

60 ProTools Linear

WG-60PTLP-RBT
WG-60PTLPSG1-RBT
WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT

Installation Instructions

Perimeter

Recessed Bezel Trim

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

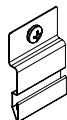


To prevent electrical shock disconnect electrical supply before installation or servicing.
Never connect a live fixture!!!

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

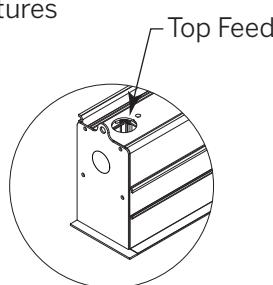
Step 1 - Open the Box

Unpack luminaire unit. Unit consists of **two** major parts: Housing and Gear Tray with Lens/Diffuser. If Soft Graze option specified, Soft Graze Bracket is an **additional** major part. Integral Drivers supplied by Inter-lux.

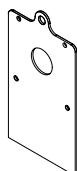


Wall Mounting Clips

(3) supplied with Fixtures 48" L and under
(4) supplied with Fixtures 48" L to 96" L

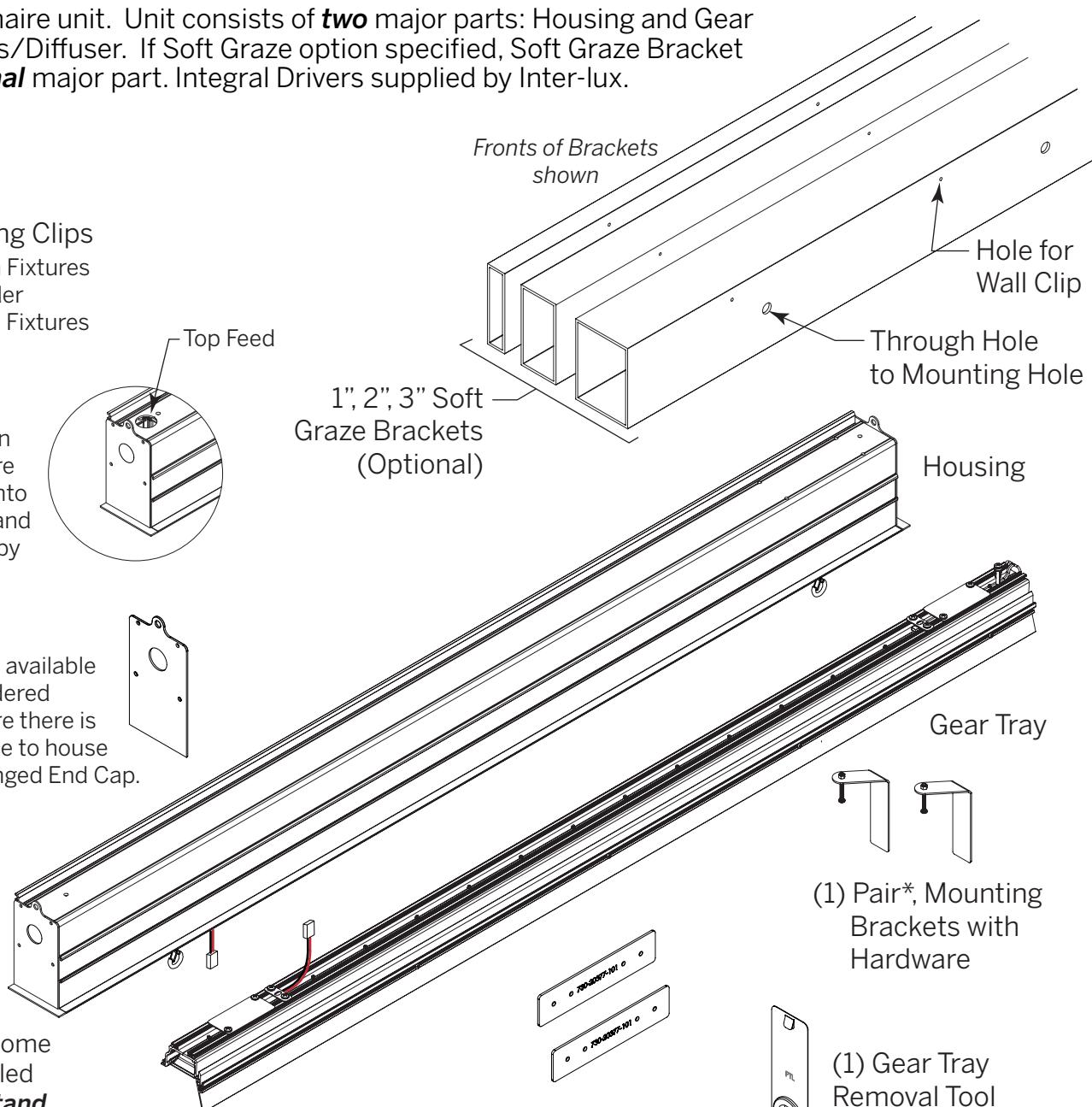


A *Top Feed* option is available, where a hole is drilled into profile. Conduit and Clamp supplied by others.



A *Flat End Cap* is available as an option (ordered separately) where there is not enough space to house the standard flanged End Cap.

End Caps come pre-installed on both **Stand Alone Units** and **Start** and **End Units** of **Multi Unit Runs**



Need Help?

(2) Side Joiners with Set Screws

*Housings 49"- 96" have an additional Mounting Bracket at center.

