

60 ProTools Linear

WG-60PTLWW-RGTS

Wall Wash

Recessed Grid Trim Slot

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.

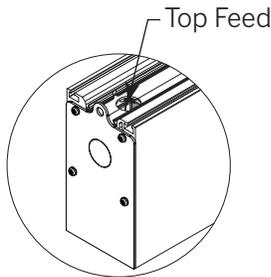
Never connect a live fixture!!!

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.

A *Top Feed* option is available, where a hole is drilled into profile. Conduit and Clamp supplied by others.



(2) Knock-out Covers For Chicago Plenum

Grid Mounting Clips (pre-installed at factory)

Housing

(2) Safety Cables

End Caps come pre-installed on **Stand Alone Units** and on **Start & End Units of a Multi Unit Run**

(1) Gear Tray Removal Tool

(2) Side Joiners

Need Help?

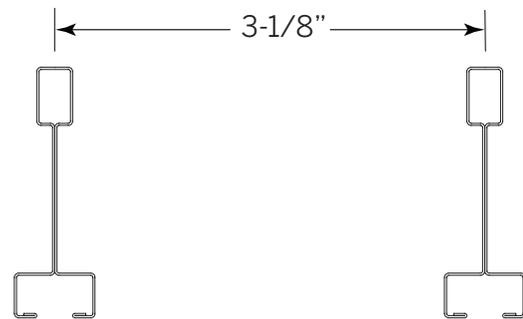
Step 1 - **Open the Box** (continued)

Installation for Chicago Plenum

To install this fixture consistent with Chicago Plenum requirements, Chicago Plenum-rated conduit, junction box(es) and gasket(s) are supplied by others. In addition, fixtures must be installed in an accessible ceiling, particularly Multi Unit Runs (See **Step 5c**).

Step 2 - **Confirm Grid Spacing**

When installing the Slot-Grid ceiling, ensure there is a 3-1/8" spacing between members for the light fixture housing to fit.



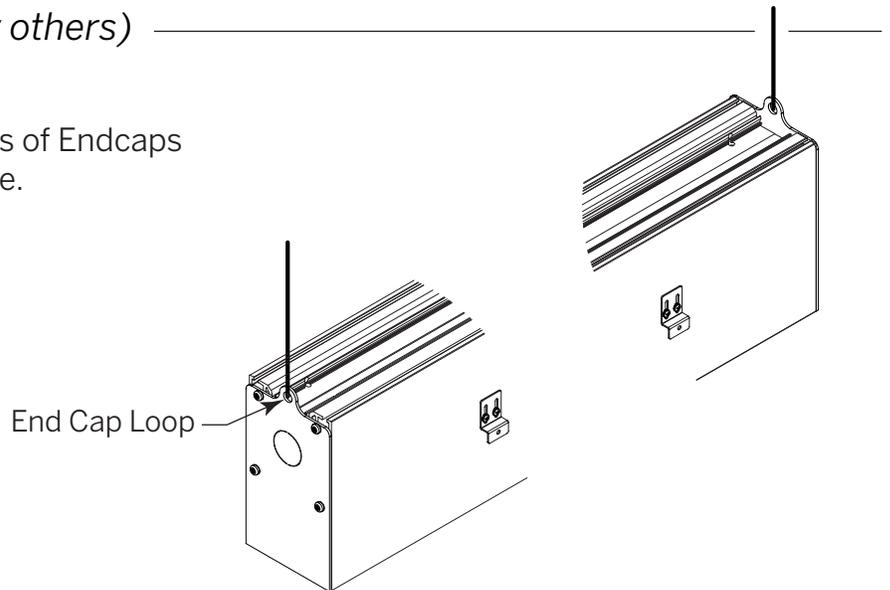
Step 3 - **Install Hanging Wire** (by others)

Stand Alone Unit:

Attach Hanging Wire to loops at tops of Endcaps and mechanically fasten to structure.

Chicago Plenum

Snap in Hole Covers are provided to cover electrical knock-outs not utilized for end-feed connections.



