

## Installation Instructions

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



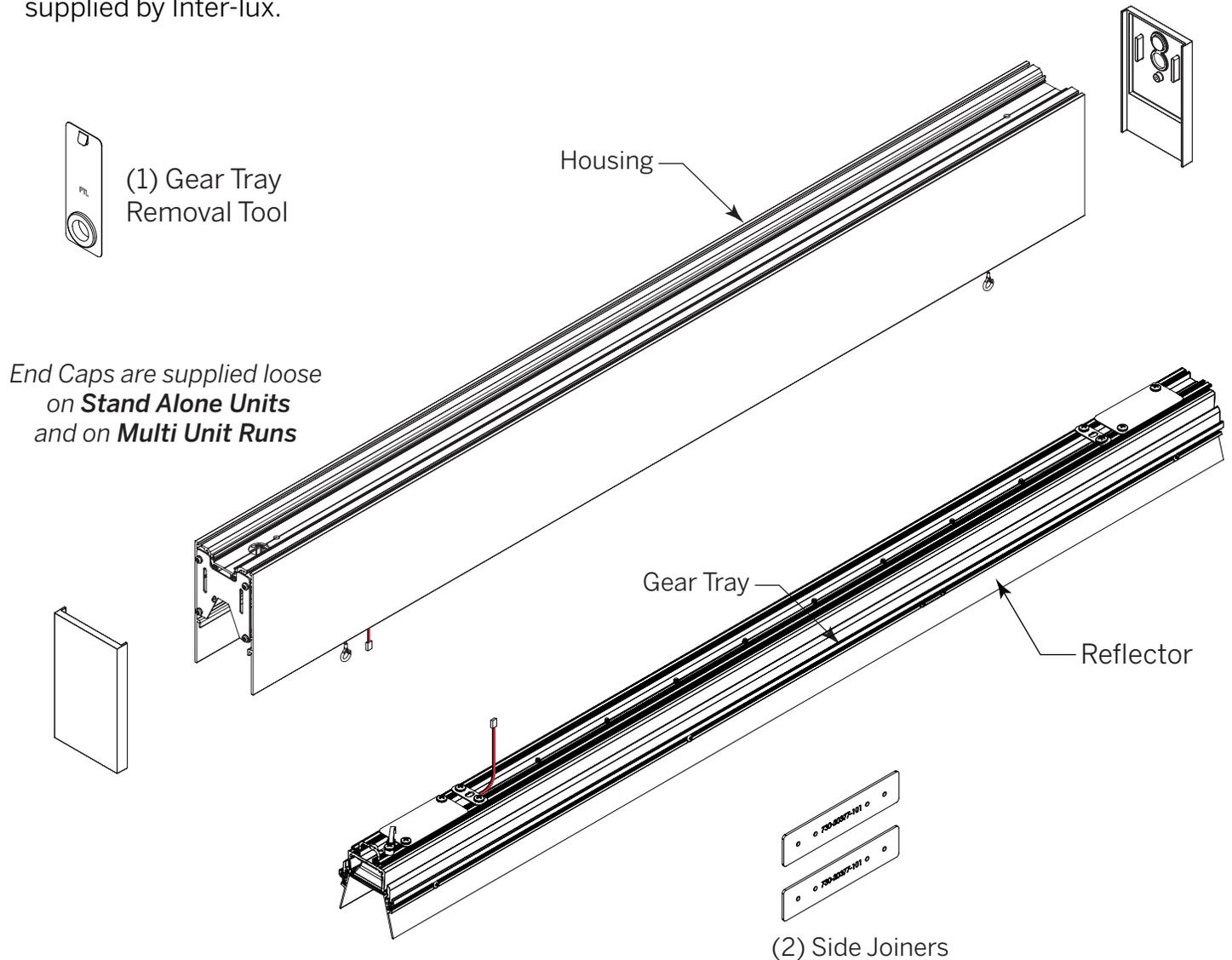
To prevent electrical shock disconnect electrical supply before installation or servicing.