(1) Gear Tray Removal Tool



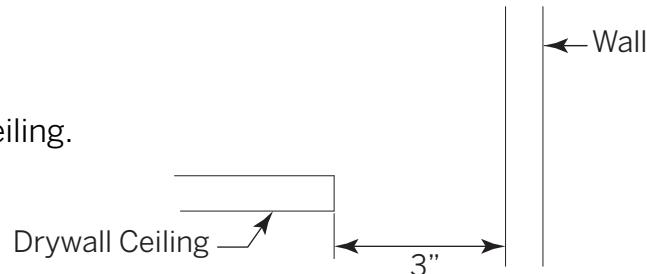
(1) Pair*, Mounting Brackets with Hardware



Step 2 - *Installation Prep*

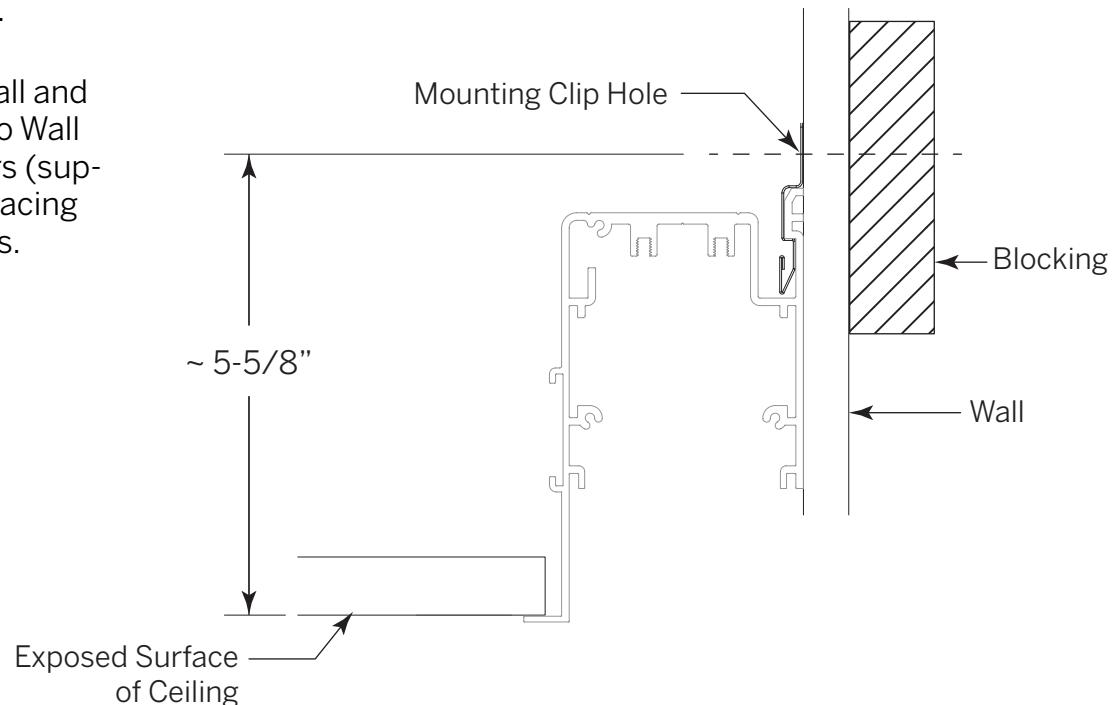
Direct Wall Mount

a Allow an opening of 3" between Wall and edge of Ceiling.



b Determine mounting location relative to exposed surface of ceiling, approximately 2-5/8" as shown below. Lay out a level line for all Mounting Clips, whether a single Stand Alone Unit or a Multi Unit Run.

c Add Blocking behind Wall and fasten Mounting Clips to Wall with screws and anchors (supplied by others). Clip spacing is (1) per foot on centers.



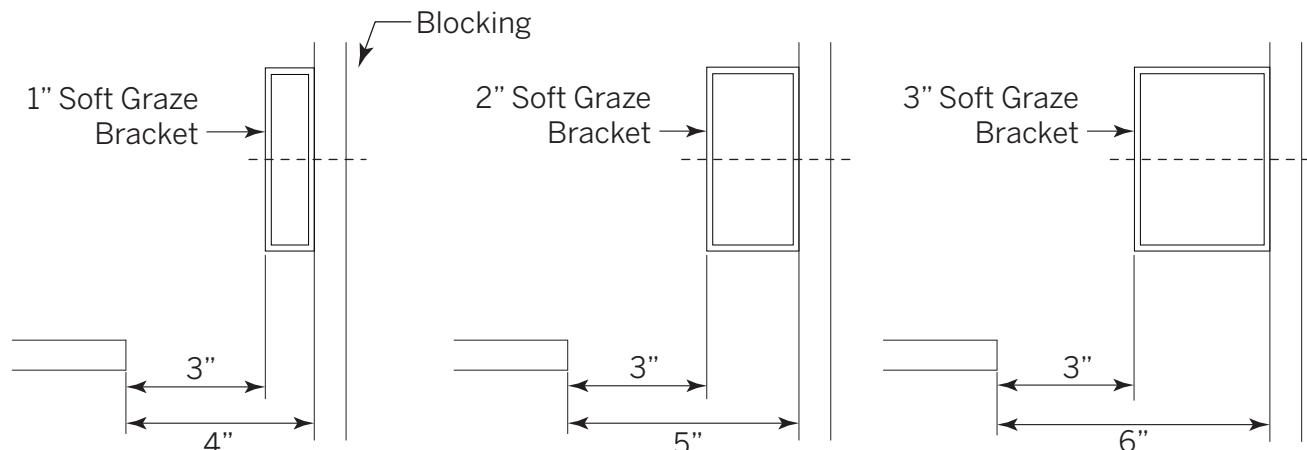
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Need
Help?

