

Installation Instructions

Luminaires must be installed by a qualified electrician. Check with local and national codes for proper installation.



To prevent electrical shock disconnect electrical supply before installation or servicing.
Input Voltage 120-277V only!

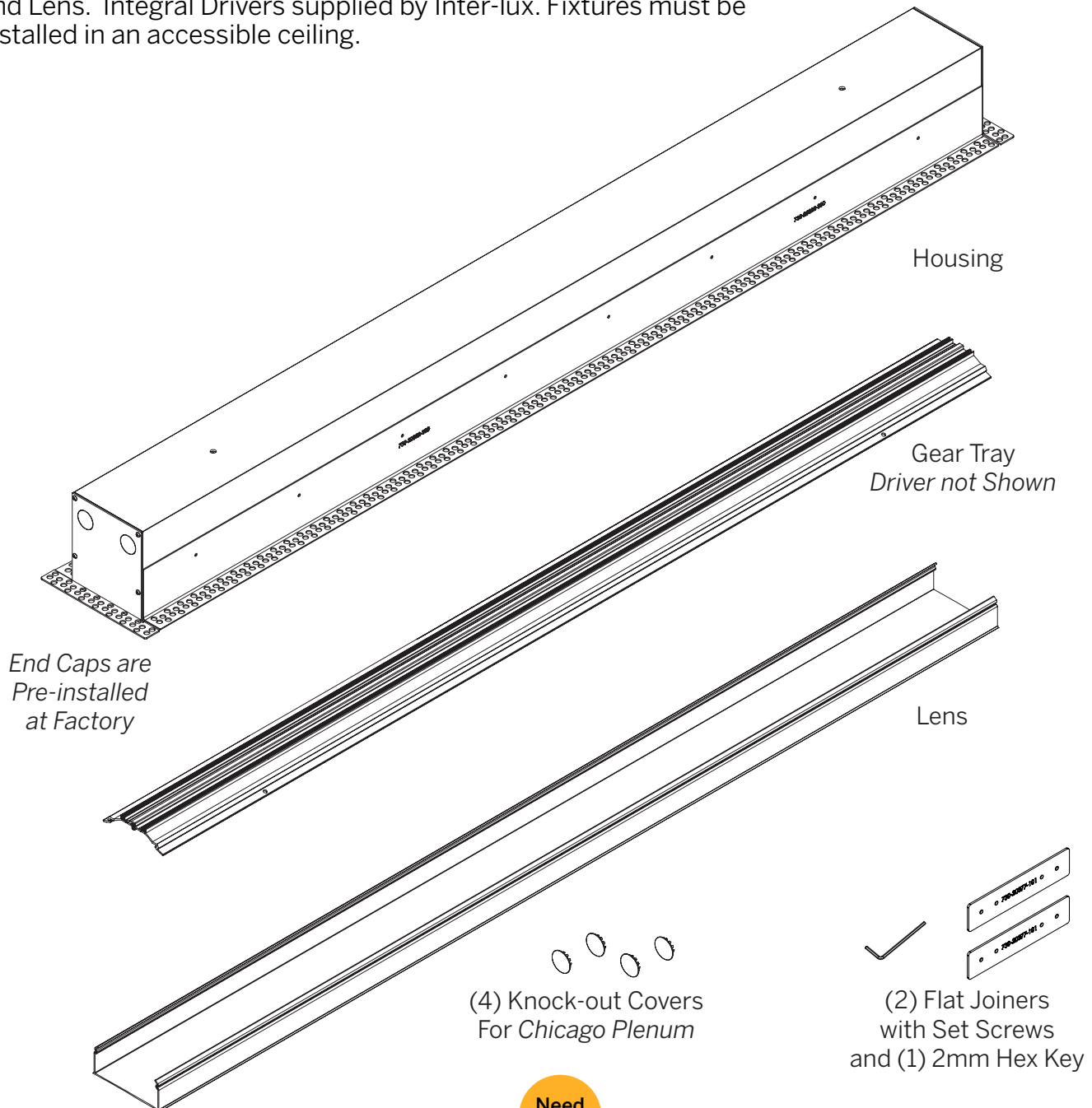
Never connect a fixture to a live driver!!!

Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.

