

60 ProTools Linear

WG-60PTLDI-SW
WG-60PTLDI-SWM

Direct-Indirect

Surface Wall Mount
Surface Mullion Mount

Installation Instructions

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

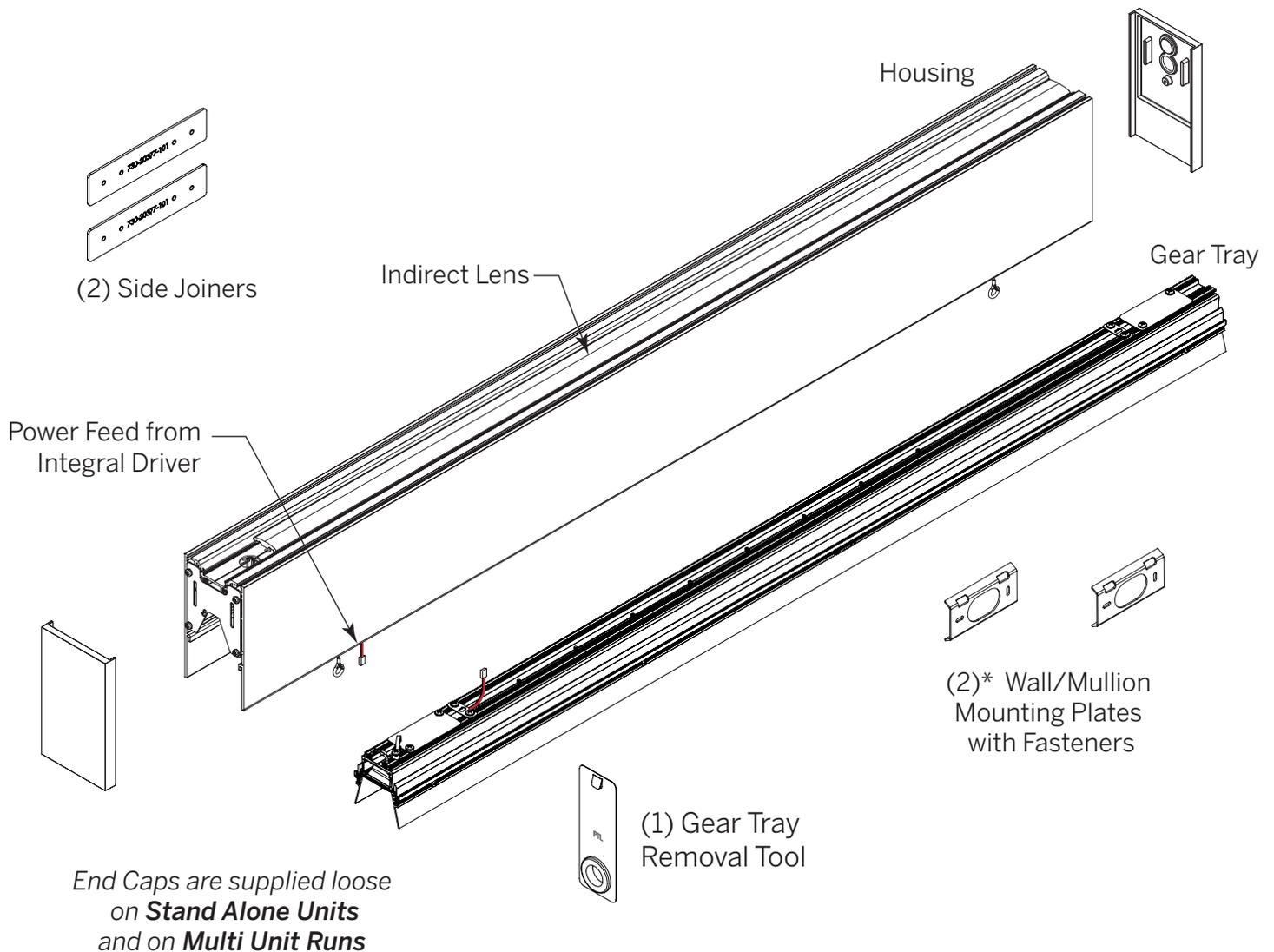


To prevent electrical shock disconnect electrical supply before installation or servicing.
Never connect a live fixture!!!

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.



Need Help?