Step 2 - *Installation Prep* (continued)

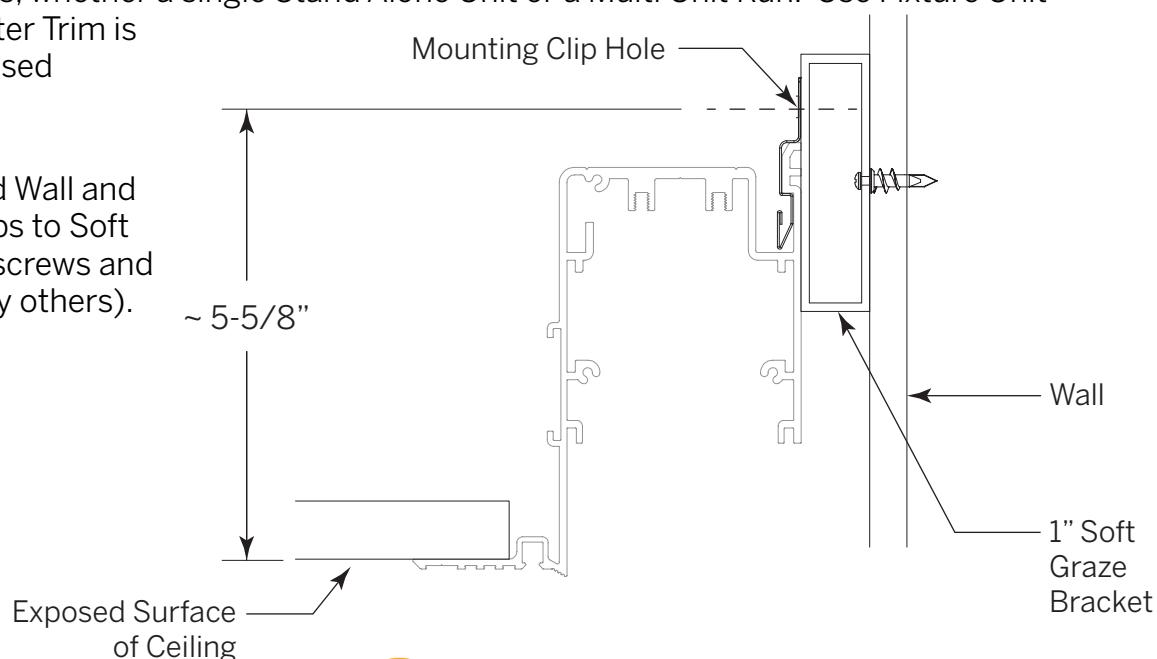
Soft Gaze Mount

a If order specifies Soft Gaze illumination, install the Soft Gaze Bracket now using screws and anchors (supplied by others) with Blocking. Opening between Wall and Grid Member increases as follows:



b Determine mounting location of Soft Gaze Bracket such that center of *Mounting Clip Hole* is approximately 5-5/8" from Exposed Surface of Ceiling, as shown below. Lay out a level line for all Mounting Clips, whether a single Stand Alone Unit or a Multi Unit Run. Use Fixture Unit to confirm that Plaster Trim is in contact with Exposed Surface of Ceiling.

c Add Blocking behind Wall and fasten Mounting Clips to Soft Gaze Bracket with screws and anchors (supplied by others).



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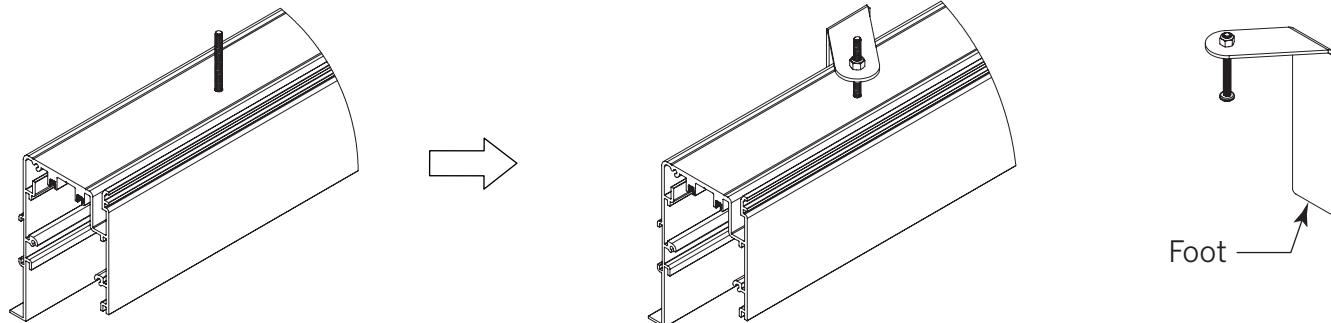
Perimeter

Recessed Bezel Trim

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Step 3 - **Housing Prep**

- a** Gather the parts for the pair of Mounting Brackets.
- b** At each end*, from inside Housing, insert screw for Mounting Bracket into pre-drilled hole, followed by Bracket and Hex Nut.