**Never connect a live fixture!!!**

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

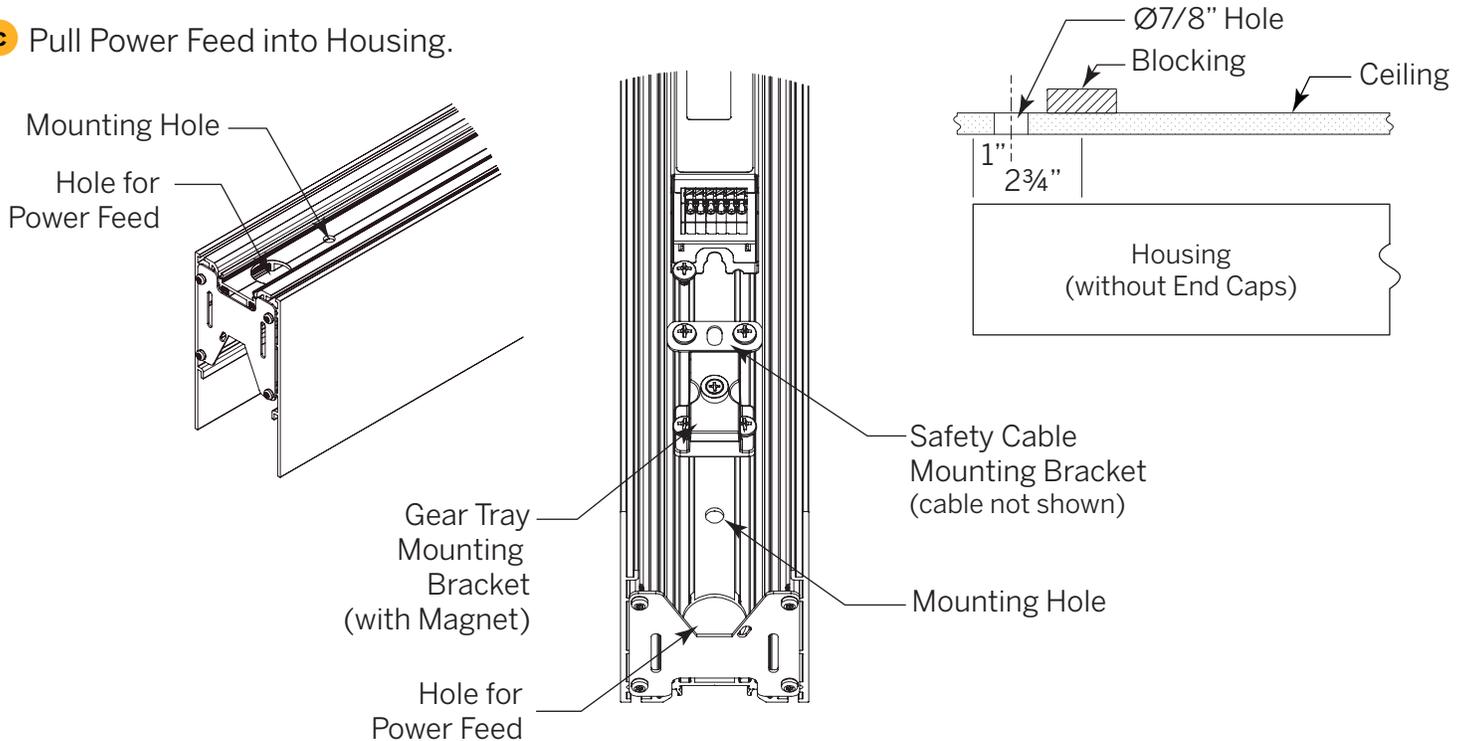
### Step 1 - **Open the Box**

Unpack luminaire unit. Unit consists of (2) major parts: Housing and Gear Tray. Integral Drivers supplied by Inter-lux.



## Step 2 - *Install Housing*

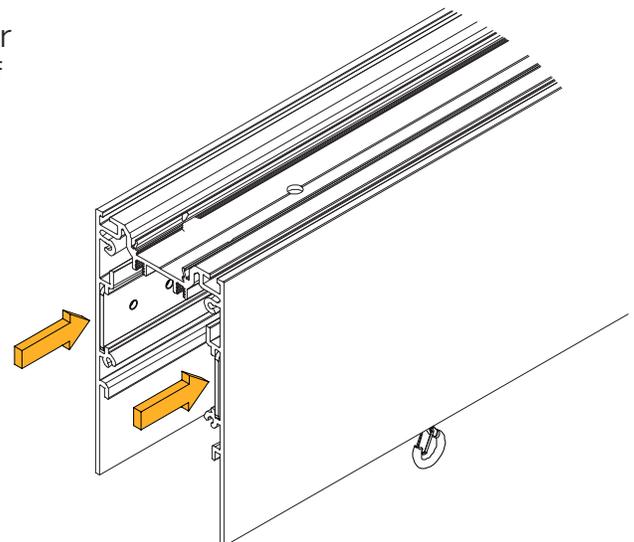
- a** Mark location of end of Housing on ceiling. 1" from that mark, drill  $\frac{7}{8}$ " diameter hole for the incoming Power Feed.
- b** Mark location of Mounting Hole -  $2\frac{3}{4}$ " from end of Housing. Ensure proper Blocking inside ceiling. Fasten with screws and anchors (supplied by others).
- c** Pull Power Feed into Housing.



