

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 (2) major parts: Housing and Gear Tray with Lens. Integral Drivers supplied by Inter-lux. Fixtures must be installed in an accessible ceiling.

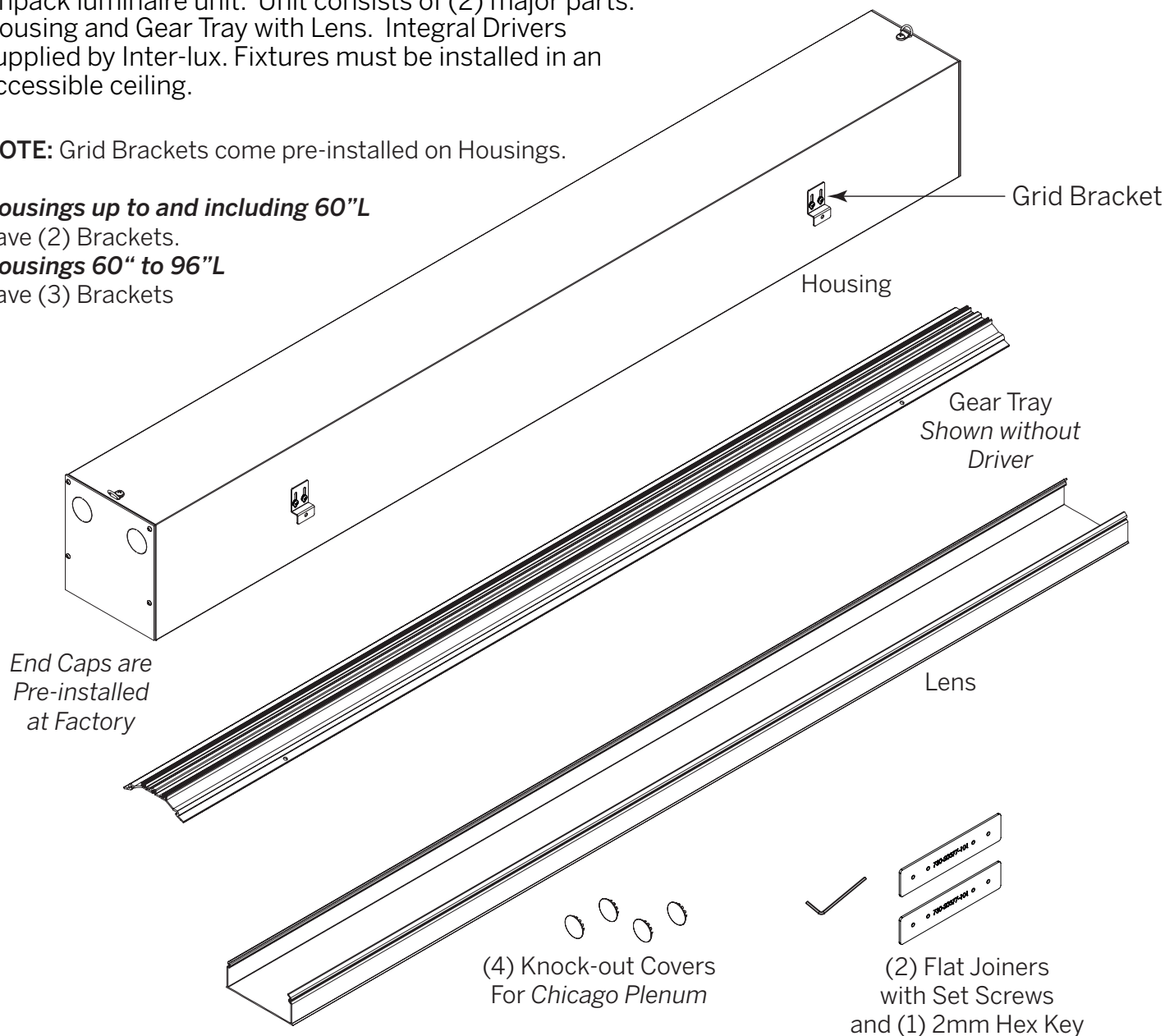
NOTE: Grid Brackets come pre-installed on Housings.