*Fixtures longer than 6' are supplied with (3) sets of Mounting Hardware

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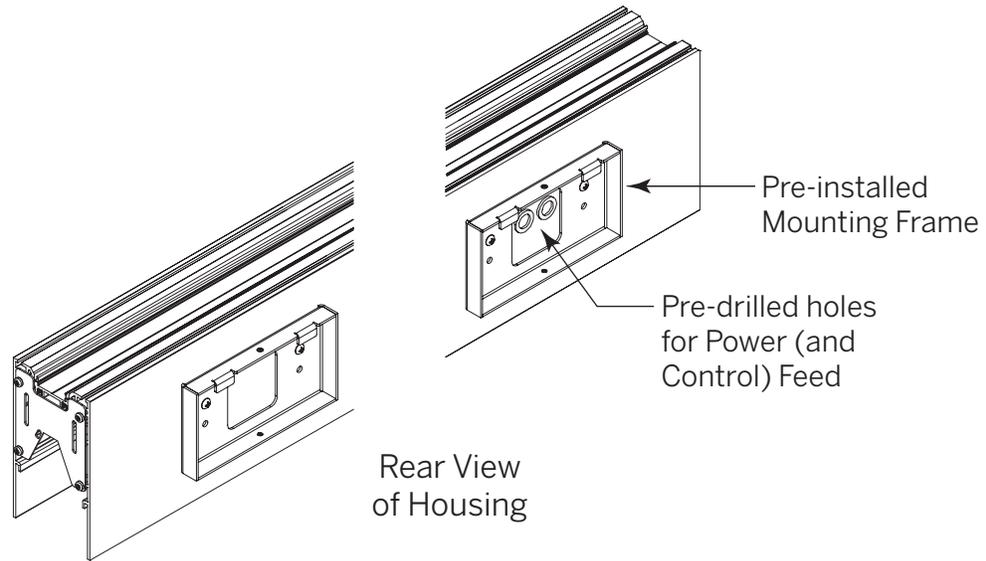
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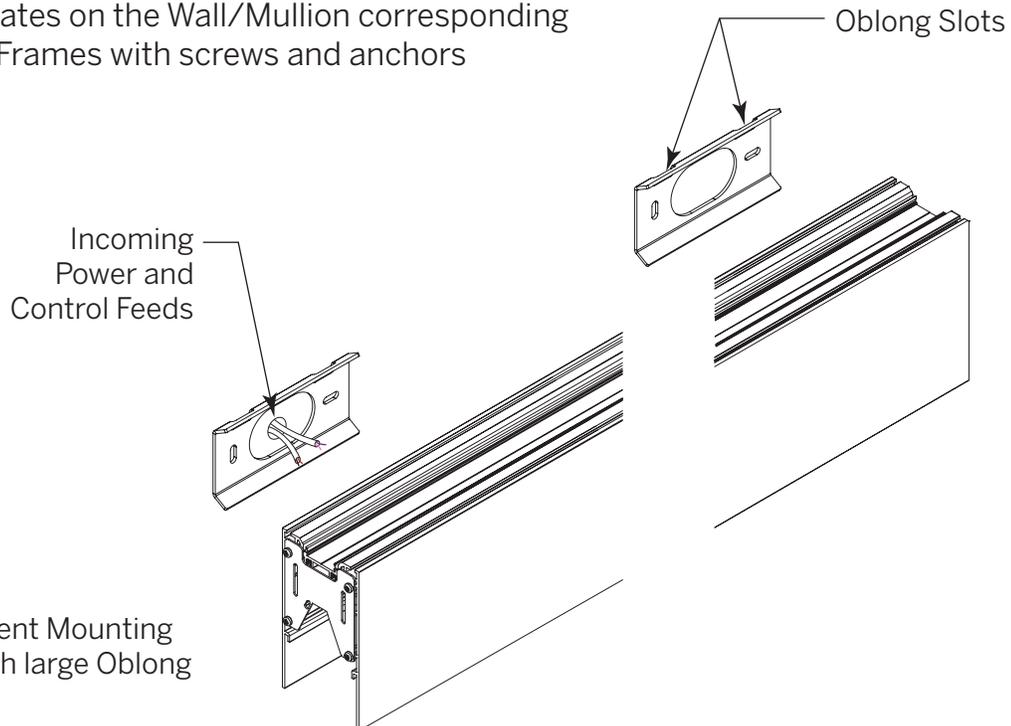
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Step 2 - **Install Housing** - Stand Alone Unit or Start Unit of Multi Unit Run

Mounting Frames are pre-installed on the back of the Housing at the factory.