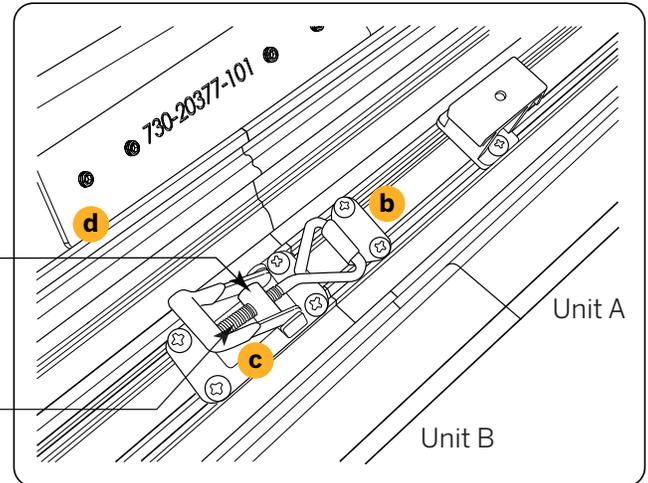
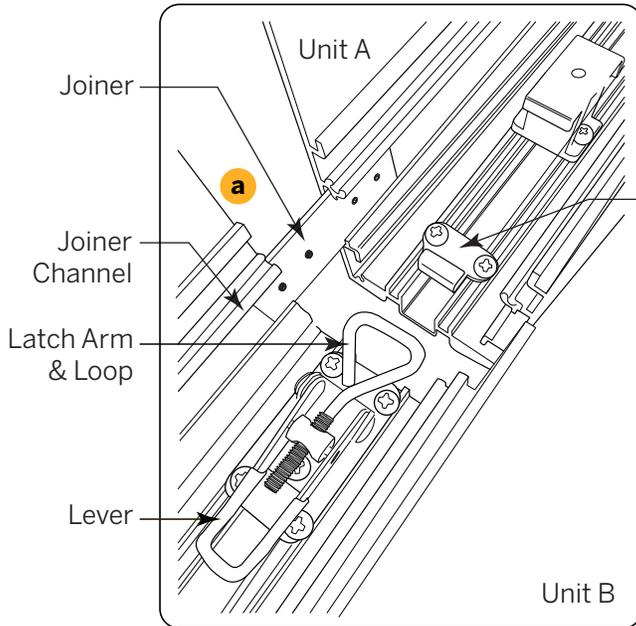
## Step 3 - *Install Joiners - Multi Unit Run only*

On *Start 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 4 - **Joining Units** - Multi Unit Run only



**a** Insert Joiners of Unit A into Joiner Channels of Unit B.

**b** Draw units completely together. Hook Latch Arm & Loop over Catch Plate. Adjust length of Latch Arm by rotating Latch Arm Screw through Barrel.

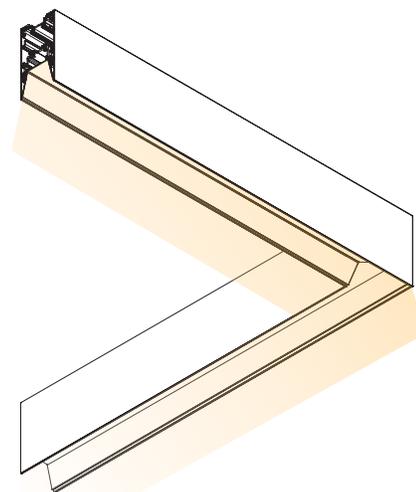
**c** Press Lever fully down to lock.