WARNING: Not for insulation contact. Keep insulation a minimum of 3" from Housing.

Step 1 - *Open the Box*

Unpack luminaire unit. Unit consists of (3) major parts: Housing, Gear Tray, and Lens. Integral Drivers supplied by Inter-lux. Fixtures must be installed in an accessible ceiling.

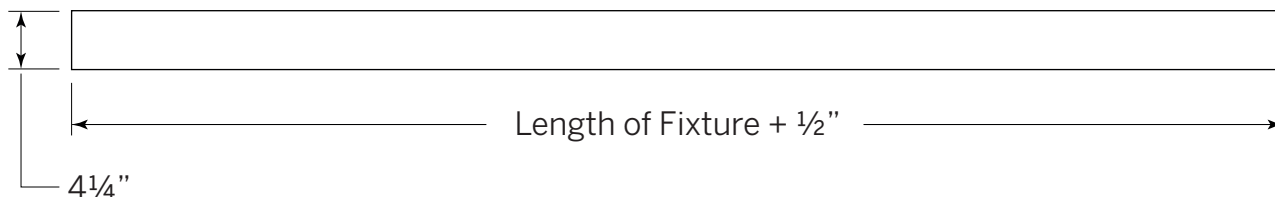


Step 1 - **Open the Box** (continued)

Installation for Chicago Plenum

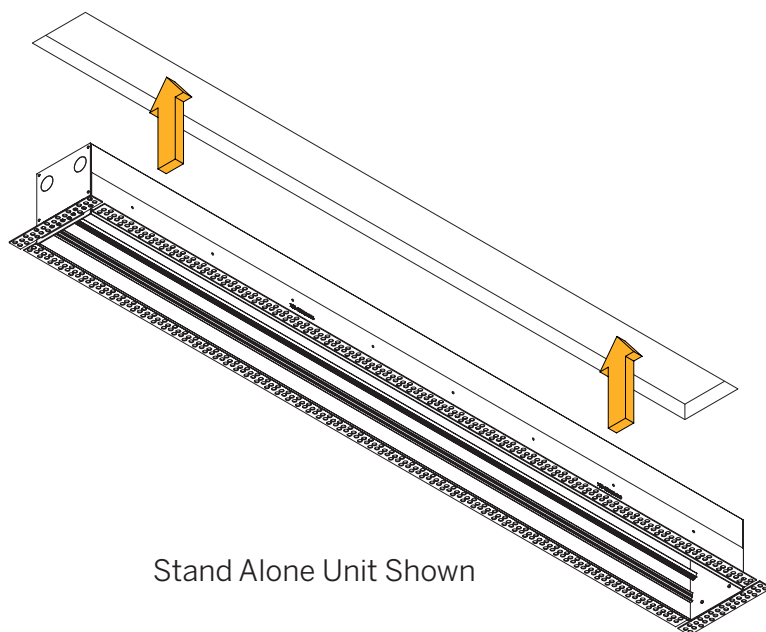
To install this fixture consistent with Chicago Plenum requirements, CCEA-rated conduit, clamp(s), junction box(es), and gasket(s) are supplied by others. Snap-in Hole Covers are provided to cover electrical knock-outs not utilized for end-feed connections. Remove unused knock-outs to install Covers.