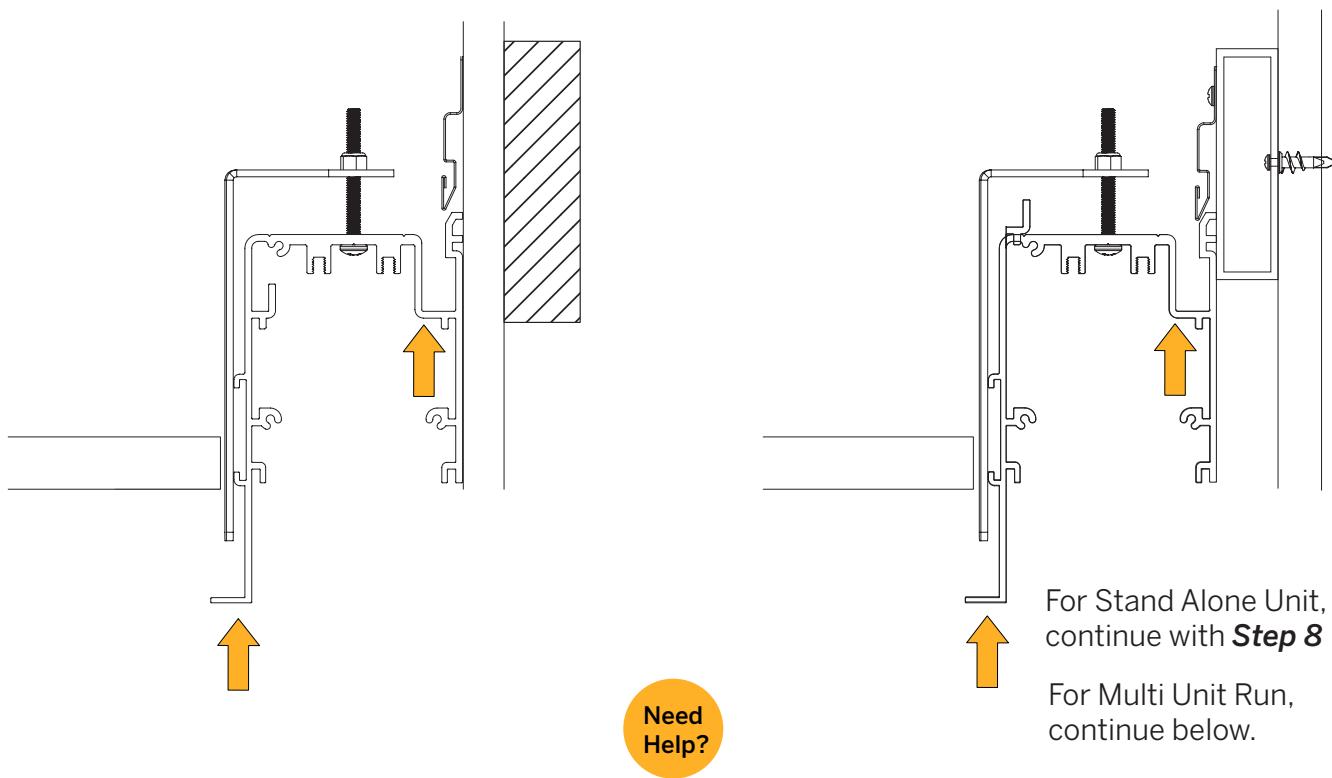
- c** Adjust height of Nut such that distance between Bracket Foot and top of Bezel Flange is approximately equal to the thickness of Ceiling Surface when screw is fully extended.
- d** Adjust Bracket such that it is flush with side of Housing. See illustrations next step.

*Housings 49"-96" have an additional Mounting Bracket at center.

Step 4 - **Install Housing**

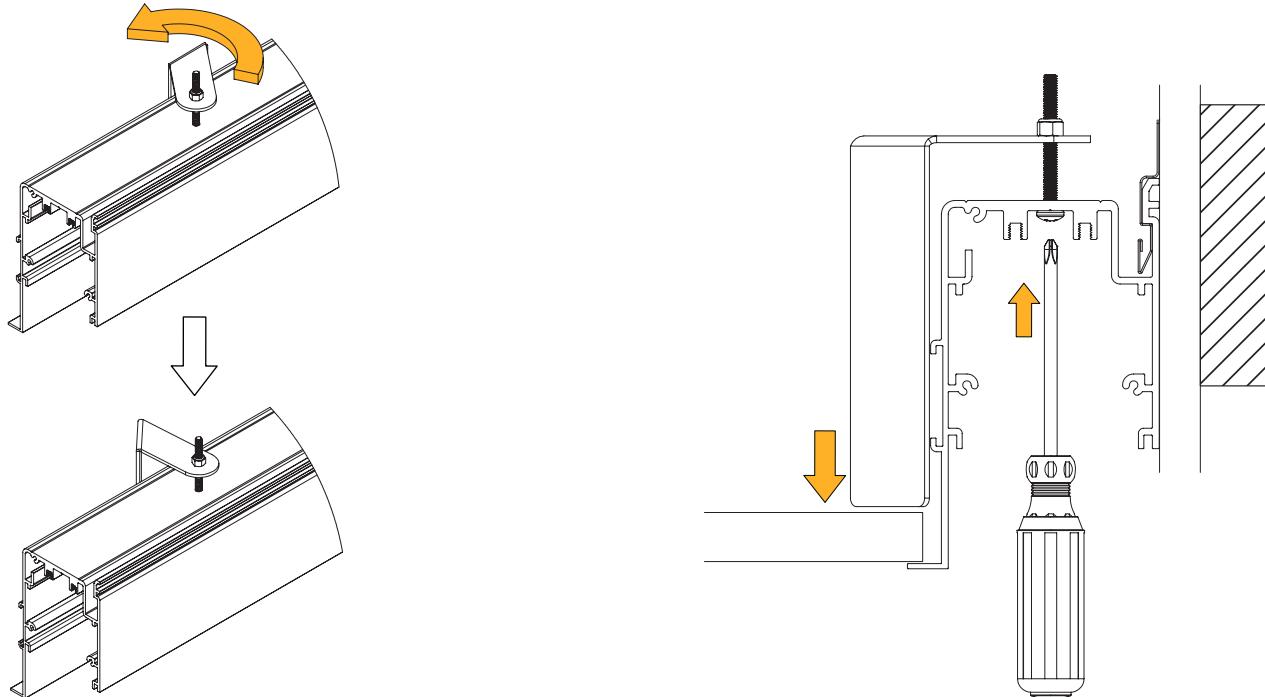
Stand Alone Unit or First Unit in Multi Unit Run

- a** Slide Housing up against Wall, or up against Soft Graze Bracket, as shown. Uppermost portion of Housing slides up and under Mounting Clip.