**d** Center each Joiner on Housing Joint.

**e** Tighten all Set Screws on both Joiners. **Do not** overtighten. Overtightening risks deforming Housing surface.

## Step 5 - **Install Corners** - Multi Unit Run only

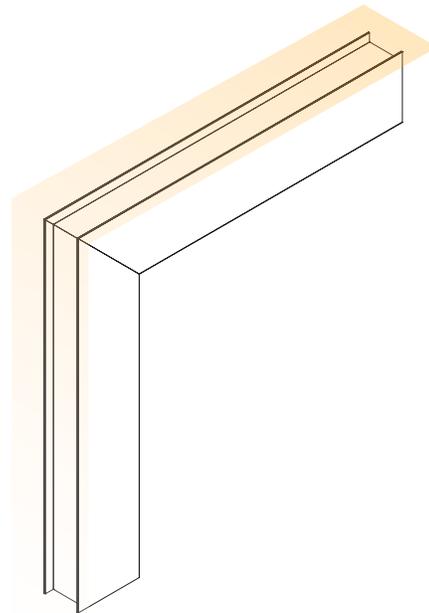
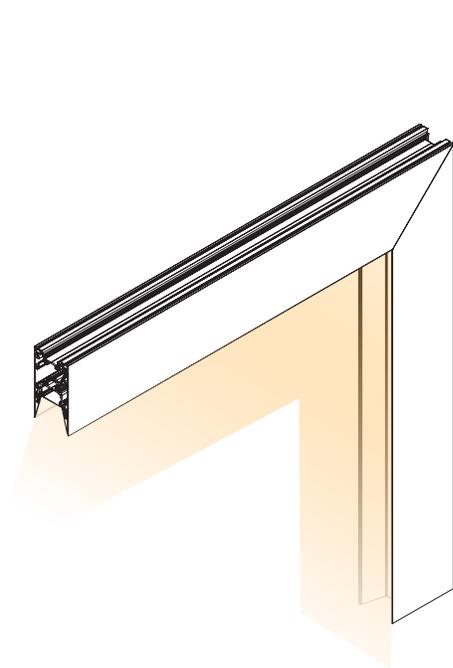
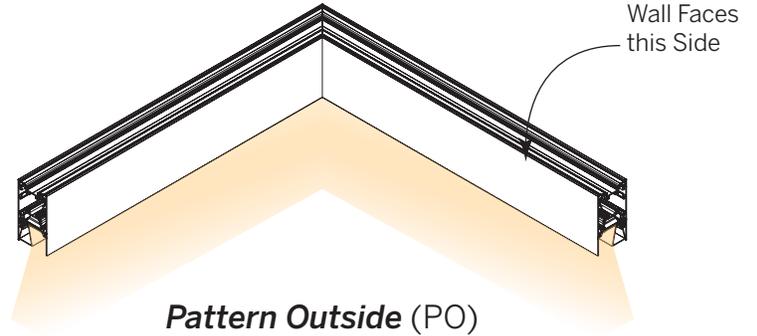
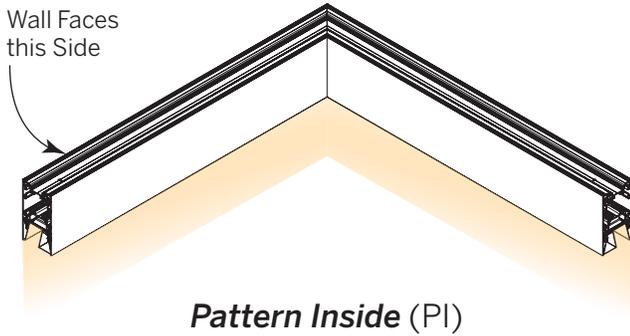
The Pattern Corner (P); Same Plane Pattern Inside (PI) and Pattern Outside (PO) Corners; and the Plane-to-Plane Pattern Inside (PPI) and Pattern Outside (PPO) Corners are welded at the factory. Follow **Steps 3 & 4** to mount to existing Run. Illustration of light output shows direction only, and is not indicative of actual color, intensity, or spread.