- a** On a level line with Incoming Power Feed properly located, affix Mounting Plates on the Wall/Mullion corresponding to the Mounting Frames with screws and anchors (by others).



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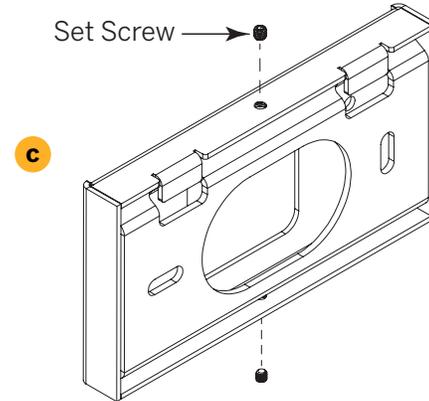
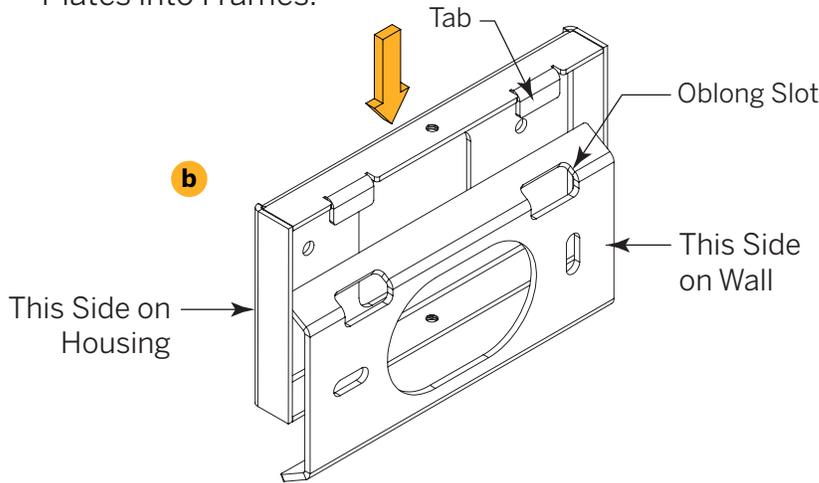
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Step 2 - **Install Housing** (continued)

- b** With Mounting Plates affixed to Wall, bring Housing with Mounting Frames up and over Plates. Lower Tabs on Frame into Oblong Slots.
- c** With Mounting Frames seated, tighten (2) supplied Set Screws top and bottom to lock Mounting Plates into Frames.

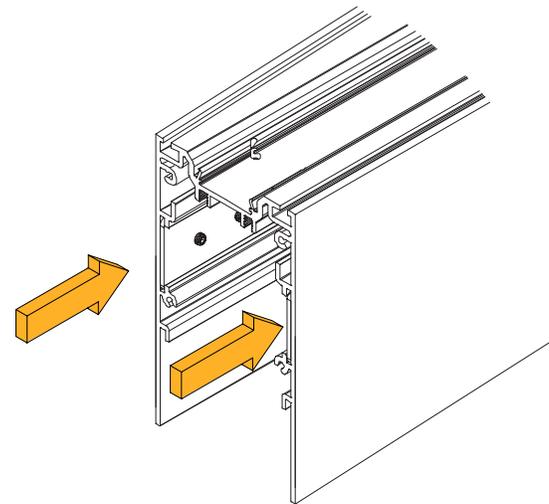


Step 3 - **Install Joiners** - Multi Unit Run only

On a Multi Unit Run, End Caps will be pre-installed at the factory but only on the Starting and End units.

Slide a Joiner on end opposite End Cap completely into each interior channel on each side of Housing, as shown.

Do not fasten Joiners to Housing at this time.



Step 4 - **Hang Middle or End Unit** - Multi Unit Run only

For each additional Unit, follow instructions for Hanging Housings in **Steps 2 & 3**. Ensure that each unit is level and butts up to its neighboring unit.