Step 4 - *Install Housing* (continued)

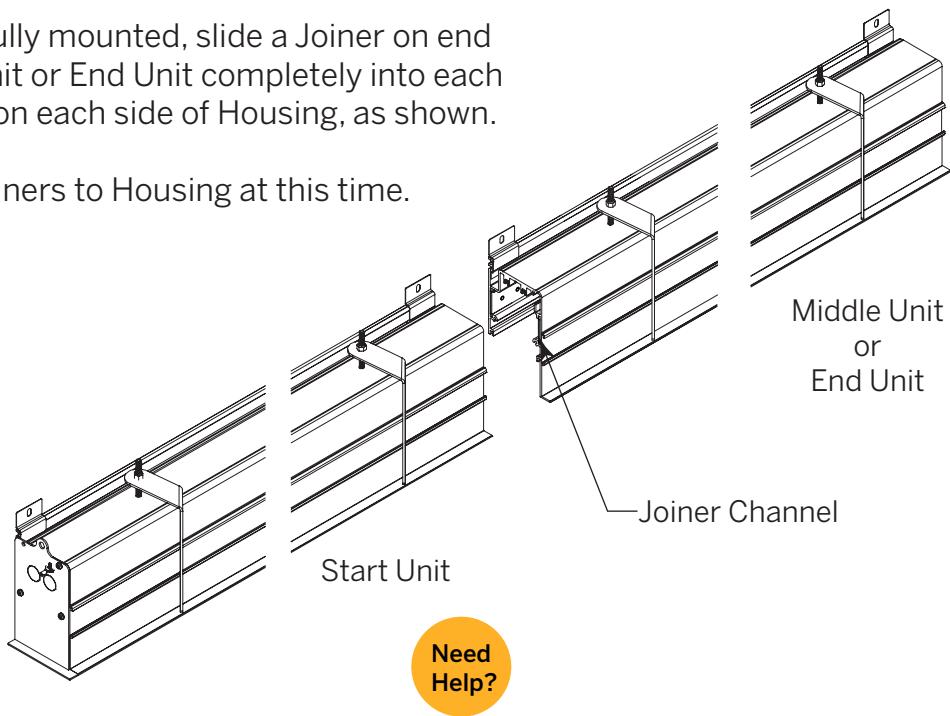
b Once inserted into ceiling, tighten screw from inside Housing. Doing so will rotate Bracket and lower it clamping ceiling surface between Bracket and Bezel Flange.



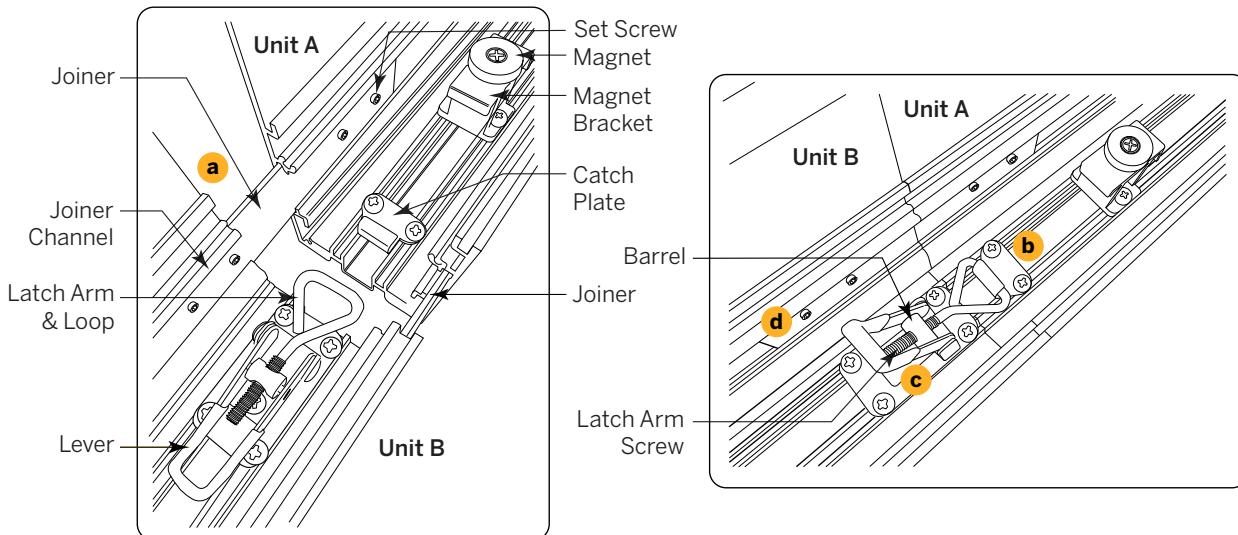
Step 5 - *Install Joiners* - Multi Unit Run only

With Start Unit fully mounted, slide a Joiner on end of first Middle Unit or End Unit completely into each interior channel on each side of Housing, as shown.

Do not fasten Joiners to Housing at this time.