**Pattern Corner (P)**

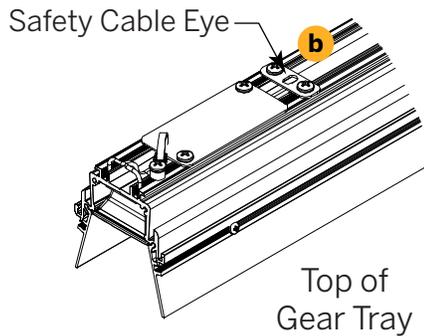
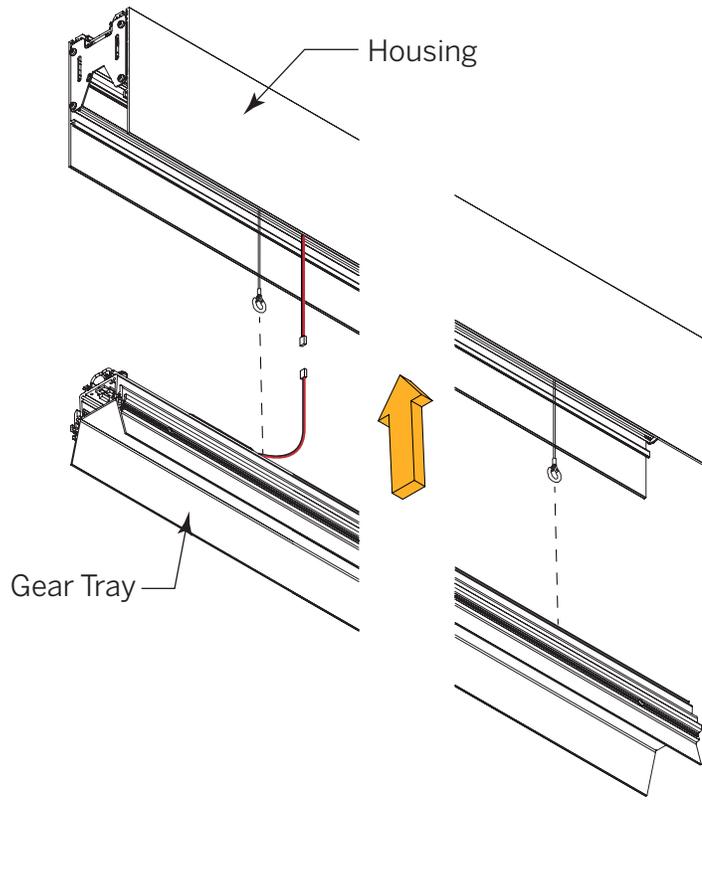


## Step 5 - *Install Corners* (continued)



## Step 6 - Hang Gear Tray

- a** Locate Safety Cables and Power Cables from Drivers inside Housing.
- b** Clip each Safety Cable to respective Safety Cable Eye on each end of Gear Tray.
- c** Join Power Cable from Remote Driver to Low Voltage Power Cable from Gear Tray.

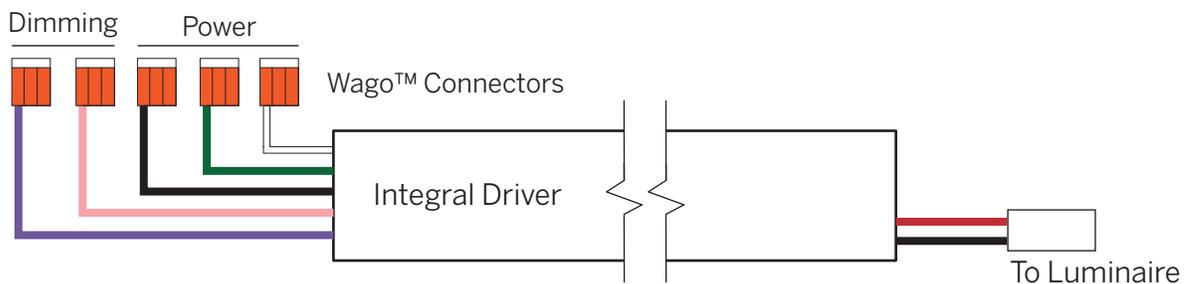


**NOTE:** The number of Drivers depends on length of Fixture and Power Levels specified. As such, there may be more than one Driver and Luminaire Power Feed. Similarly, controllers will add a second pair of feeds to each Driver.