Step 2 - **Cut Mounting Hole**

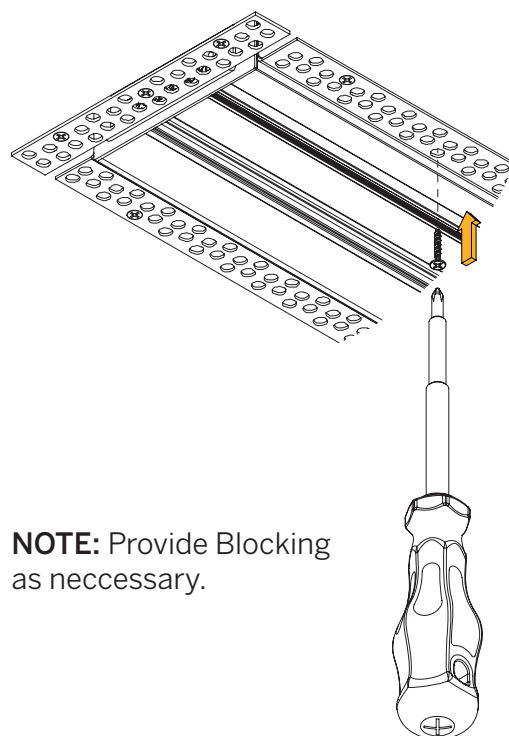


Step 3 - **Install Housing(s)**

a Insert Housing into Ceiling Mounting Hole



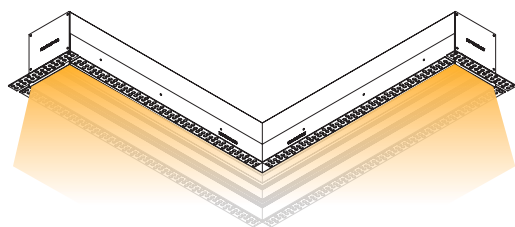
b Fasten Housing to Ceiling with appropriate number and size drywall screws (by others)



**Need
Help?**

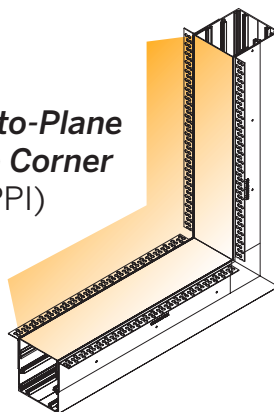
Step 3 - **Install Housing(s)** (continued)

- c** When installing a Pattern, the customer may find it easier starting with a Corner. The Pattern Corner (P), the Plane-to-Plane Inside Corner (PPI), and Plane-to-Plane Outside Corner (PPO) are welded at the factory. Illustration of light output shows direction only, and is not indicative of actual color, intensity, or spread.

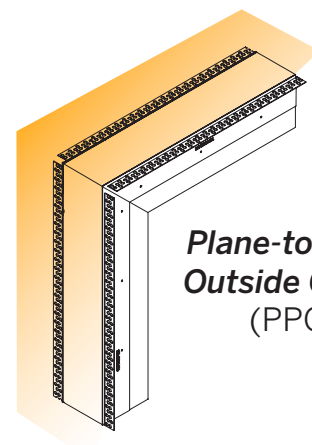


Pattern Corner (P)

**Plane-to-Plane
Inside Corner
(PPI)**



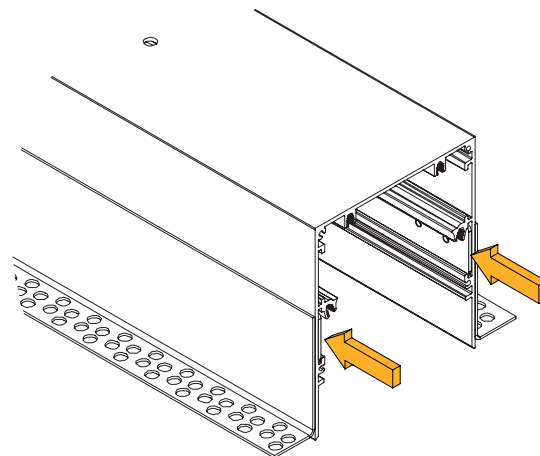
**Plane-to-Plane
Outside Corner
(PPO)**



Step 4 - **Install Joiners** - Multi Unit Run only

On *Starting Unit*, on end opposite End Cap, slide a Joiner *completely* into each interior channel on each side of Housing, as shown.

Do not fasten Joiners to Housing at this time.



Step 5 - **Pull Power Feed into Housing**

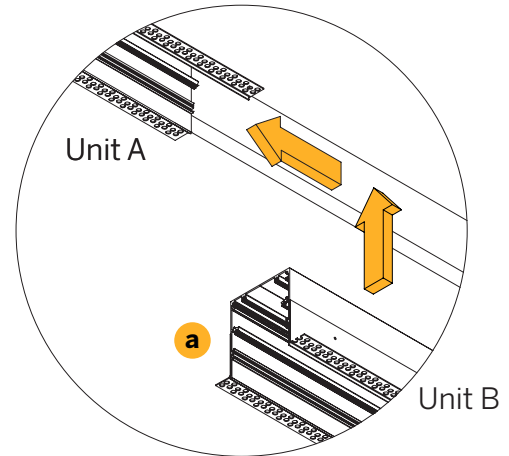
- a** Remove Housing End Cap Knock-out.
- b** Install appropriate fitting (by others).
- c** Pull branch-circuit feed into Housing.