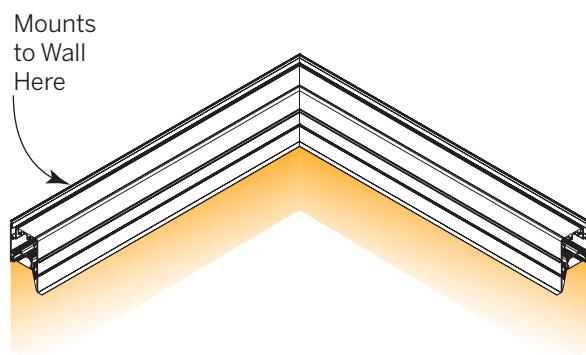
Step 6 - **Joining Units** - Multi Unit Run only



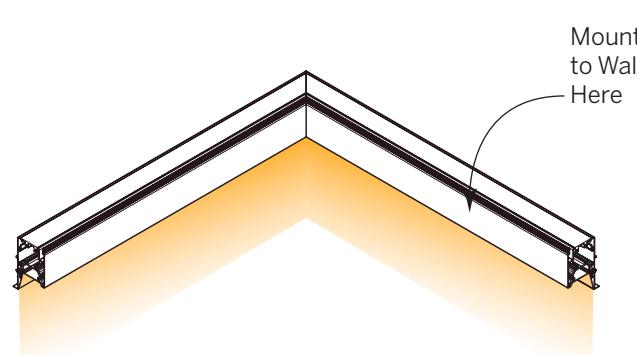
- a** Insert Joiners of Unit A (Middle or End Unit) into Joiner Channels of Unit B (adjacent unit).
- b** Draw units completely together. Hook Latch Arm & Loop over Catch Plate. Adjust length of Latch Arm by rotating Latch Arm Screw through Barrel.
- c** Press Lever fully down to lock.
- d** Center each Joiner on Housing Joint.
- e** Tighten all Set Screws on both Joiners. **Do not** overtighten. Overtightening risks deforming Housing surface.

Step 7 - **Corners** - Multi Unit Run only

Pattern Inside (PI) and Pattern Outside (PO) Corners are welded at the factory. Follow **Steps 5 & 6** to mount to existing Run. Corners use same Latch Arm and Catch Plate joining system as on straight units. Illustration of light output shows direction only, and is not indicative of color, intensity, or actual spread.



Pattern Inside (PI)



Pattern Outside (PO)

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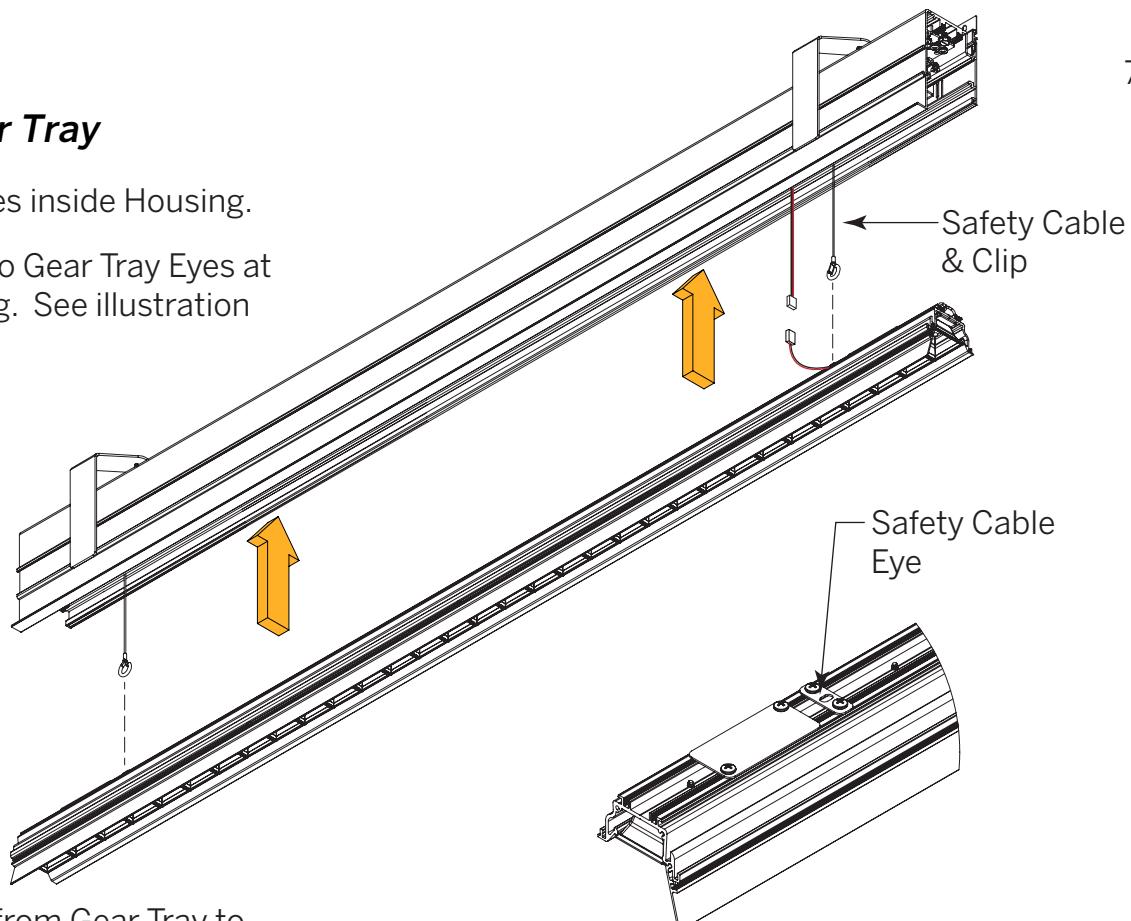
Perimeter

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Step 8 - Hang Gear Tray

- a** Locate Safety Cables inside Housing.
- b** Clip Safety Cables to Gear Tray Eyes at each end of Housing. See illustration at right.