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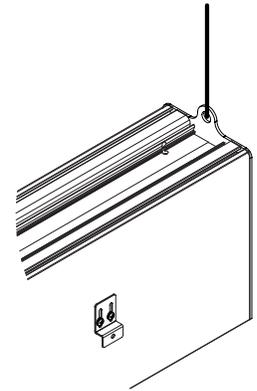
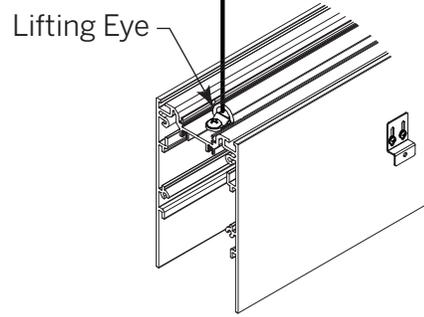
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Step 3 - **Install Hanging Wire** (continued)

Multi Unit Run, Start or End Unit:

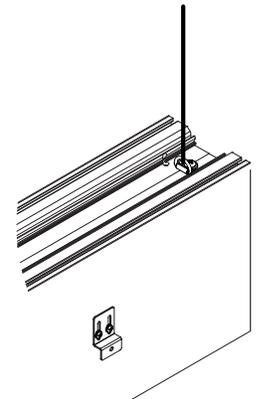
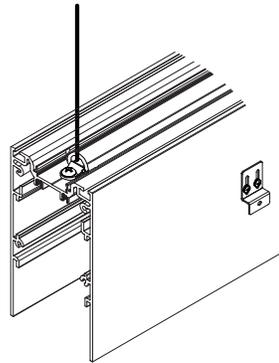
Attach Hanging Wire to Lifting Eye on one end, and Endcap Loop on the other.

Lifting Eye



Multi Unit Run, Middle Unit:

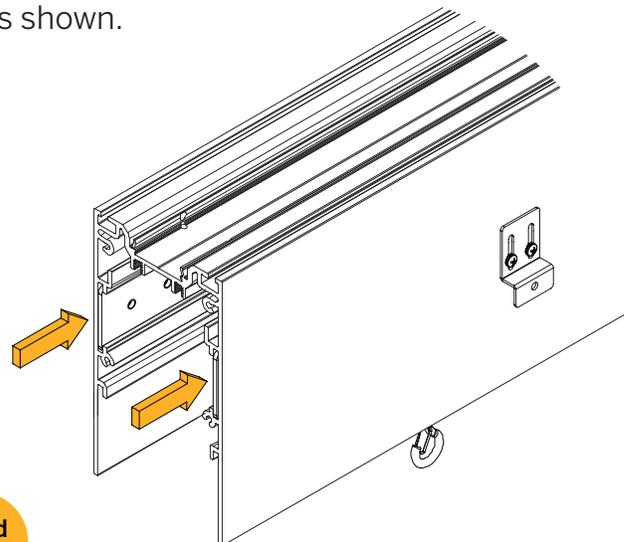
Attach Hanging Wire to Lifting Eye on each end.