NOTE: For a Pattern - in which there are no End Caps - a 7/8" hole will be drilled in the top of one unit or more, if necessary.

**Need
Help?**

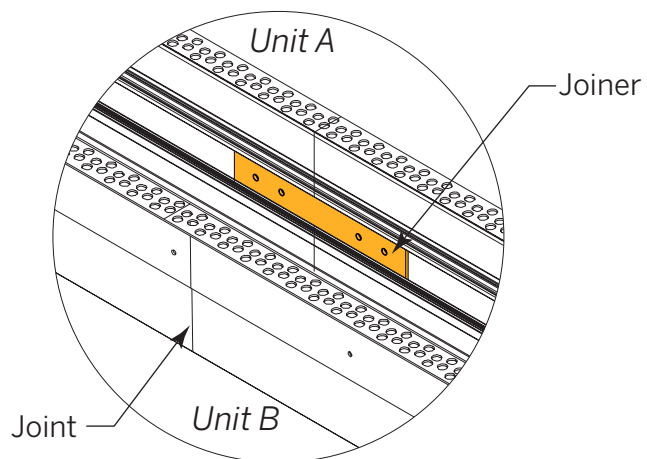
Step 6 - **Join Housings** - Multi Unit Run only

- a** Raise Unit B into Ceiling and butt up against Unit A
- b** Slide both Joiners over such that they are situated equally across the Joint.
- c** Repeat **Step 3b** to fasten Housing to Ceiling.
- d** Fasten Joiners with supplied Set Screws using supplied 2mm Hex Key. **Do not** overtighten. as it risks deforming outer surface of Housing.
- e** Repeat **Step 6** for all units in Run.



Chicago Plenum

As Housings are drawn together apply silicone caulk to outside joint. Ensure that squeeze-out does not interfere with Joiners sliding into final position.

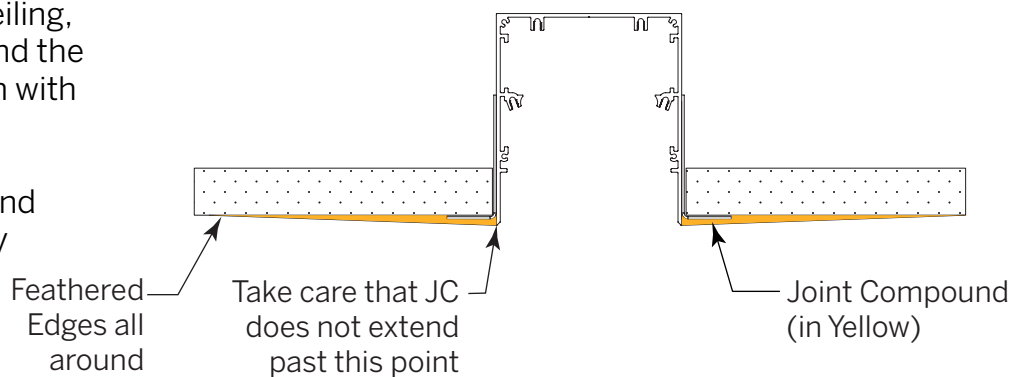


View Inside Housing

Step 7 - **Apply Joint Compound**

With Plaster Trim screwed to ceiling, apply Joint Compound all around the trim taking care to apply it flush with the Housing opening.