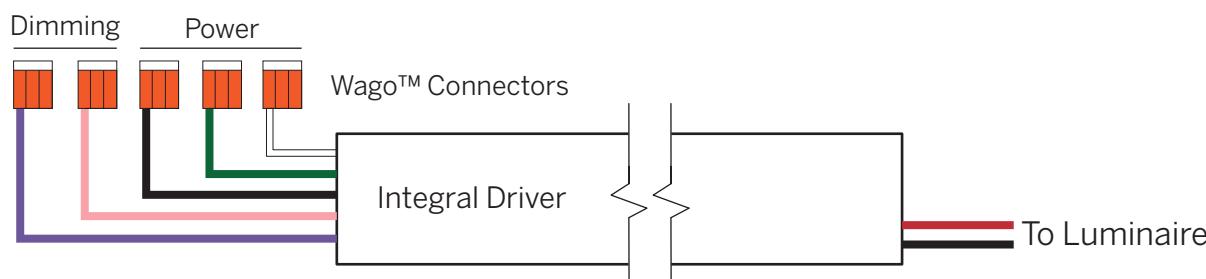
- c** Clip Power Feed(s) from Gear Tray to those in Housing with attached Quick-Connect terminals.

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

Stand Alone Unit

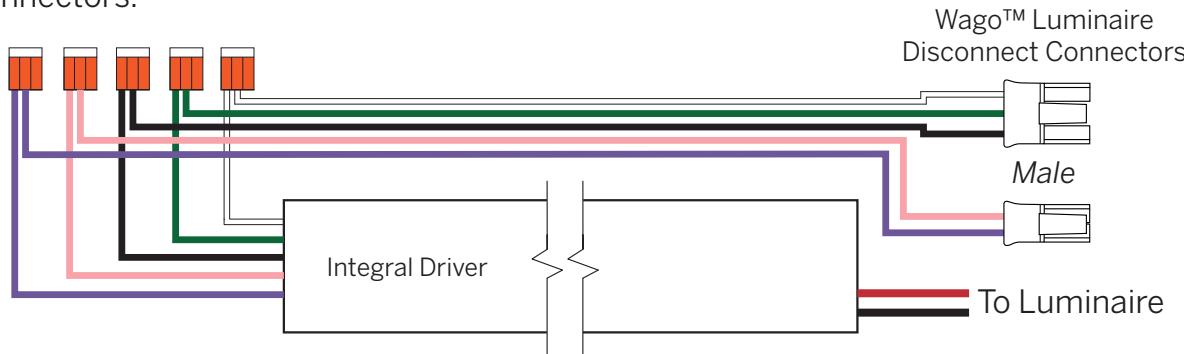
Five wires extend from Gear Tray and terminate with Wago™ Connectors. Connect these wires to incoming Power Feed.



Step 9 - **Wiring** (continued)

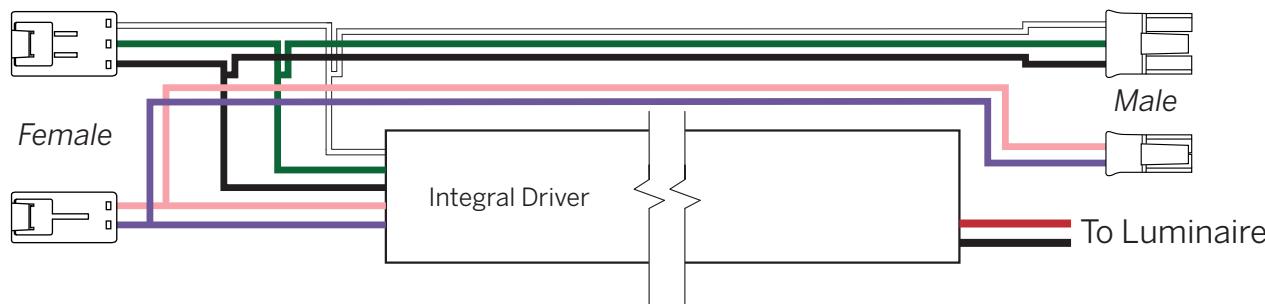
Multi Unit Run - Start Unit

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 pair of Male Wago™ Luminaires Disconnect Connectors.



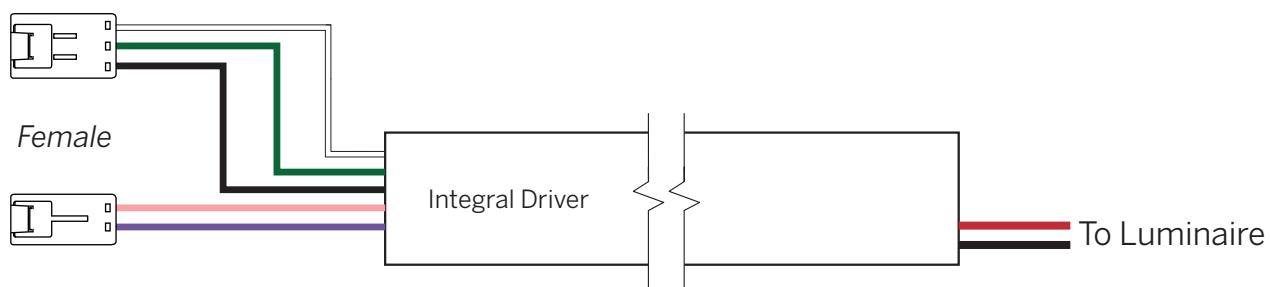
Multi Unit Run - Middle Unit

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™ Luminaires Disconnect Connectors on each side of the unit.