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

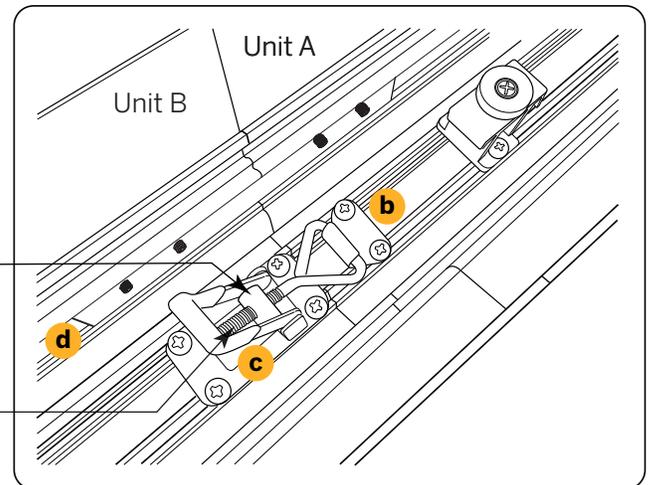
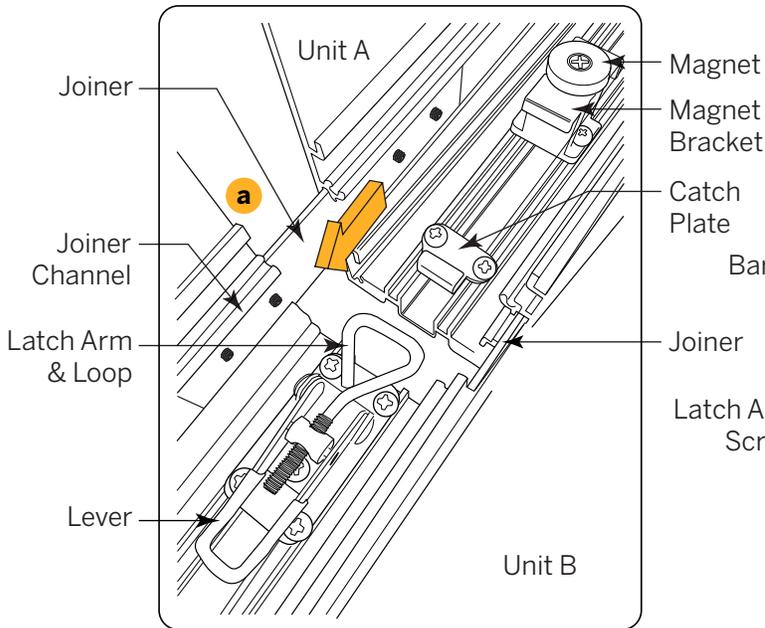
On *Starting Unit*, on end opposite End Cap, slide a Joiner *completely* into each interior channel on each side of Housing, as shown.

Do not fasten Joiners to Housing at this time.



Need Help?

Step 5 - *Joining Units* - Multi Unit Run only

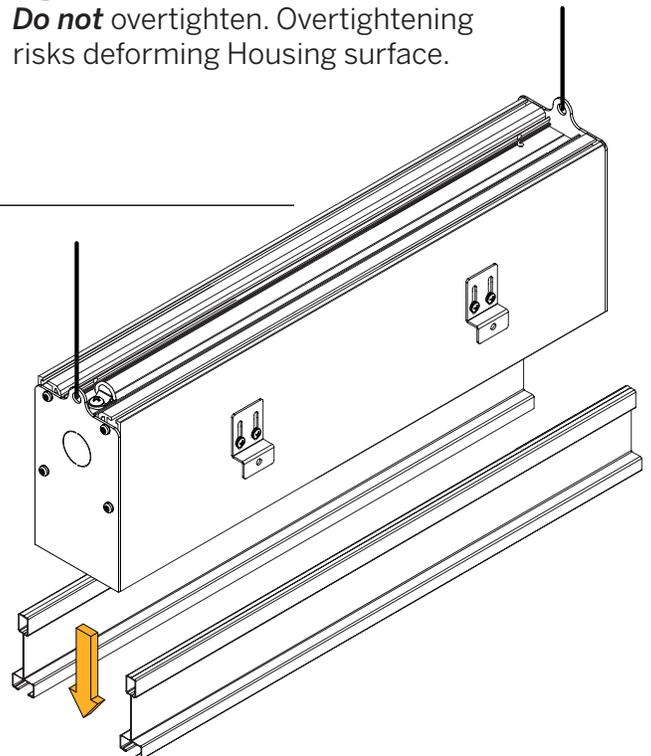


- a** Slide Joiners of Starting Unit (Unit A) into matching Channels of adjacent unit (Unit B).
- b** Draw units completely together. Hook Latch Arm & Loop over Catch Plate. Adjust length of Latch Arm by rotating Latch Arm Screw through Barrel.

