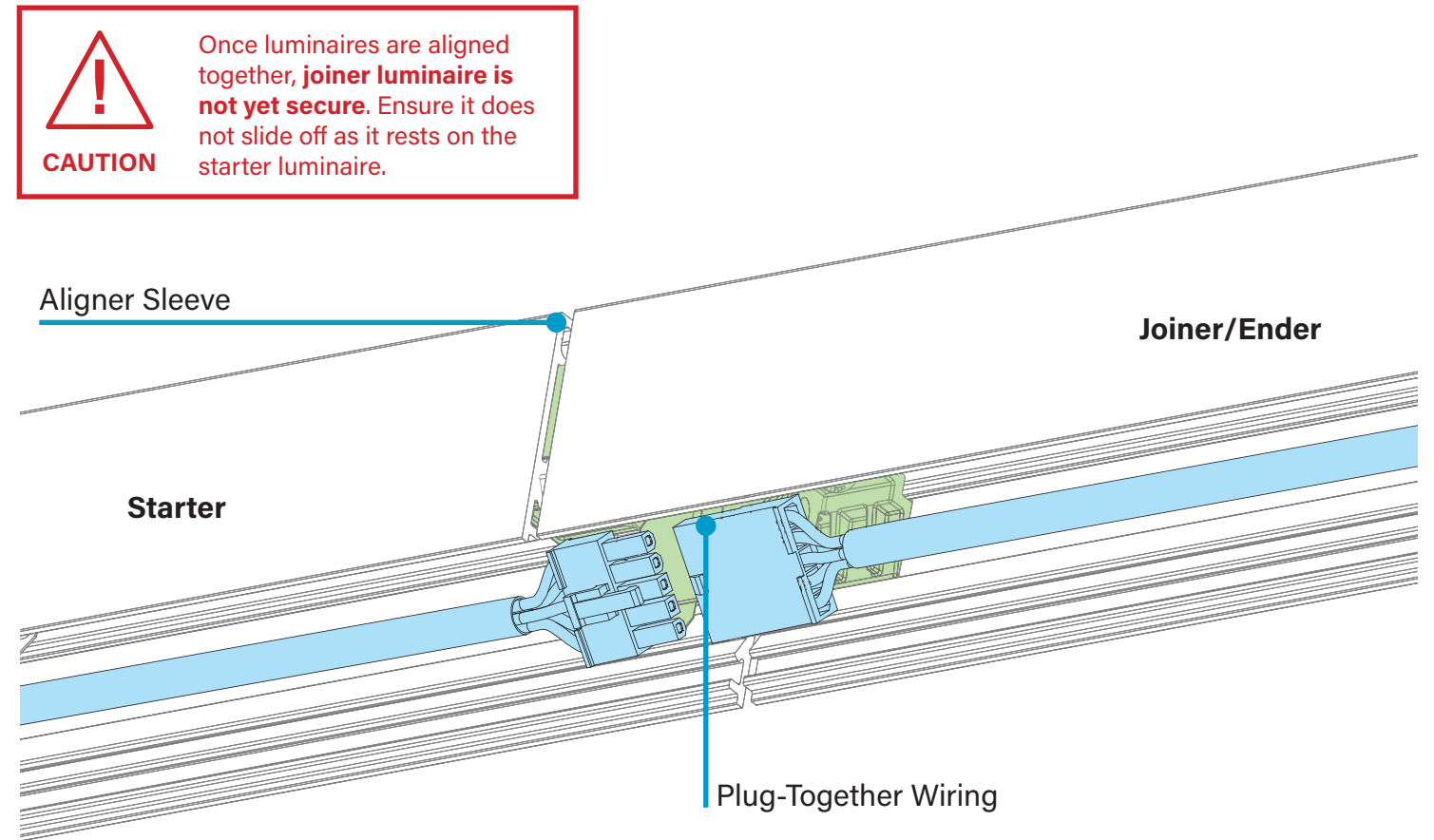
- Align mounting holes with hanging hardware.
- Install 1/4"-20 nut and 1/4"-20 washer onto 1/4"-20 threaded rod.
- **NOTE:** If installing a joiner luminaire, leave nut loose, allowing luminaire to hang at an angle.
- If there is no joiner/ender, then tighten nuts fully.