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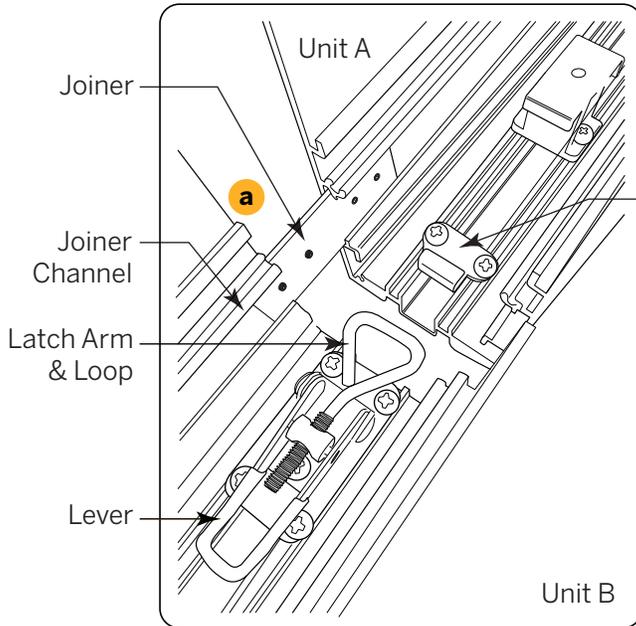
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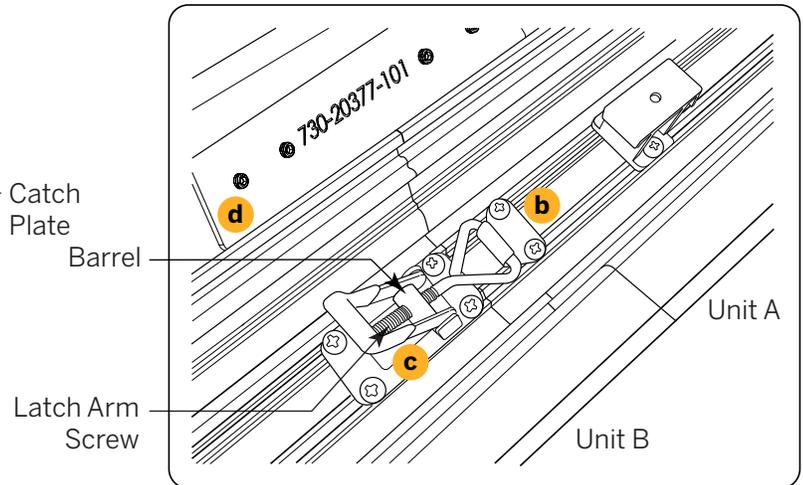
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Step 5 - **Joining Units** - Multi Unit Run only



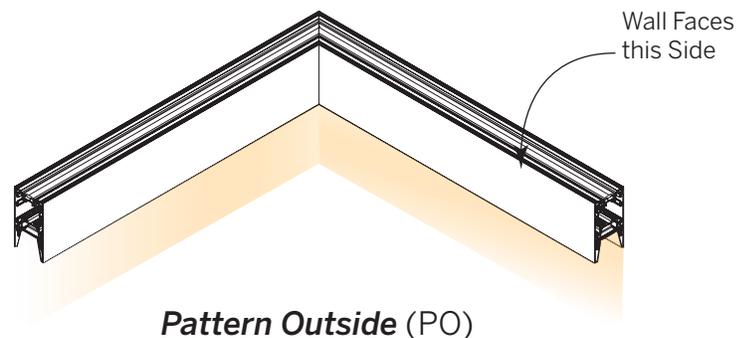
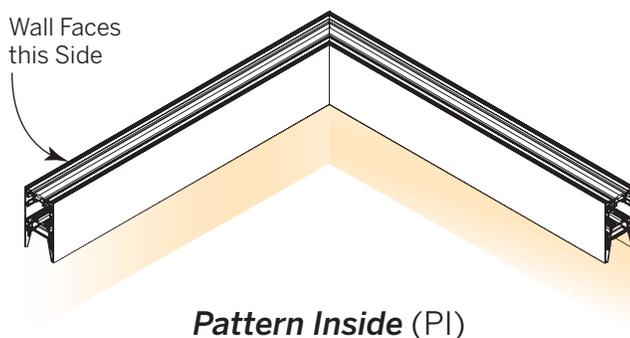
- a** Insert Joiners of Unit A into Joiner Channels of Unit B.
- b** Draw units completely together. Hook Latch Arm & Loop over Catch Plate. Adjust length of Latch Arm by rotating Latch Arm Screw through Barrel.