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

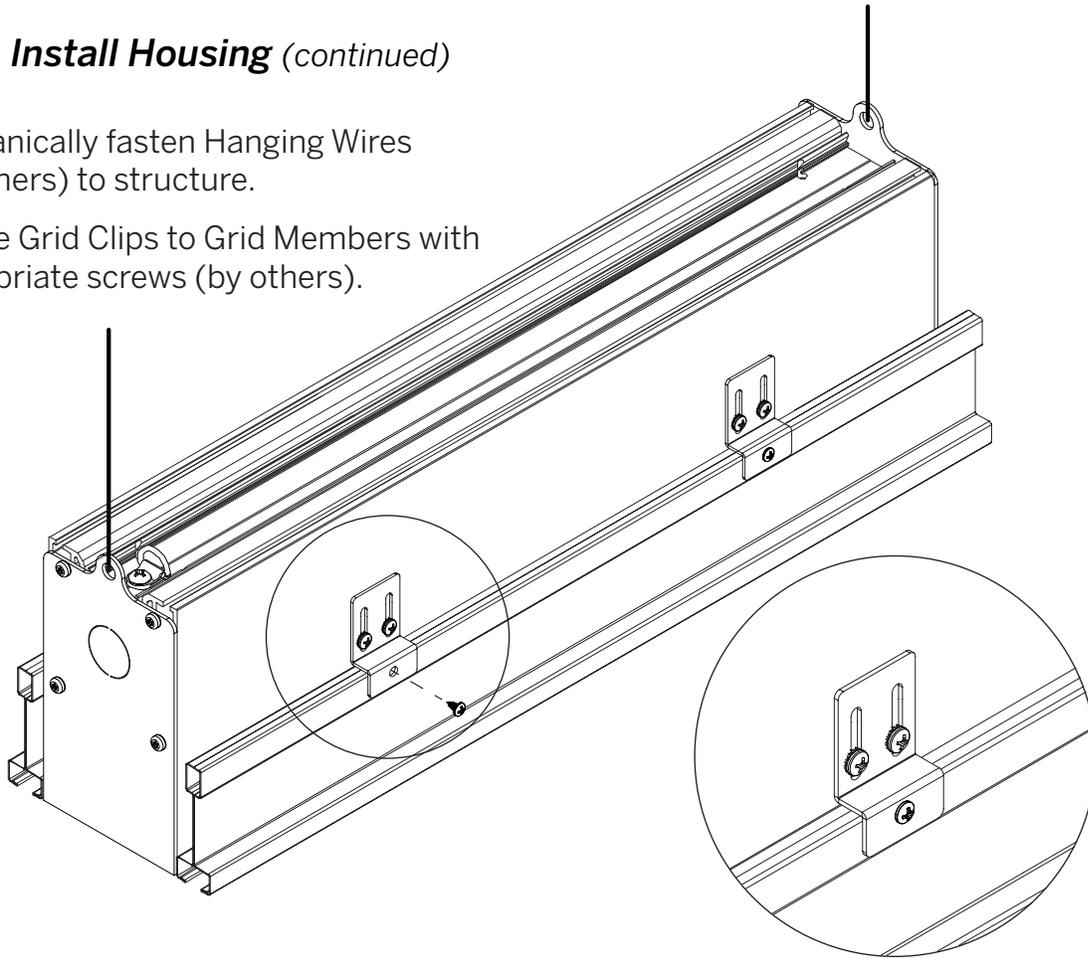
Step 6 - *Install Housing*

- a** Clear away all insulation from at least 3" around Fixture.
- b** Lower Housing onto Grid Members such that Grid Clip arms rest on top edges of Members.