#### Option 3 - Mount to Structure

- 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/ender, then tighten nuts fully.



### B. Join Luminaires



- Align joiner/ender luminaire with aligner sleeves on the Joiner/Ender and slide together. Be careful not to damage any wiring.
- If necessary, lift both luminaires, then slide together.
- Connect plug-together wiring.

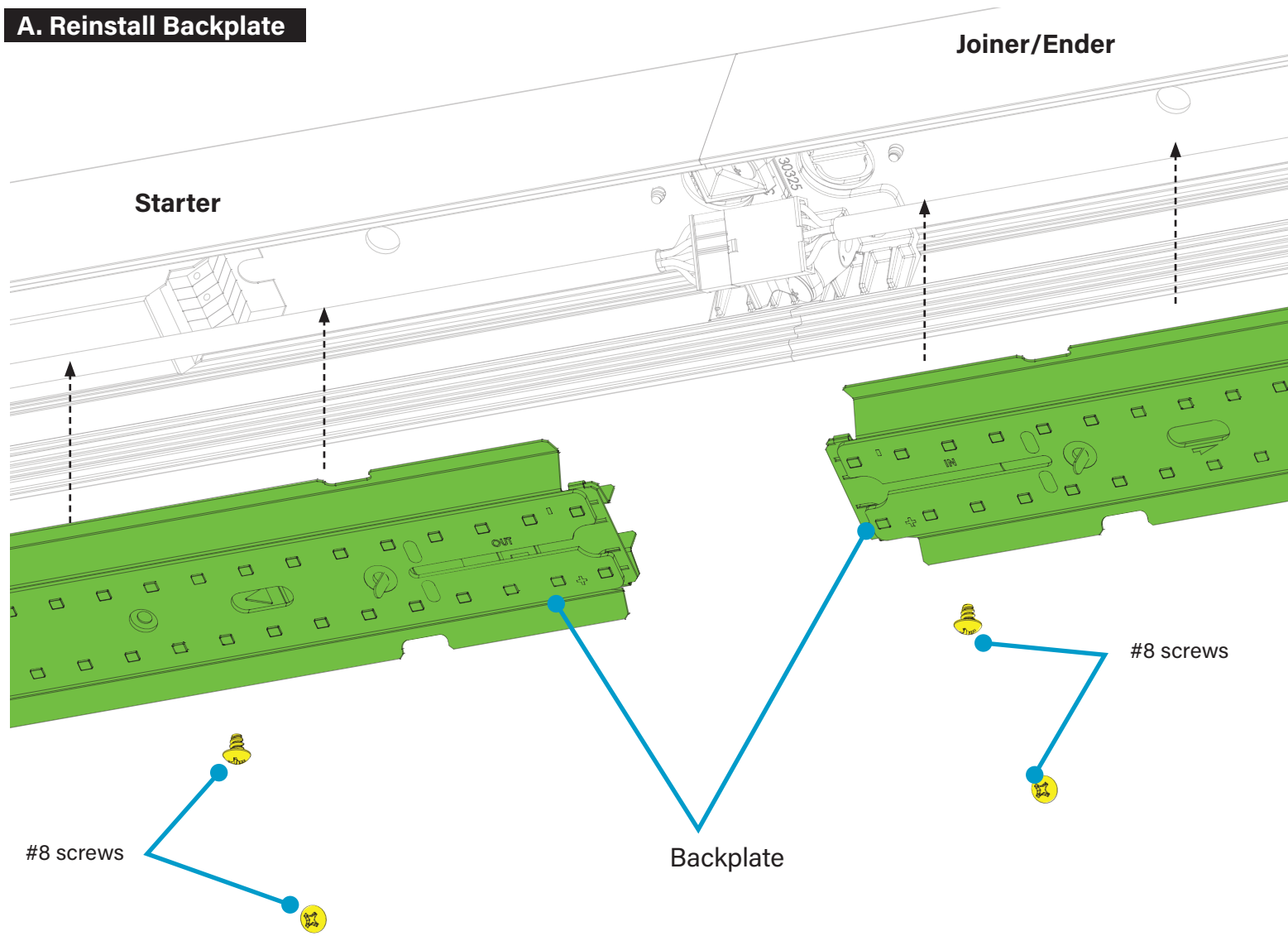


Simple  
Plug-Together  
Wiring

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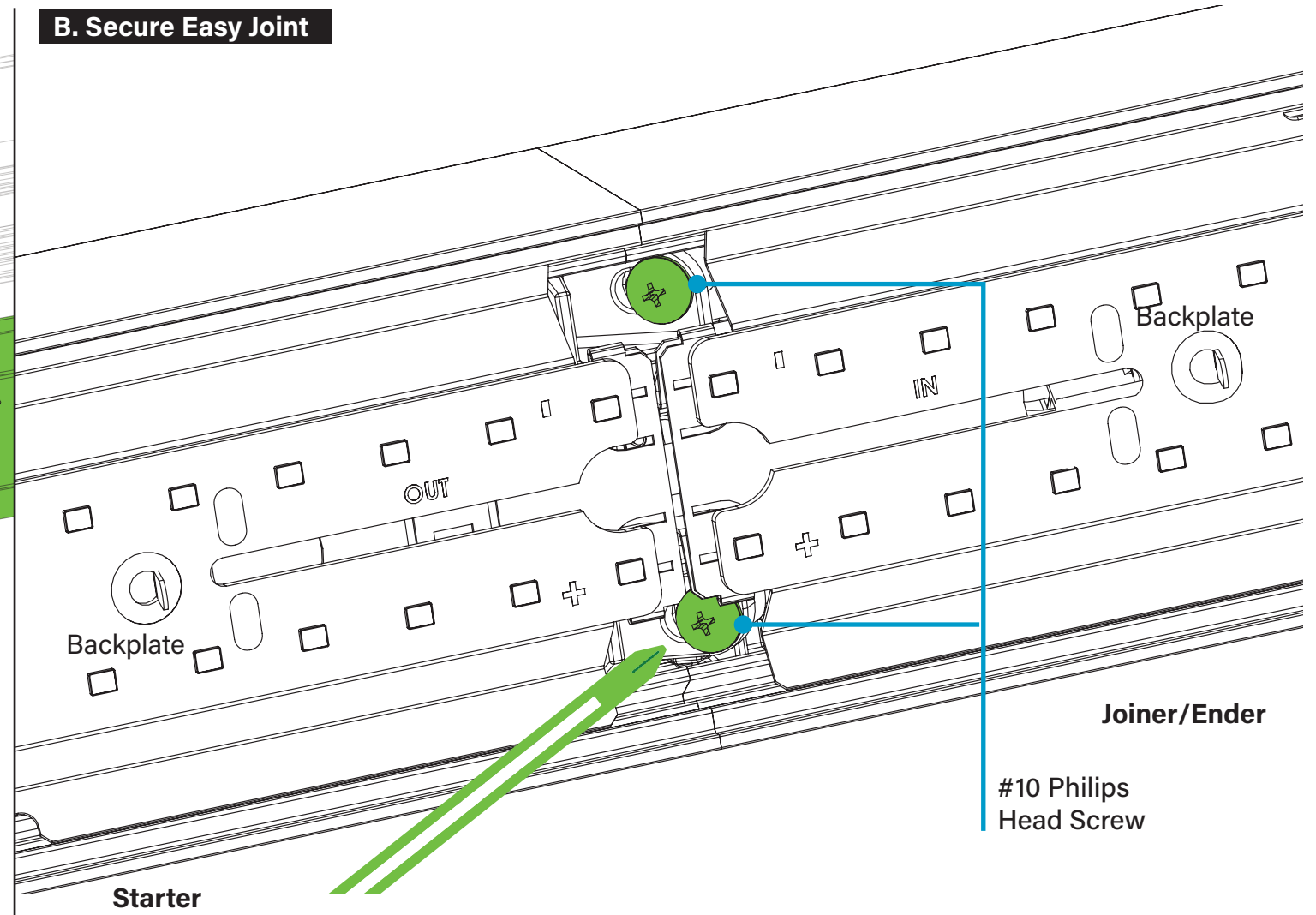
## Step 6 - Securing Luminaire Joints