- 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 6 - **Install Corners** - Multi Unit Run only

Pattern Inside (PI) and Pattern Outside (PO) Corners are welded at the factory. Follow **Steps 3 & 5** to mount to existing Run. Illustration of light output shows direction only, and is not indicative of actual color, intensity, or spread.



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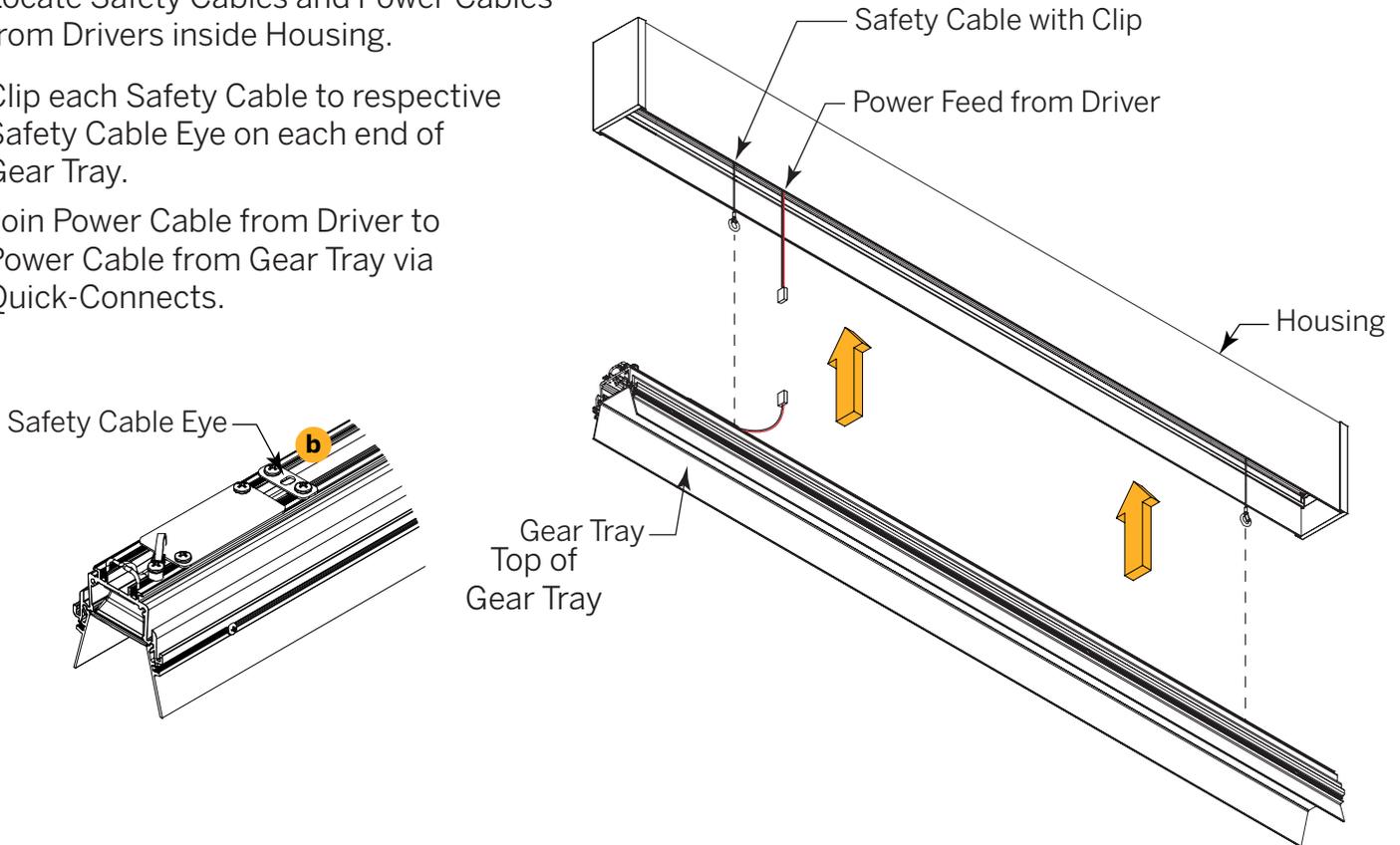
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Step 7 - Hang Gear Tray