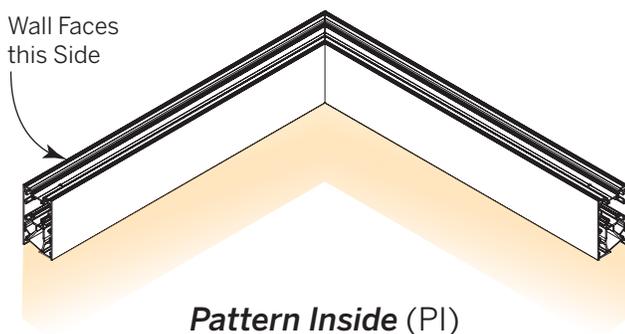
Step 7 - **Install Housing** (continued)

- c** Mechanically fasten Hanging Wires (by others) to structure.
- d** Secure Grid Clips to Grid Members with appropriate screws (by others).

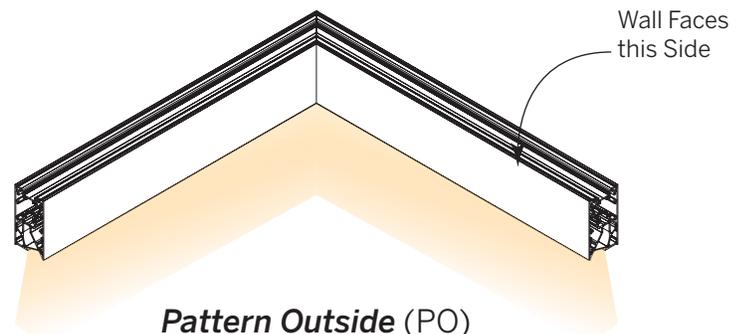


Step 8 - **Install Corners** - Multi Unit Run only

The Pattern Corner and the Plane-to-Plane Pattern Inside (PI) and Pattern Outside (PO) Corners are welded at the factory. Corners use same Latch Arm and Catch Plate joining system as on straight Units. Follow **Steps 4 & 5** to mount to existing Run. Illustration of light output shows direction only, and is not indicative of actual color, intensity, or spread.



Pattern Inside (PI)



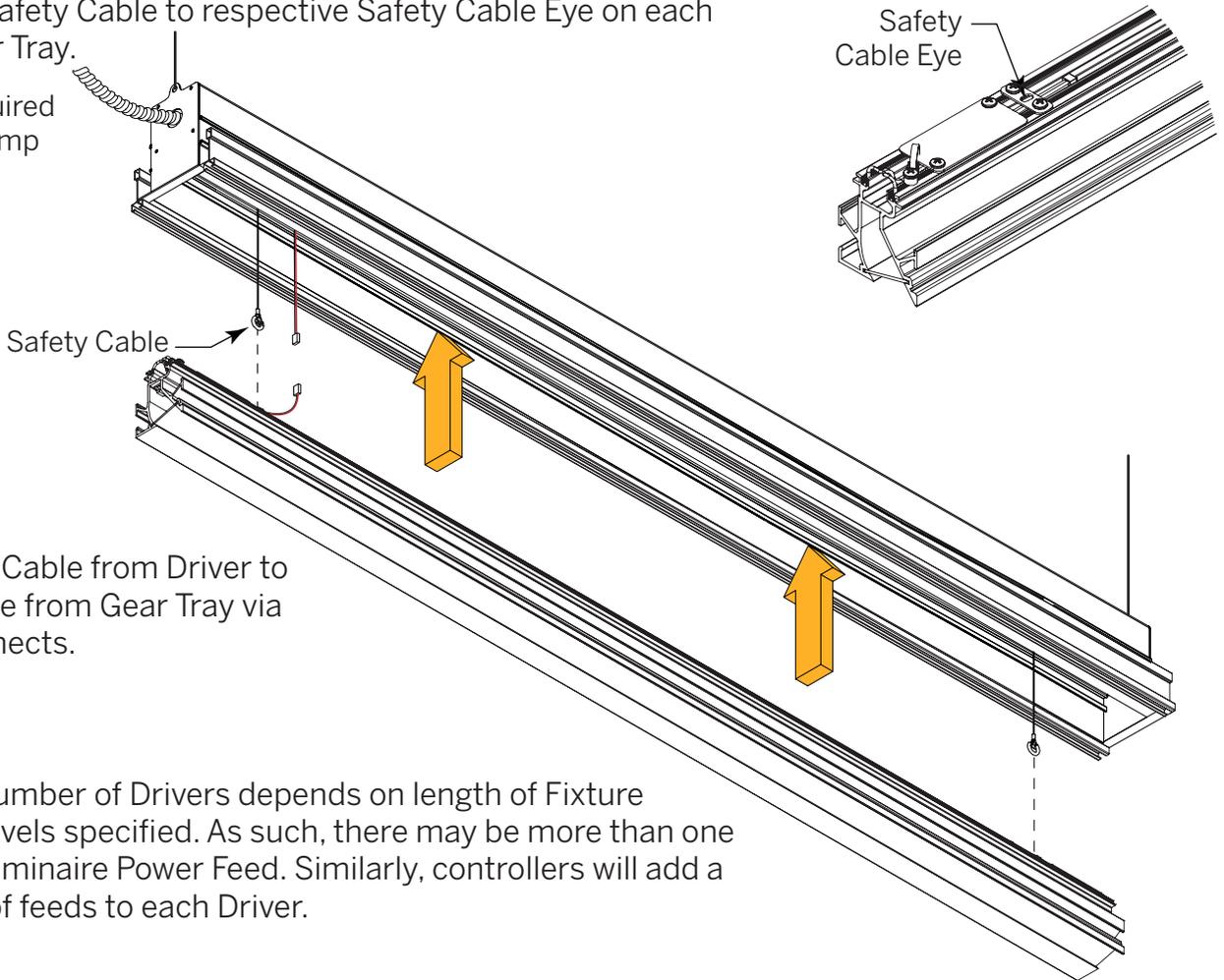
Pattern Outside (PO)