Housings up to and including 60"L

have (2) Brackets.

Housings 60" to 96"L

have (3) Brackets



Need
Help?

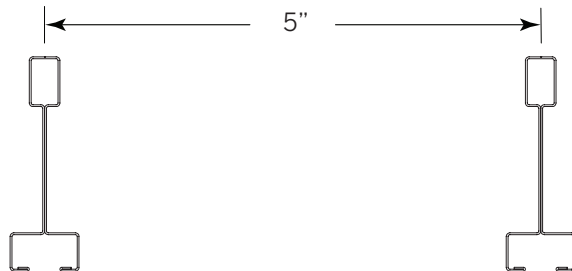
Step 1 - **Open the Box** (continued)

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 - **Confirm Grid Spacing**

When installing the Slot-Grid ceiling, ensure there is a 5" spacing between members for the light fixture housing to fit.

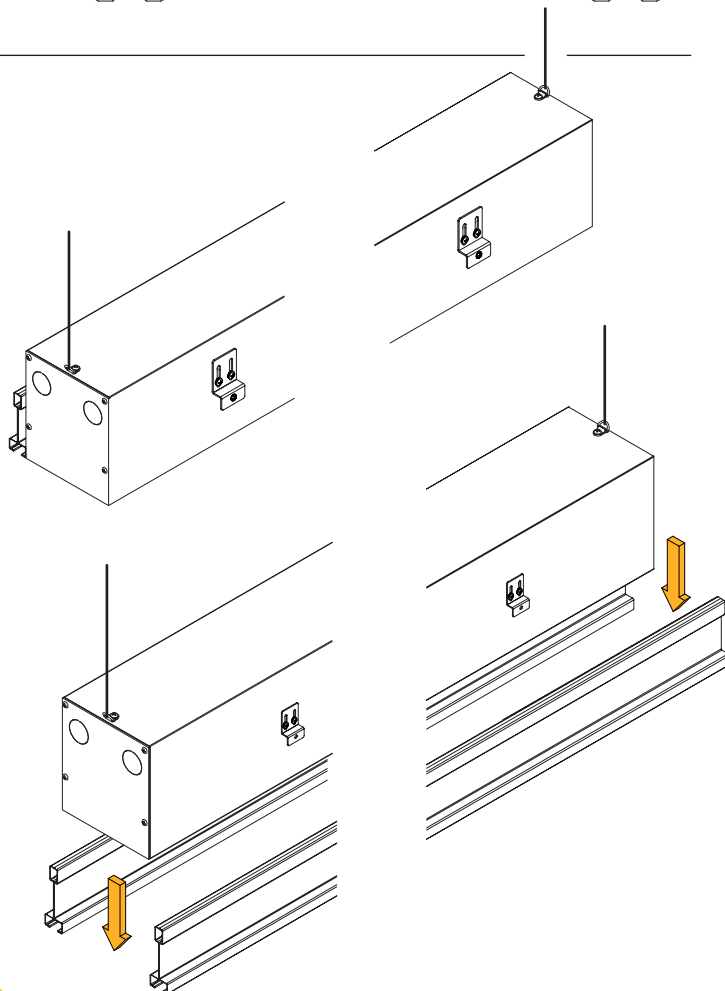


Step 3 - **Install Housing**

a All Units

Attach Hanging Wire (by others) to Lifting Eye at each end of Housing and mechanically fasten to structure. Add a bit of slack to wire length to allow units to be lowered into position. Be prepared to adjust Hanging Wire after Housing is mounted to grid members.