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

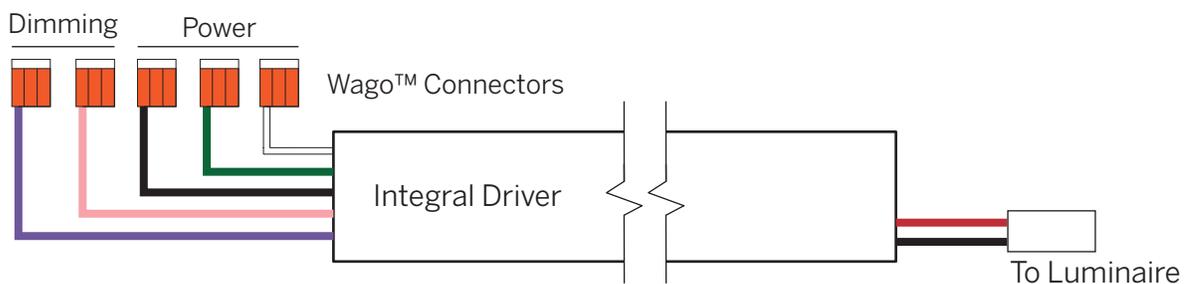


NOTE: The number of Drivers depends on length of Fixture and Power Levels specified. As such, there may be more than one Driver and Luminaire Power Feed. Similarly, controllers will add a second pair of feeds to each Driver.

Step 8 - Wiring

Stand Alone Unit

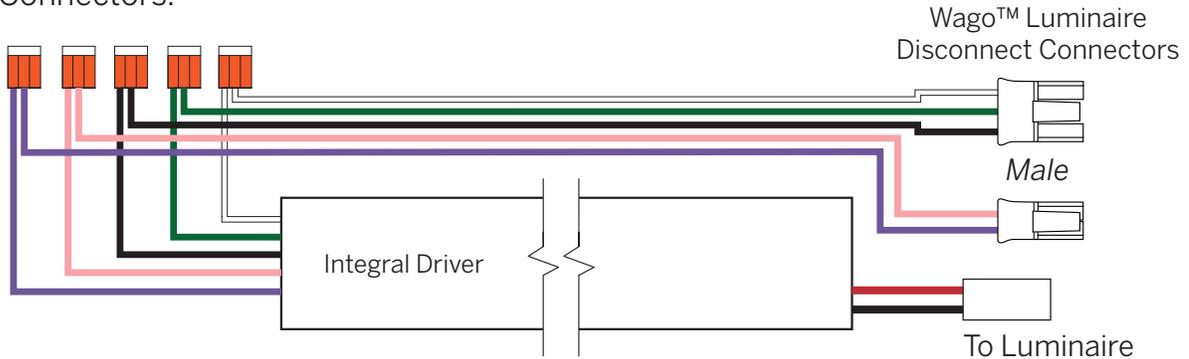
Five wires extend from Gear Tray and terminate with Wago™ Connectors. Connect these wires to incoming Power Feed.



Step 8 - **Wiring** (continued)

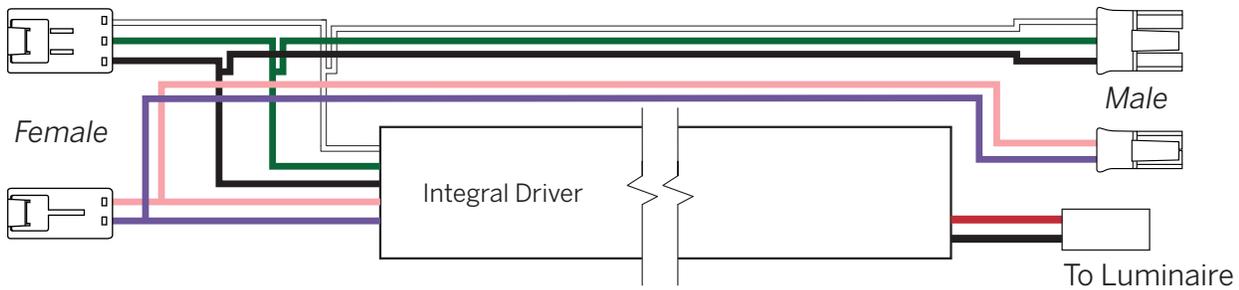
Multi Unit Run - Start Unit

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, uses the Male pair of Wago™ Luminaire Disconnect Connectors.