Step 9 - 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.

NOTE: Required Conduit Clamp (by others) not shown.



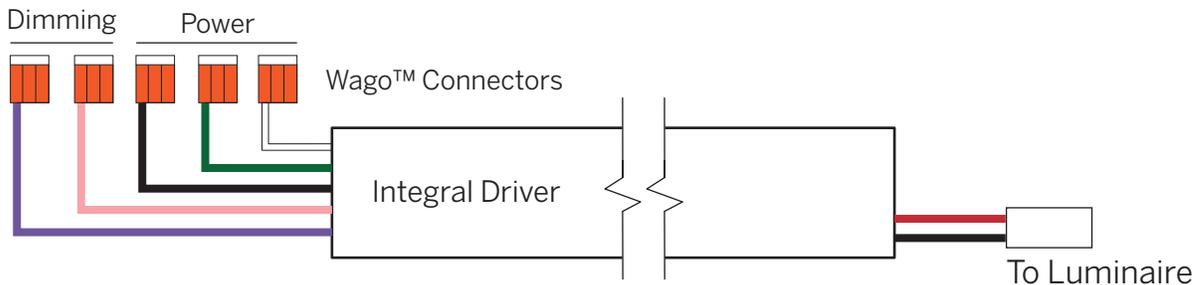
- c** Join Power Cable from Driver to Power Cable from Gear Tray via Quick-Connects.

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 10 - Wiring

Stand Alone Unit

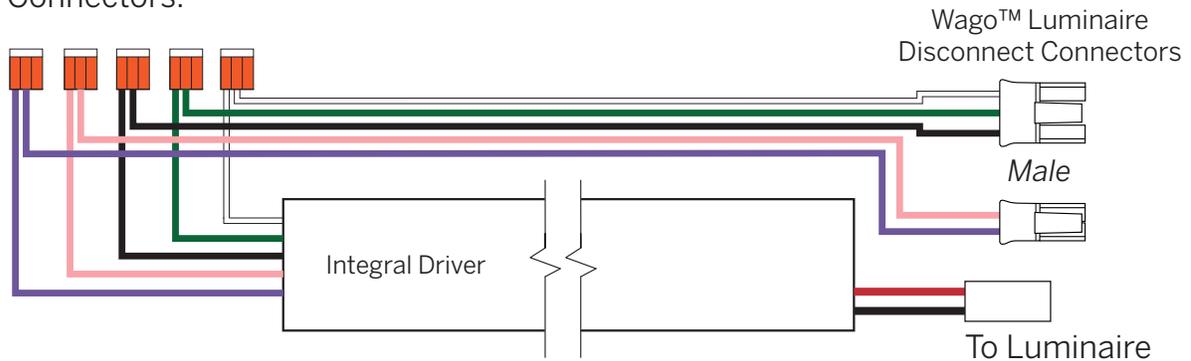
Five wires extend from Gear Tray and terminate with Wago™ Connectors. Connect these wires to incoming Power Feed.