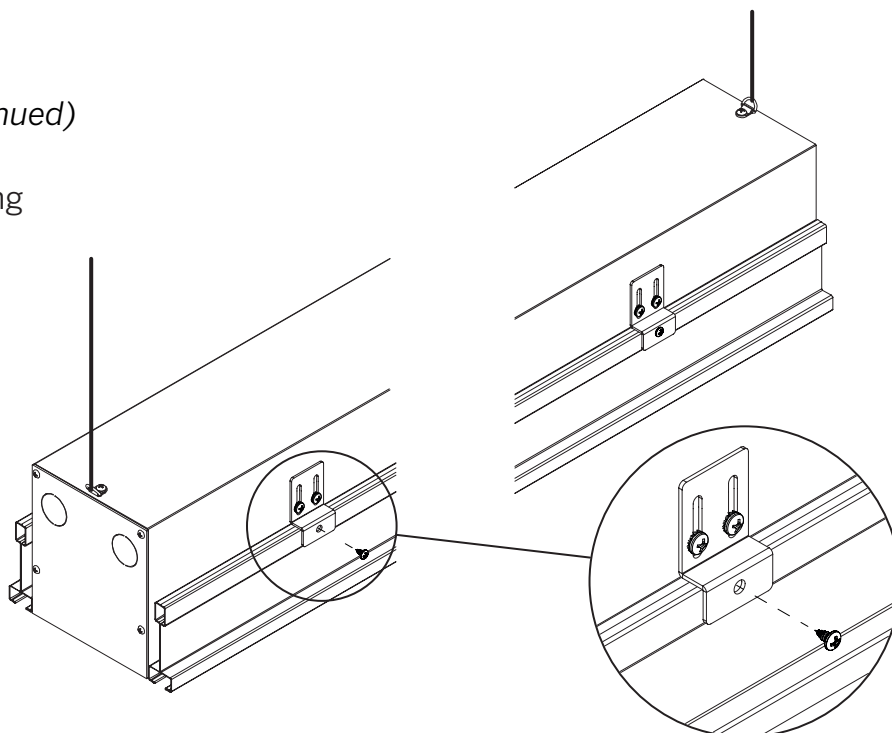
b Lower Housing onto Grid Members as shown. Adjust height of Brackets if necessary by loosening their fasteners.



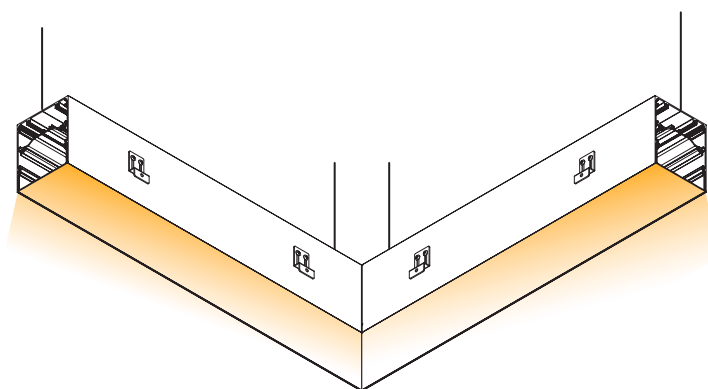
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Step 3 - **Install Housing** (continued)

- c** Fasten Grid Brackets to Grid using appropriate mounting screws (by others).



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



Pattern Corner (P)

Step 4 - **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.

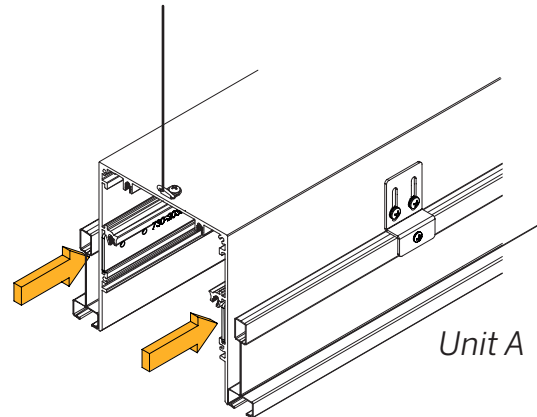
NOTE: For a Pattern - in which there are no End Caps - a 7/8" hole will be drilled in the top of one unit or more, if necessary.