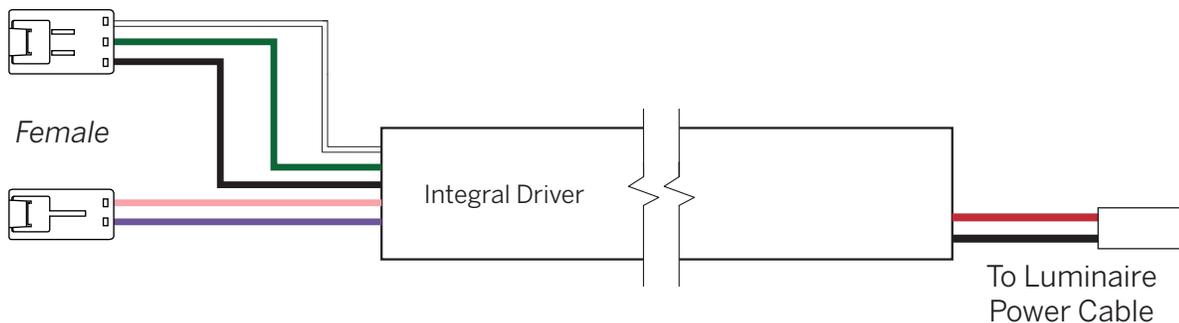
Multi Unit Run - Middle Unit

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.



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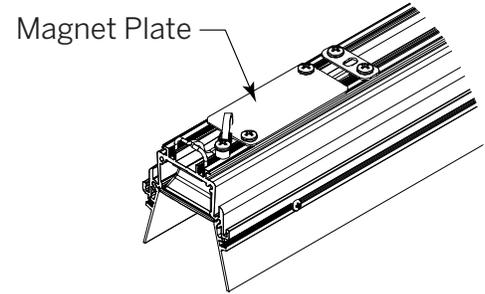
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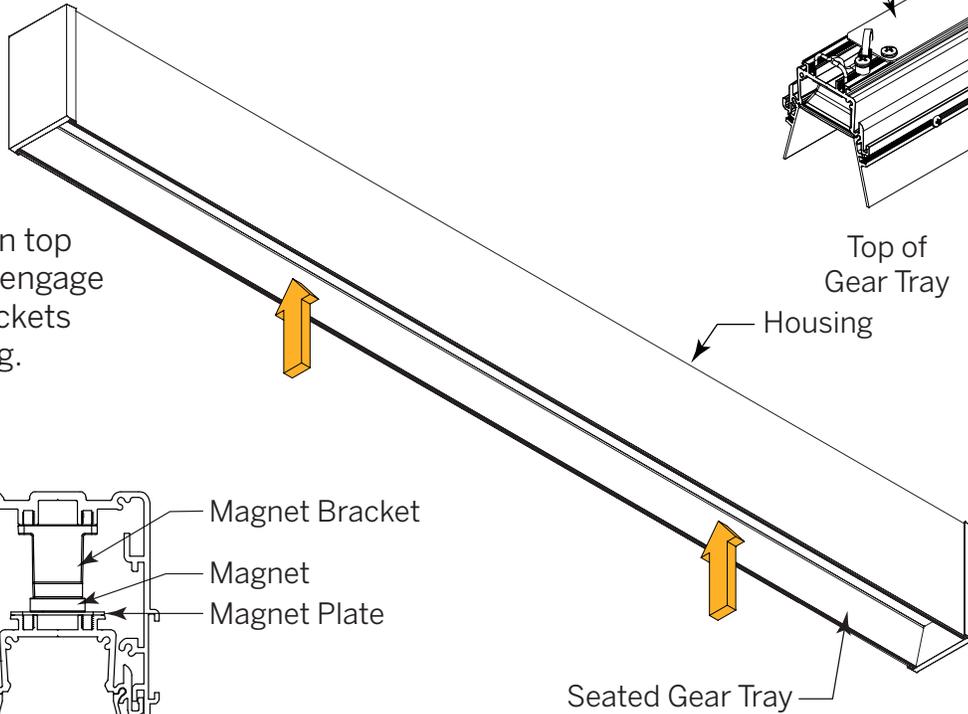
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Step 9 - *Install Gear Tray into Housing*