Step 10 - **Wiring** (continued)

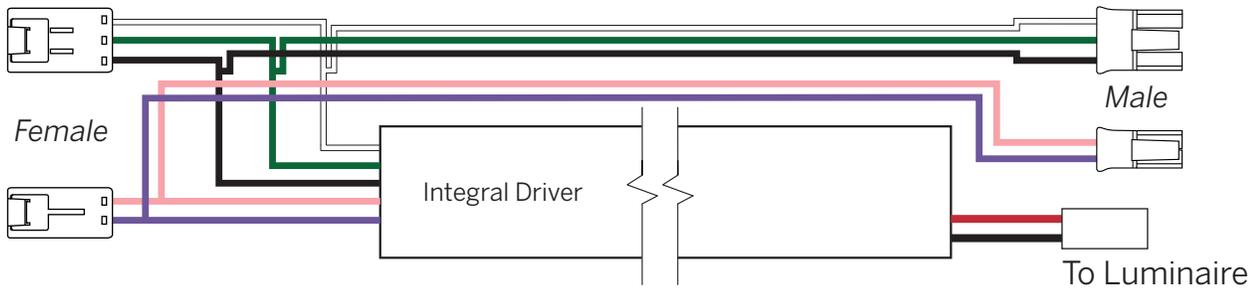
Multi Unit Run - Start Unit

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.



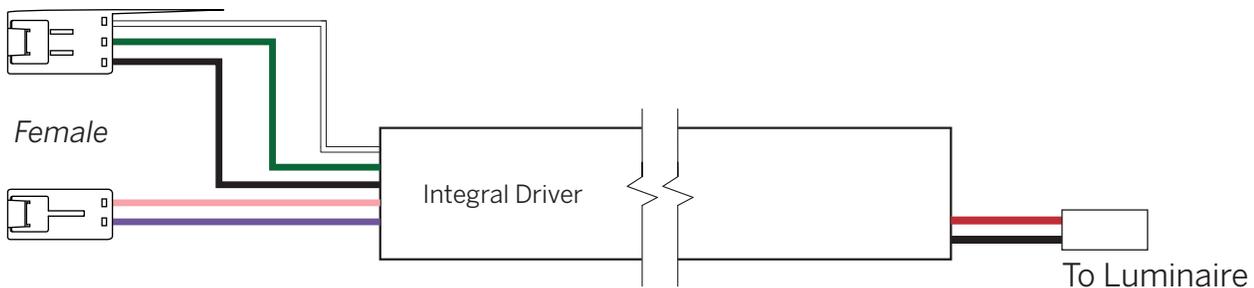
Multi Unit Run - Middle Unit

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 pair of Wago™ Luminaire Disconnect Connectors on each side of the unit.



Multi Unit Run - End Unit

The End Unit terminates with one Female pair of Wago™ Luminaire Disconnect Connectors.