**Need
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Step 5 - **Install Joiners** - Multi Unit Run only

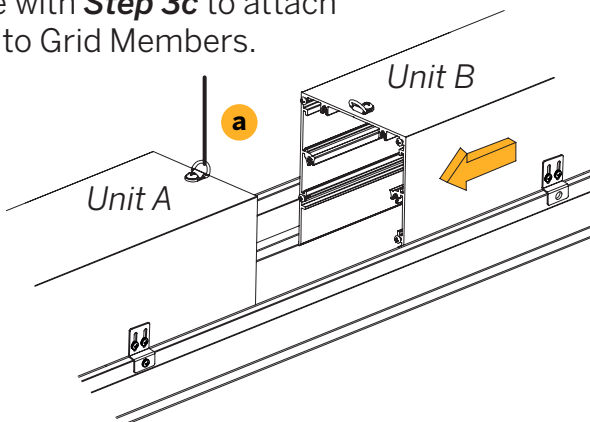
On *Starting Unit*, on end opposite End Cap, slide a Joiner *completely* into each interior channel on each side of Housing, as shown.

Do not fasten Joiners to Housing at this time.



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

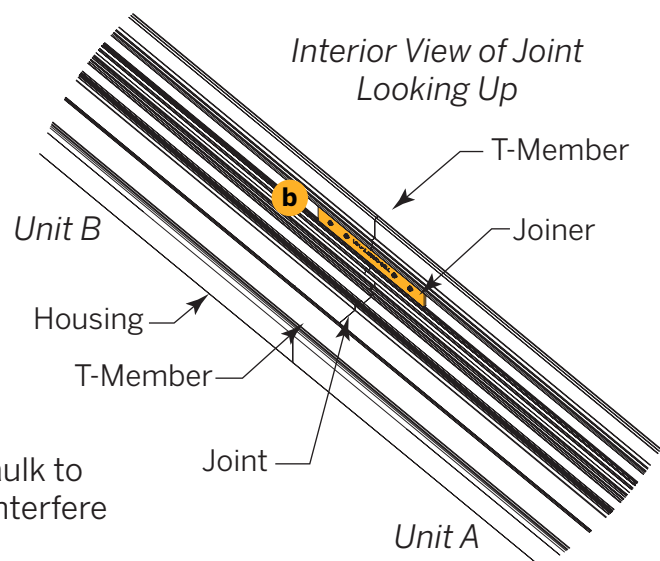
- a** Slide and butt up Unit B next to Unit A.
- b** Now slide both Joiners over such that they are situated equally across the Joint. Fasten Joiner with supplied Set Screws using supplied 2mm Hex Key. **Do not** overtighten as it risks deforming outer surface of Housing.
- c** Continue with **Step 3c** to attach Housing to Grid Members.



- d** Attach Hanging Wire to each unit per **Step 3a**.
- e** Repeat **Step 6** for the remainder of Run.