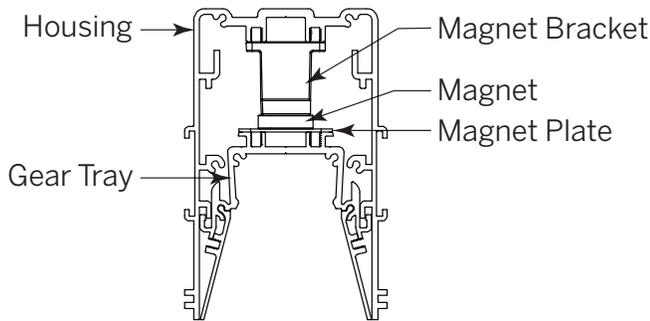
- a** While attached to Safety Cables, lift and insert Gear Tray into Housing.



- b** Magnet Plates on top of Gear Tray will engage Magnets on Brackets inside of Housing.



- c** Energize!

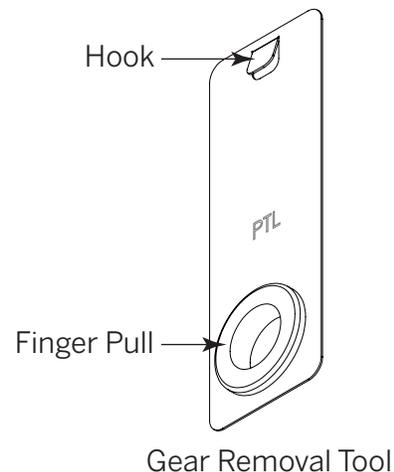


Cross Section of Gear Tray Seated in Housing

Step 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.



Need Help?

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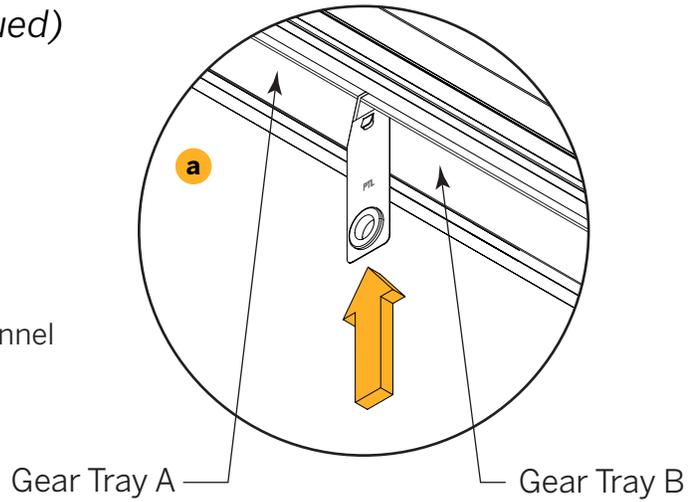
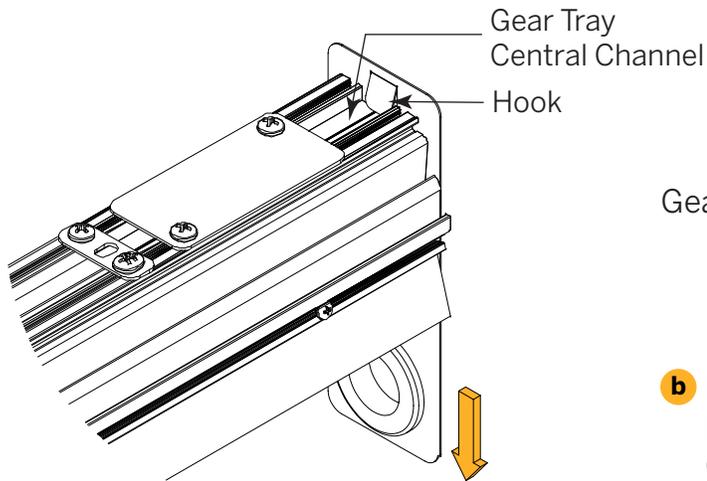
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Step 10 - Removing Gear Tray (continued)



- 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.