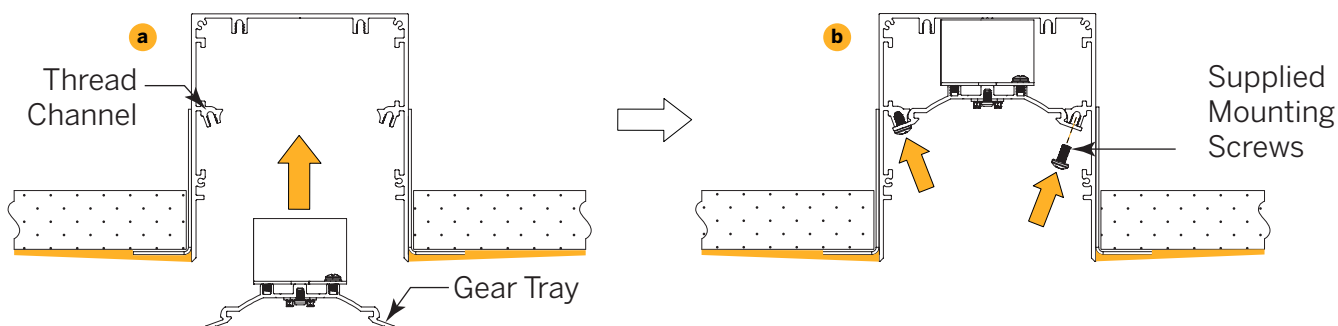
Allow Joint Compound to dry and sand before installing Gear Tray and Lens.



Need Help?

Step 8 - *Install Gear Tray*

- a** Raise Gear Tray up and into Housing from below.
- b** Fasten Gear Tray to Thread Channel in Housing with supplied screws. Mounting holes predrilled at factory.

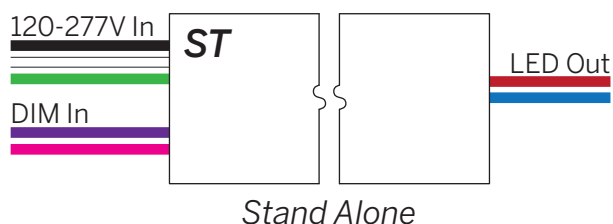


NOTE: The number of Drivers depends on length of Fixture and Power Levels specified. As such, there may be more than one Driver and Luminaire Power Feed. Similarly, controllers will add a second pair of feeds to each Driver.

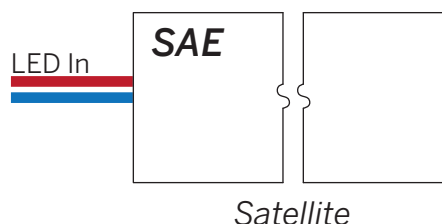
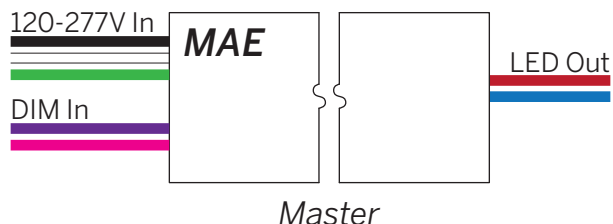
Step 9 - *Wiring*

Each Gear Tray is factory-labeled with its driver configuration code. Match that code to one of the diagrams below, located in the upper left-hand corner.

Make branch-circuit connections with supplied Wago™ connectors.



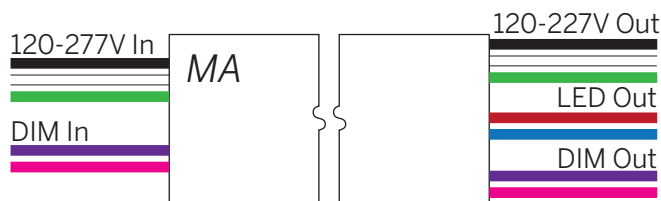
Conductor Color Legend		
Line (L)		Black
Neutral (N)		White
Ground (G)		Green
DIM (+)		Purple
DIM (-)		Pink
DC (+)		Red
DC (-)		Blue



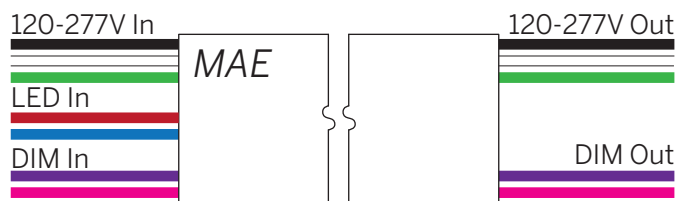
**Need
Help?**

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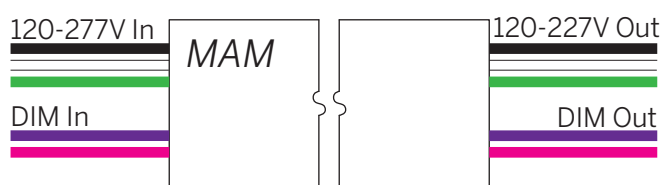
Step 9 - **Wiring** (continued)