Multi Unit Run - End Unit

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



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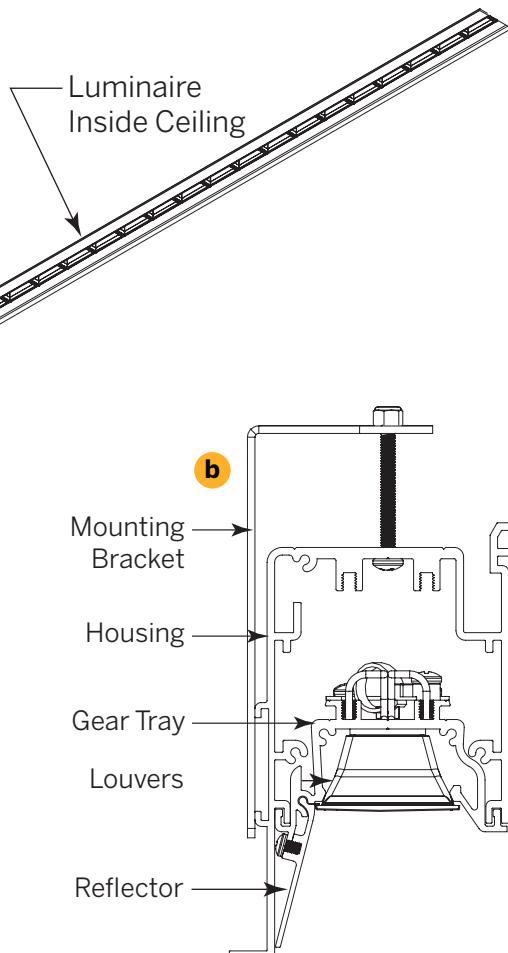
Linear Perimeter

Recessed Bezel Trim

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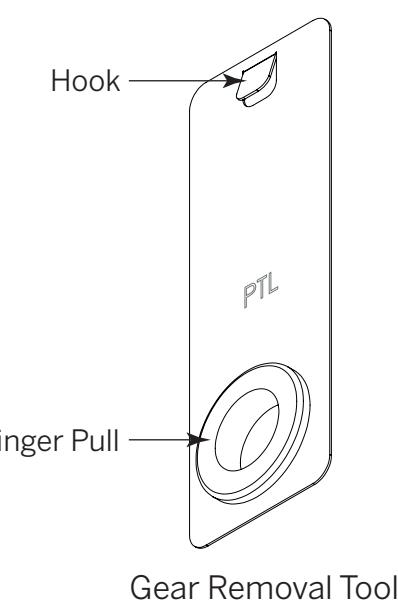
Step 10 - *Placing Gear Tray in Housing*

- a** 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!



Step 11 - *Removing Gear Tray*

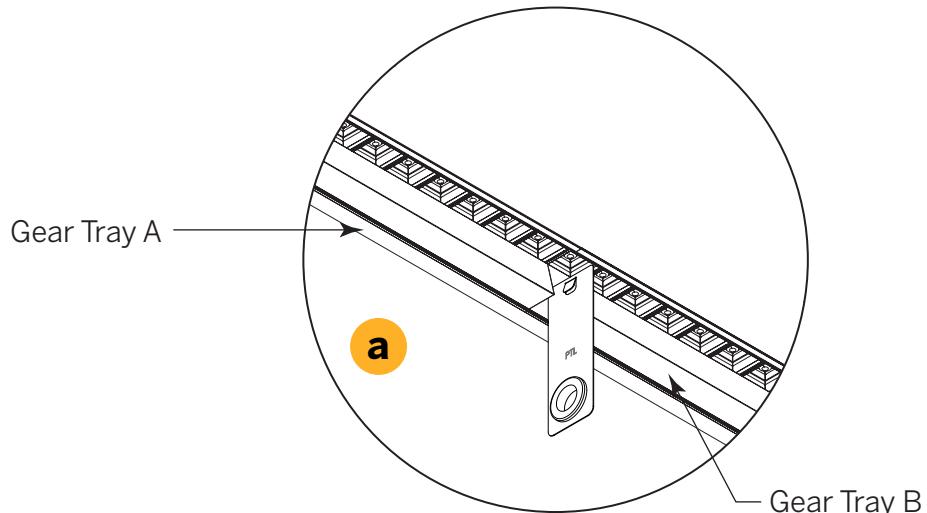
Should there be a need to remove the Gear Tray, a Gear Tray Removal Tool is provided with every order. The following applies to multiple Gear Trays in a single housing and to a series of Gear Trays in a Multi Unit Run.



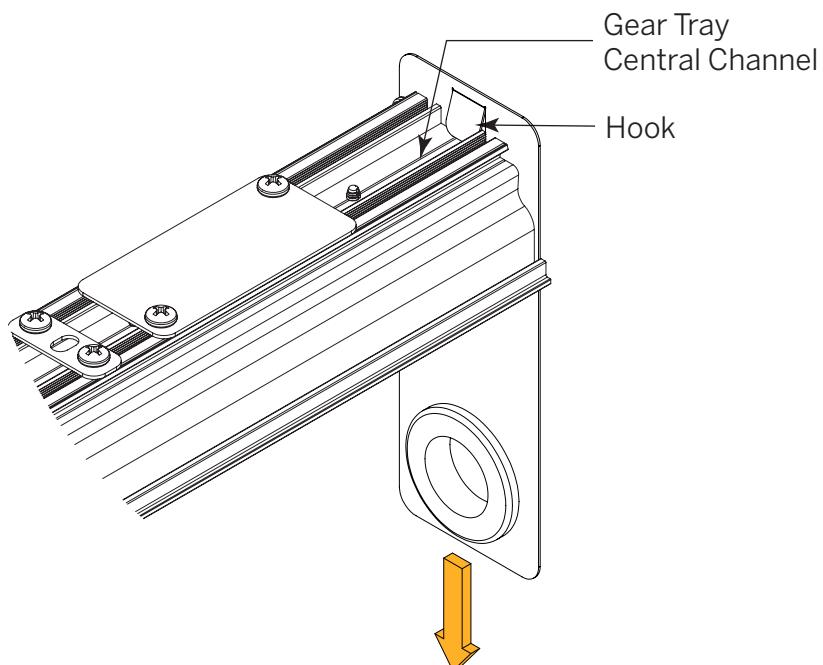
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Step 11 - **Removing Gear Tray**

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.



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