## Step 7 - Wiring

### Stand Alone Unit

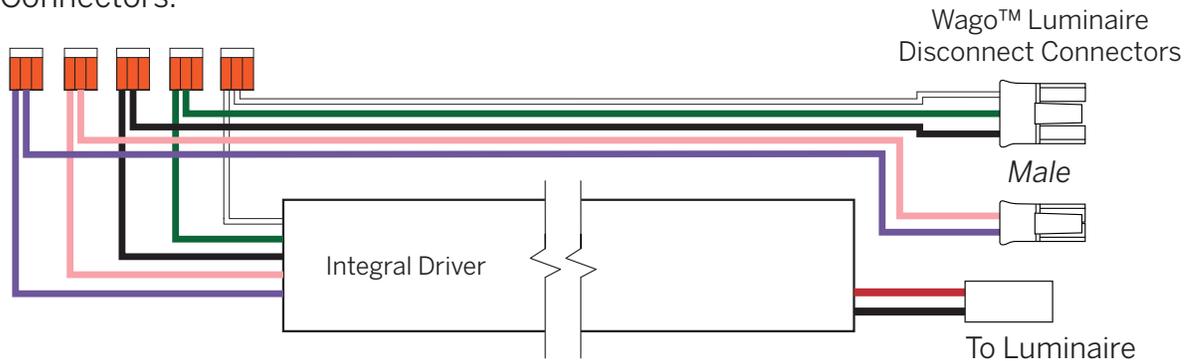
Five wires extend from Gear Tray and terminate with Wago™ Connectors. Connect these wires to incoming Power Feed.



## Step 7 - **Wiring** (continued)

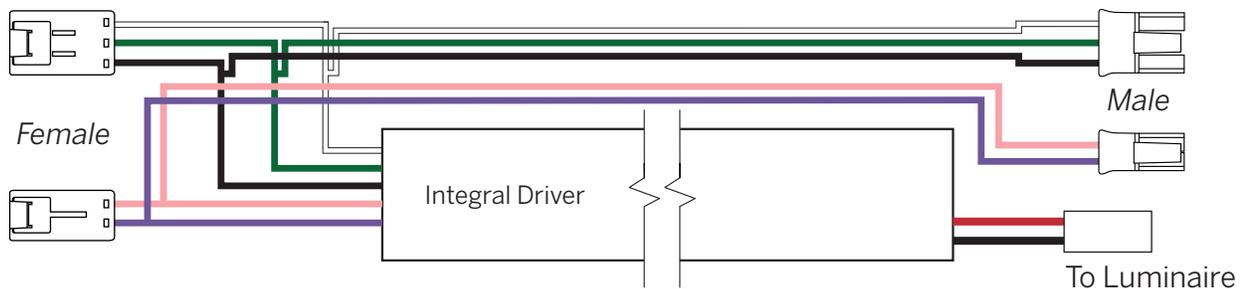
### **Multi Unit Run - Start Unit**

Five wires extend from Gear Tray and terminate with Wago™ Connectors. Connect these wires to the Power Feed. To connect to the next unit in Run, use the Male pair of Wago™ Luminaire Disconnect Connectors.



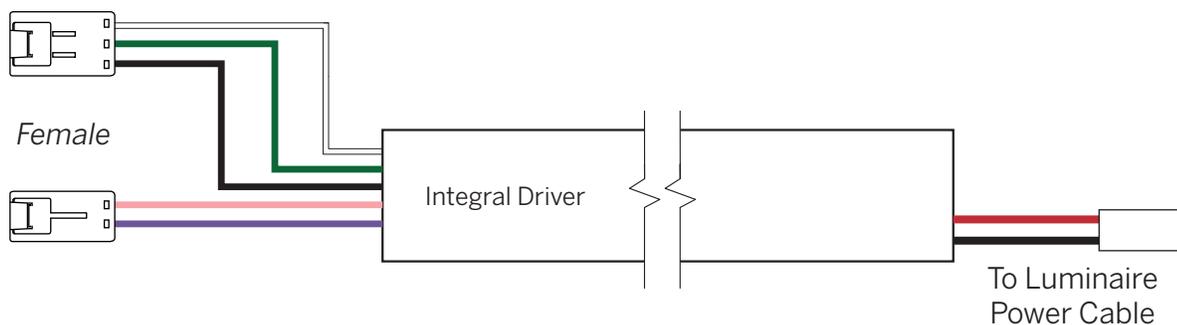
### **Multi Unit Run - Middle Unit**

There are no wires that connect to the Power Feed (except if Middle Unit contains two Drivers). To connect to the previous and the next units in Run, use the Female and Male pairs of Wago™ Luminaire Disconnect Connectors on each side of the unit.