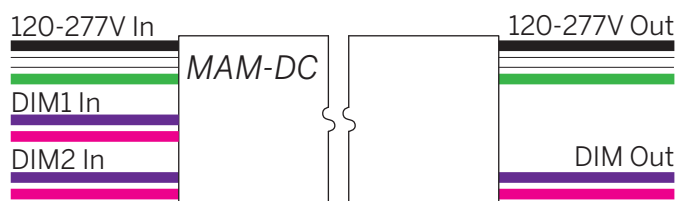
Master with Through Wiring



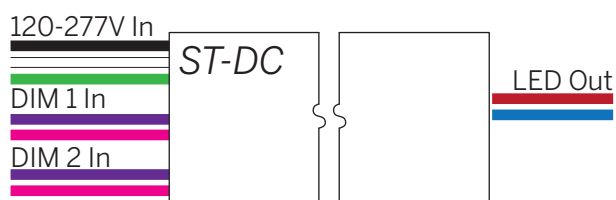
Satellite with Through Wiring



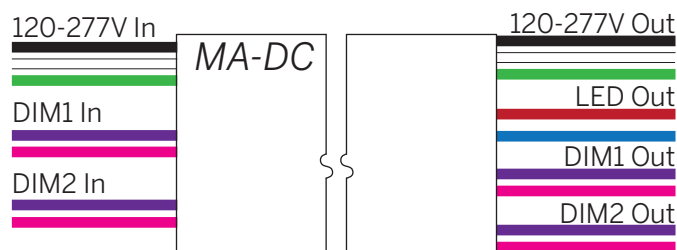
Master to Master



Master to Master-DC



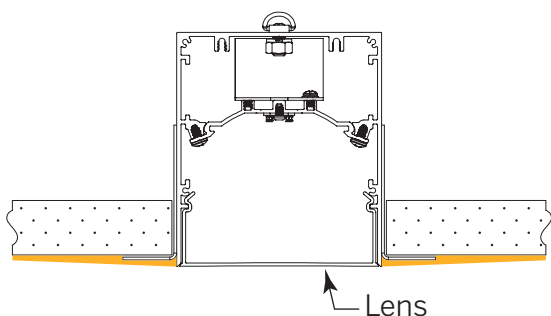
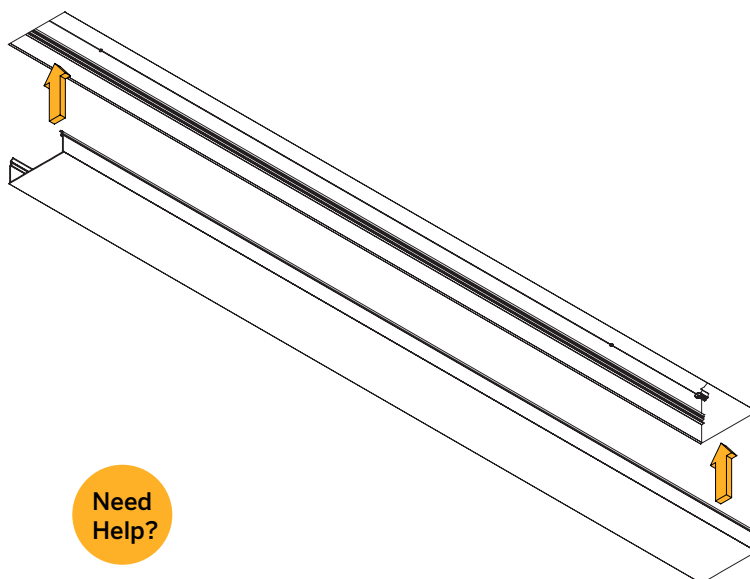
Stand Alone - DC



Master with Through Wiring - DC

Step 10 - **Install Lens**

- a** Snap in Lens as shown at right and below.
- b** Energize!



Need Help?