Chicago Plenum

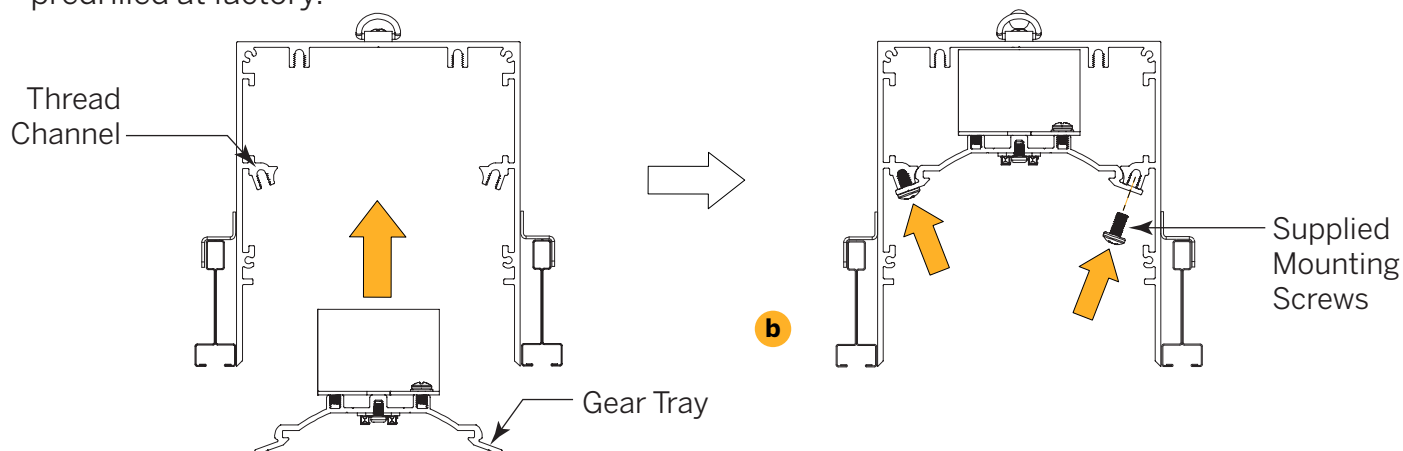
As Housings are drawn together apply silicone caulk to outside joint. Ensure that squeeze-out does not interfere with Joiners sliding into final position.



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Step 7 - *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.

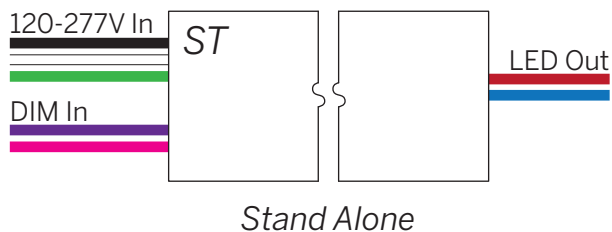


NOTE: The number of Drivers depends on length of Fixture and Power Levels specified. As such, there may be more than one Driver and Luminaire Power Feed. Similarly, controllers will add a second pair of feeds to each Driver.

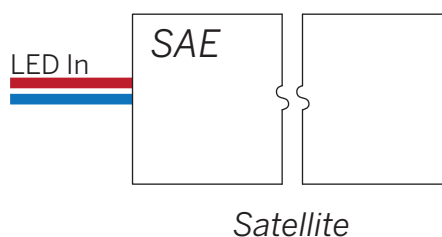
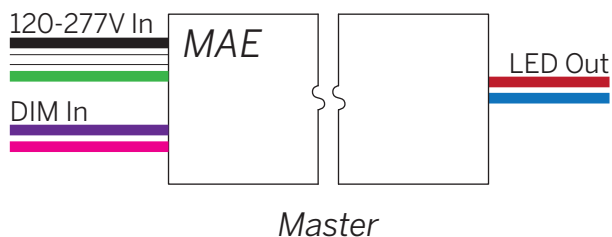
Step 8 - *Wiring*

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.



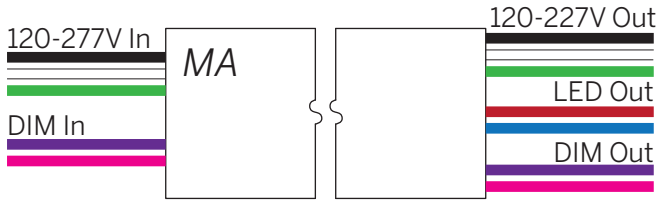
Conductor Color Legend			
Line (L)		Black	
Neutral (N)		White	
Ground (G)		Green	
DIM (+)		Purple	
DIM (-)		Pink	
DC (+)		Red	
DC (-)		Blue	



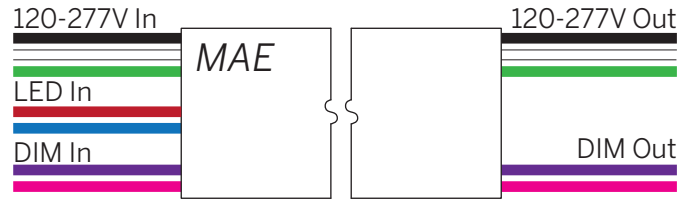
Need Help?