Step 11 - *Placing Gear Tray in Housing*

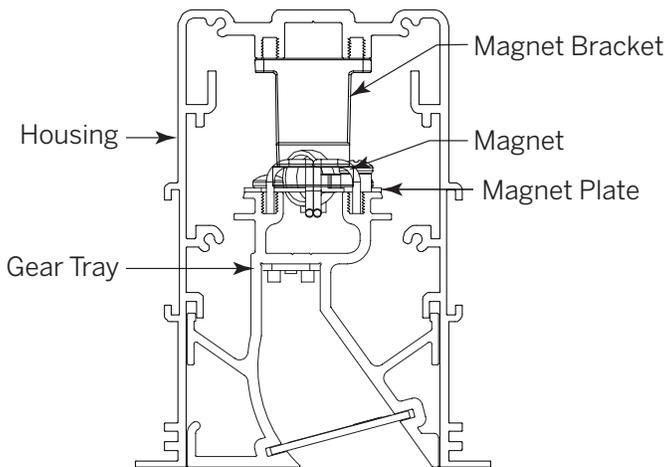
- a** While attached to Safety Cables, lift and insert Gear Tray into Housing.

NOTE: Required Conduit Clamp (by others) not shown.

Magnet Plate

- 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

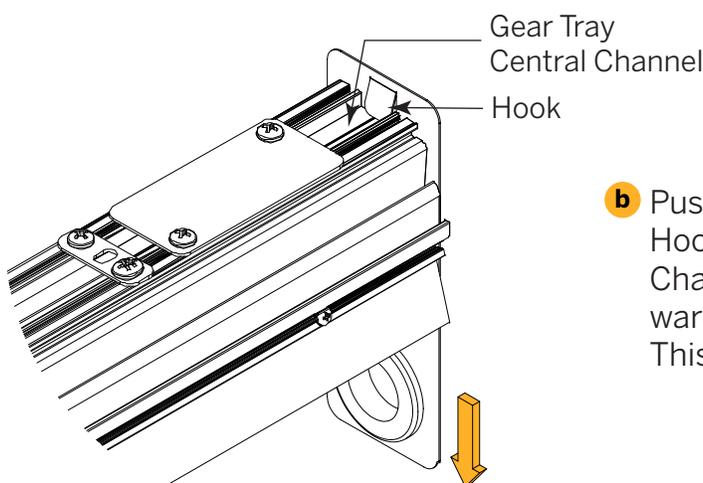
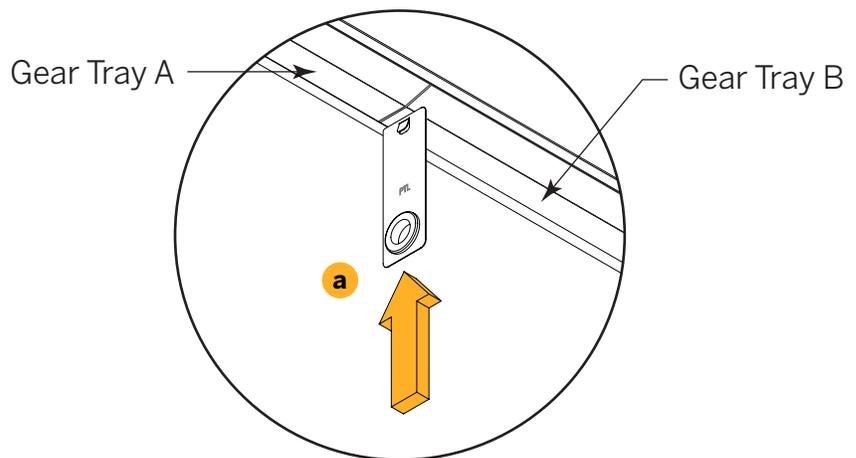
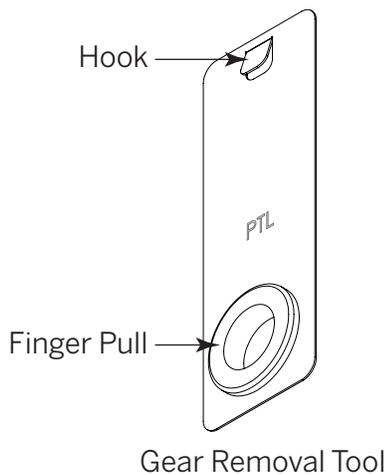
Seated Gear Tray

Need Help?

Step 12 - **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.



- 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.