### A. Reinstall Backplate



- Reinstall Backplate with #8 screws

### B. Secure Easy Joint

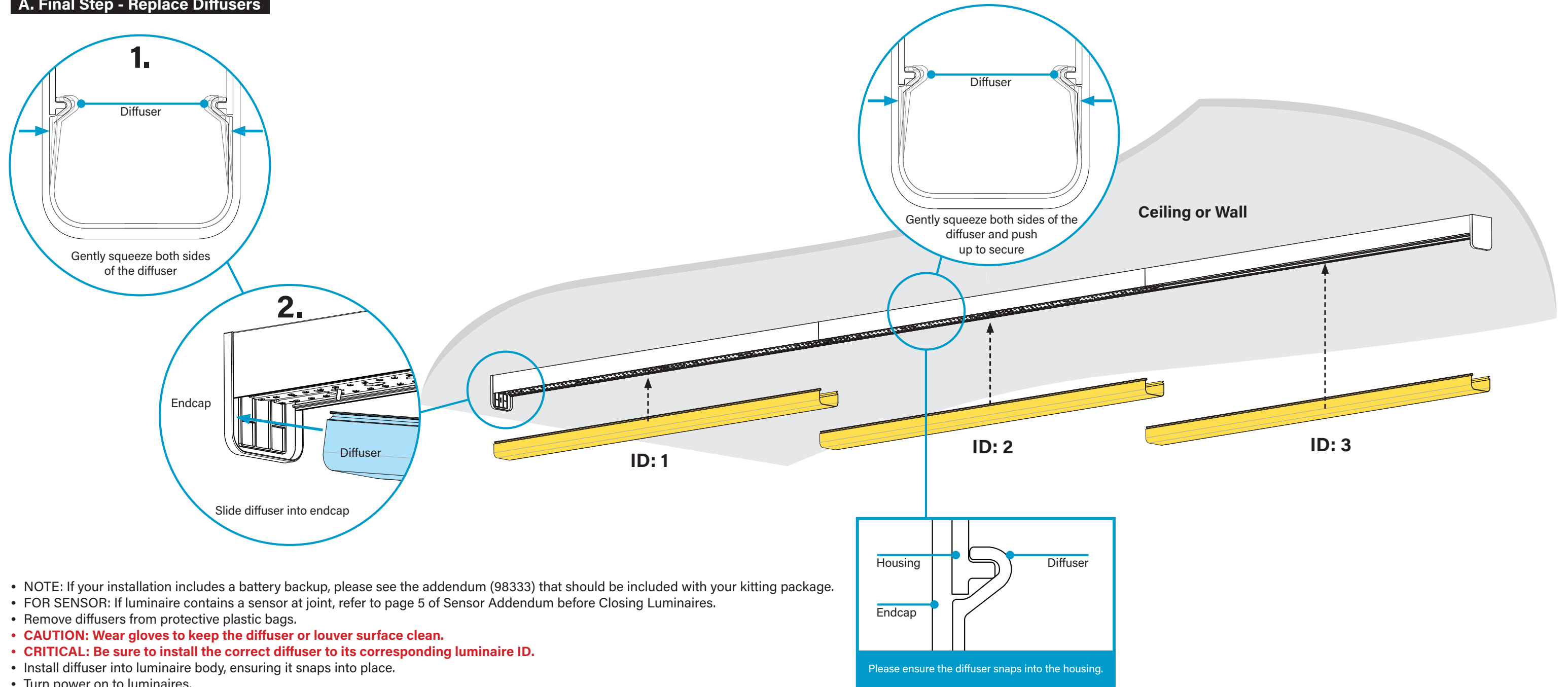


- Secure Joiner/Ender with Starter by tightening two #10 Philips Head Screws.
- Tighten two screws simultaneously and apply equal pressure to each one until tightened.
- **DO NOT USE** impact drivers. Only use drivers with torque limit setting and set to low to prevent stripping the screw.
- **DO NOT OVER TORQUE. DO NOT EXCEED 20 in-lb TORQUE**

# Linear Trio 3 Surface Mount / Wall Mount Installation Instructions

## Step 7 - 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.
- FOR SENSOR: If luminaire contains a sensor at joint, refer to page 5 of Sensor Addendum before Closing Luminaires.
- 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.