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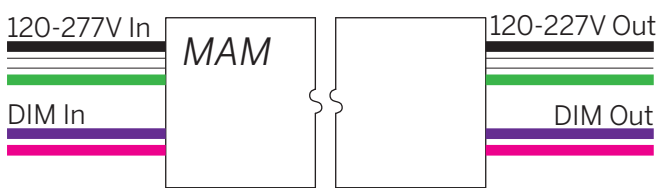
Step 8 - **Wiring** (continued)



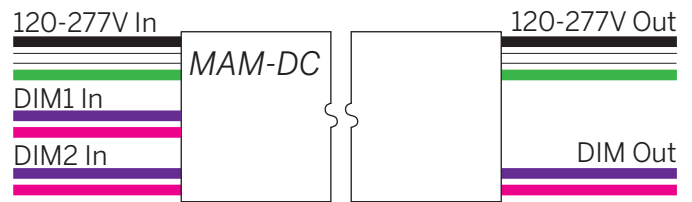
Master with Through Wiring



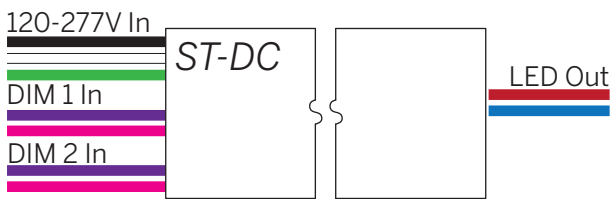
Satellite with Through Wiring



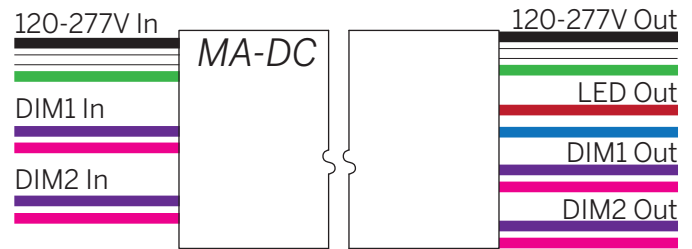
Master to Master



Master to Master-DC



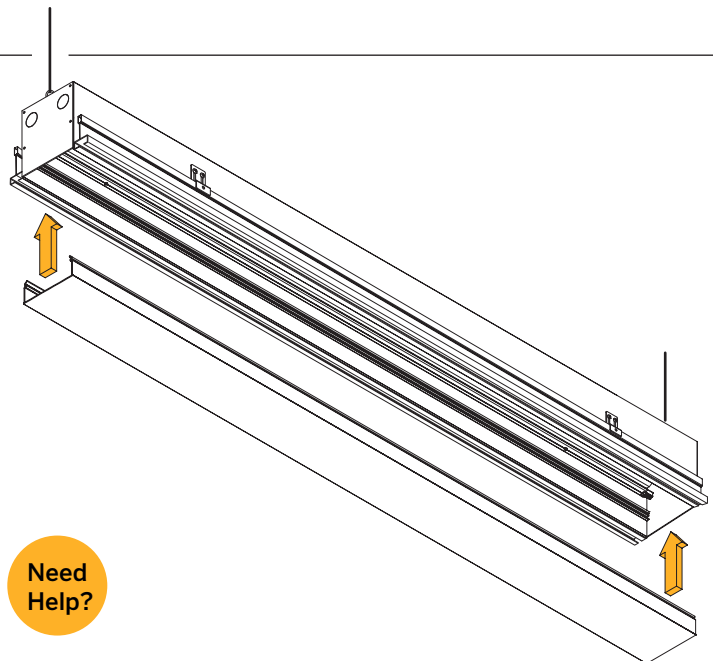
Stand Alone - DC



Master with Through Wiring - DC

Step 9 - **Install Lens**

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



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