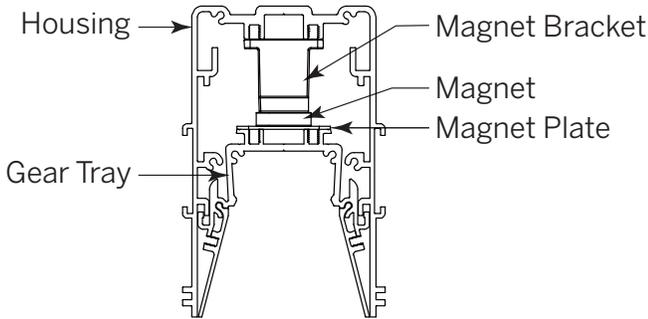
### **Multi Unit Run - End Unit**

The Integral Driver on the Gear Tray of the End Unit terminates with one pair of Female Wago™ Luminaire Disconnect Connectors.

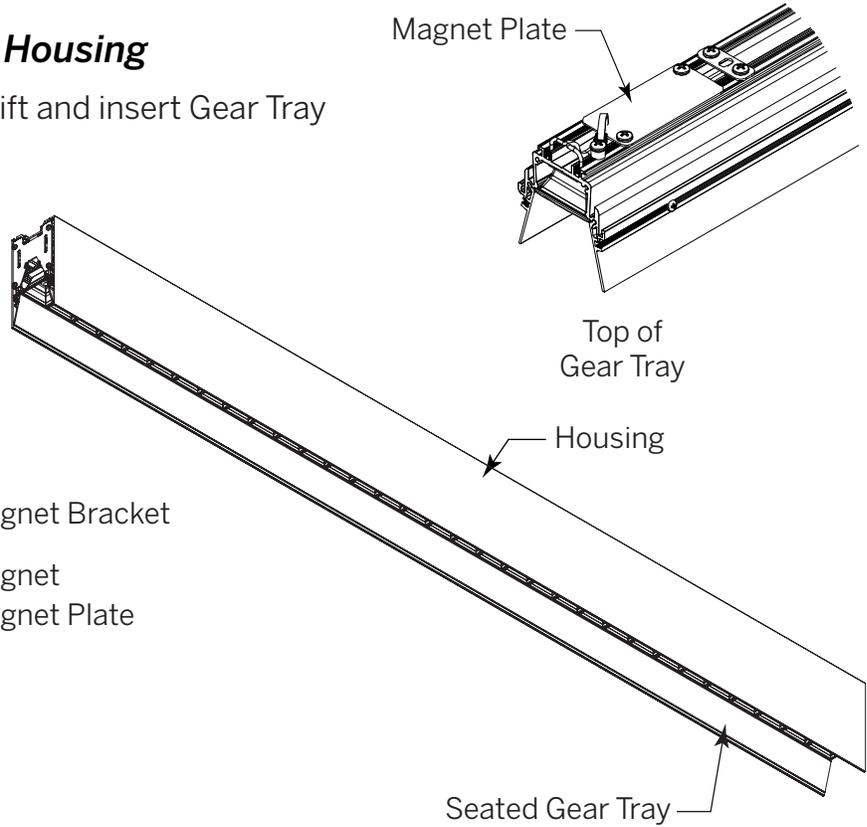


## Step 8 - *Install Gear Tray into Housing*

- a** While attached to Safety Cables, lift and insert Gear Tray into Housing.
- b** Magnet Plates on top of Gear Tray will engage Magnets on Brackets inside of Housing.
- c** Energize!

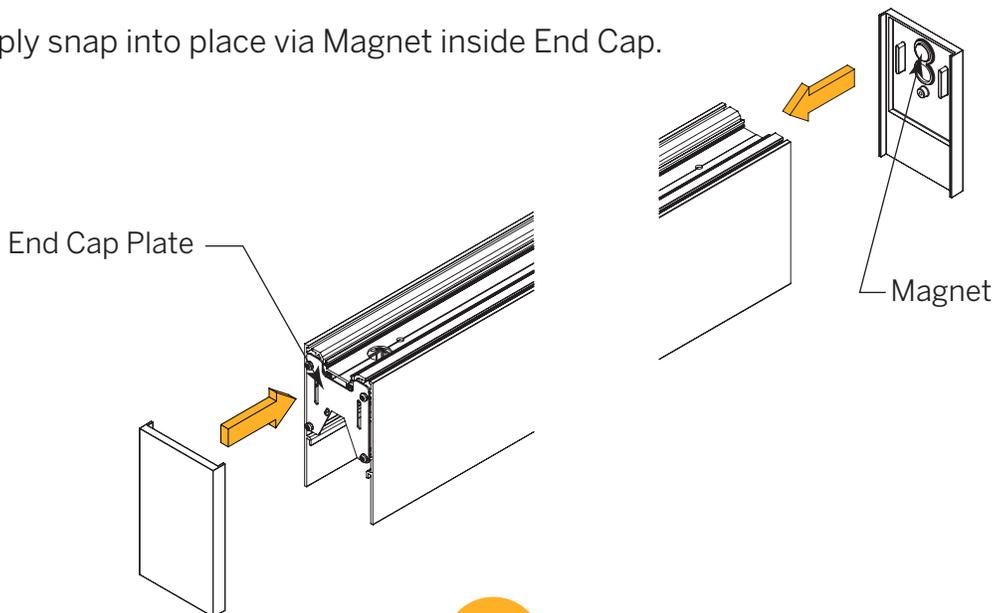


Cross Section of Gear Tray Seated in Housing



## Step 9 - *Install End Caps*

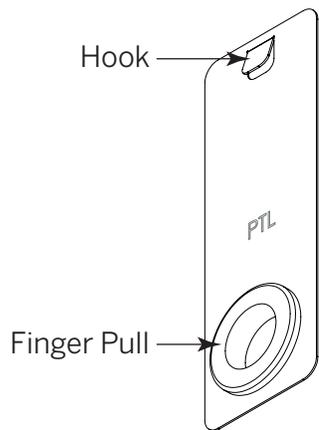
End Caps simply snap into place via Magnet inside End Cap.



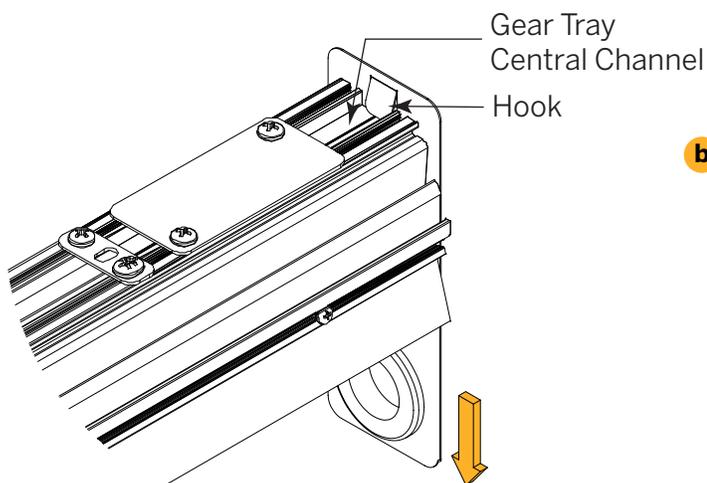
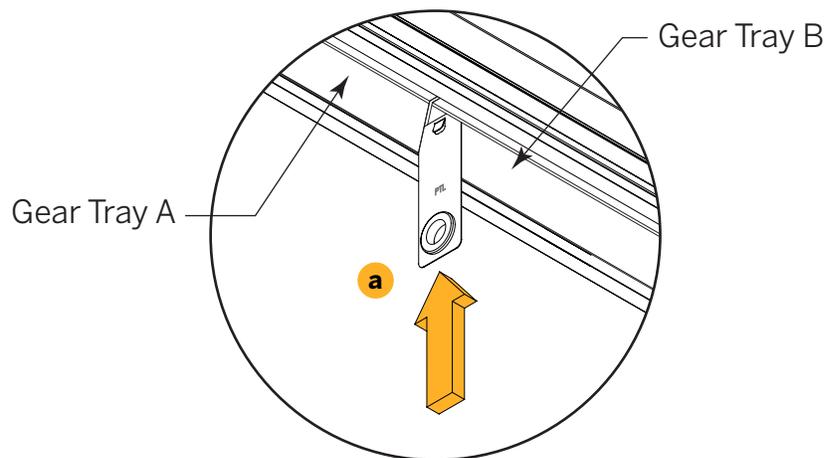
## Step 10 - **Removing Gear Tray**

Should there be a need to remove the Gear Tray, a Gear Tray Removal Tool is provided with every order. The following applies to multiple Gear Trays in a single housing and to a series of Gear Trays in a Multi Unit Run. To use:

- a** Carefully insert Removal Tool in between adjacent Gear Trays. Take care not to scratch nearby surfaces.



Gear Removal Tool



- b** Push Tool up into Housing Cavity. The Hook will catch the top Central Channel of the Gear Tray. Pull downward while holding other hand beneath. This will dislodge Gear Tray from Magnet.

