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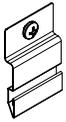
To prevent electrical shock disconnect electrical supply before installation or servicing. **Never connect a live fixture!!!**

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

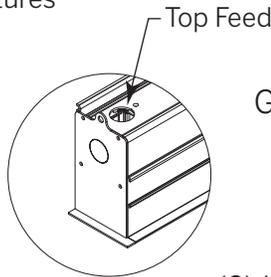---

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.

Fronts of Brackets shown

Hole for Wall Clip

Through Hole to Mounting Hole

Wall Mounting Clips

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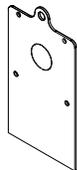(4) supplied with Fixtures 48"L to 96"L

Top Feed

A *Top Feed* option is available, where a hole is drilled into profile. Conduit and Clamp supplied by others.
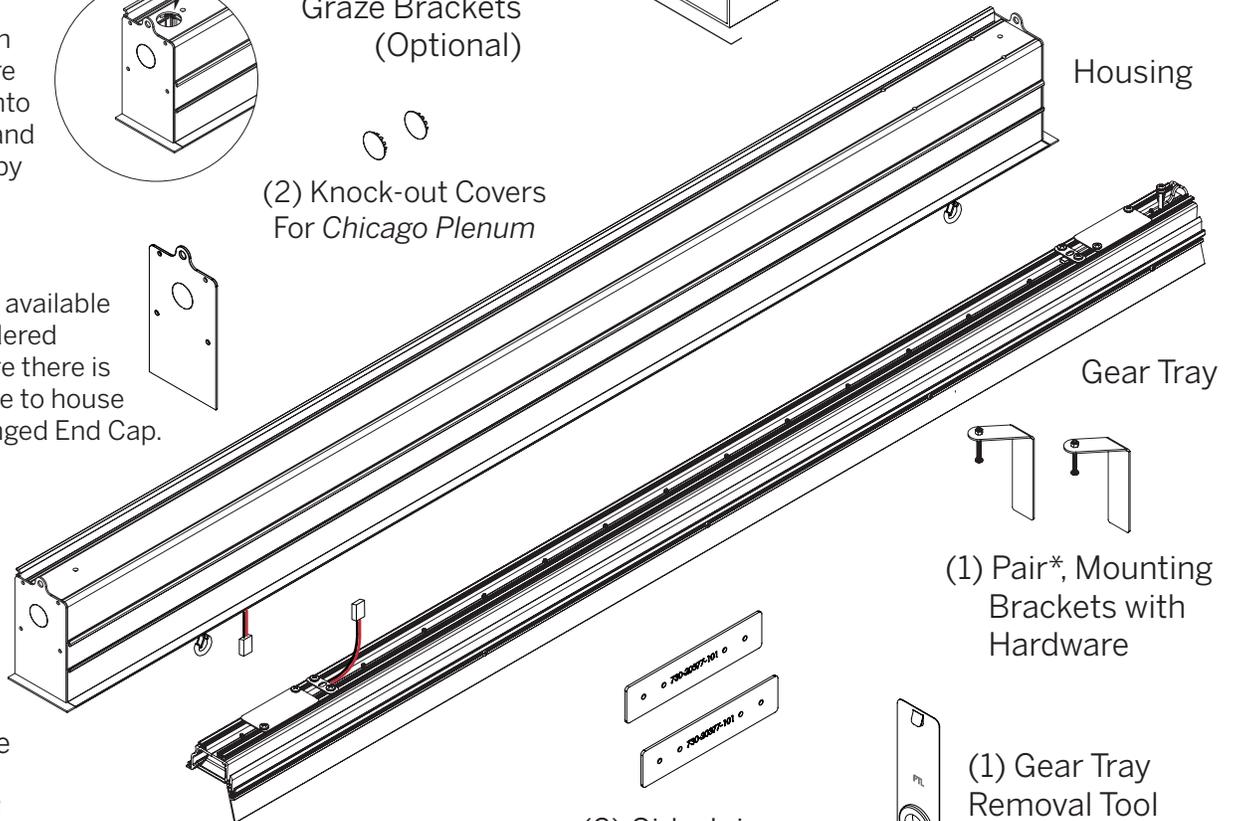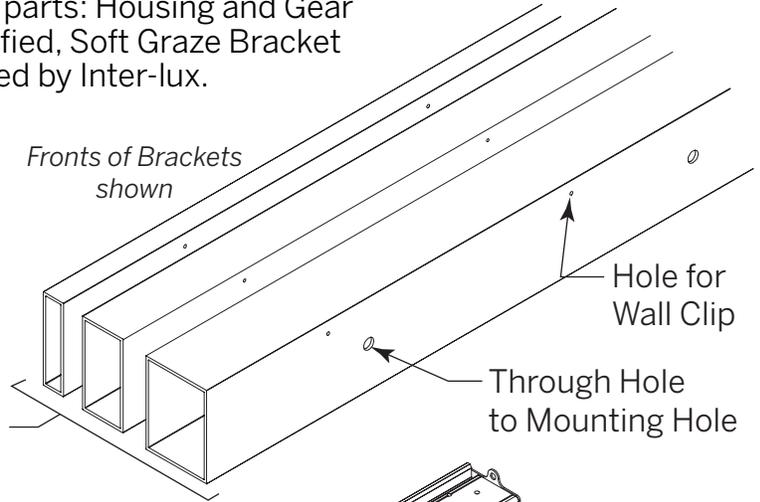
1", 2", 3" Soft Graze Brackets (Optional)

(2) Knock-out Covers For *Chicago Plenum*

Housing

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

Gear Tray

(1) Pair*, Mounting Brackets with Hardware

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

(2) Side Joiners with Set Screws

(1) Gear Tray Removal Tool

Need Help?

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

---

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

updated 2.2026

60 ProTools Linear

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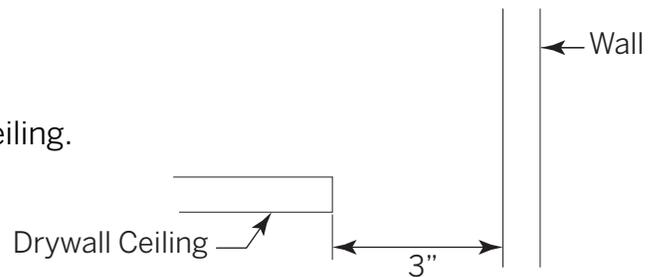WG-60PTLPSG3-RBT

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 6c).*
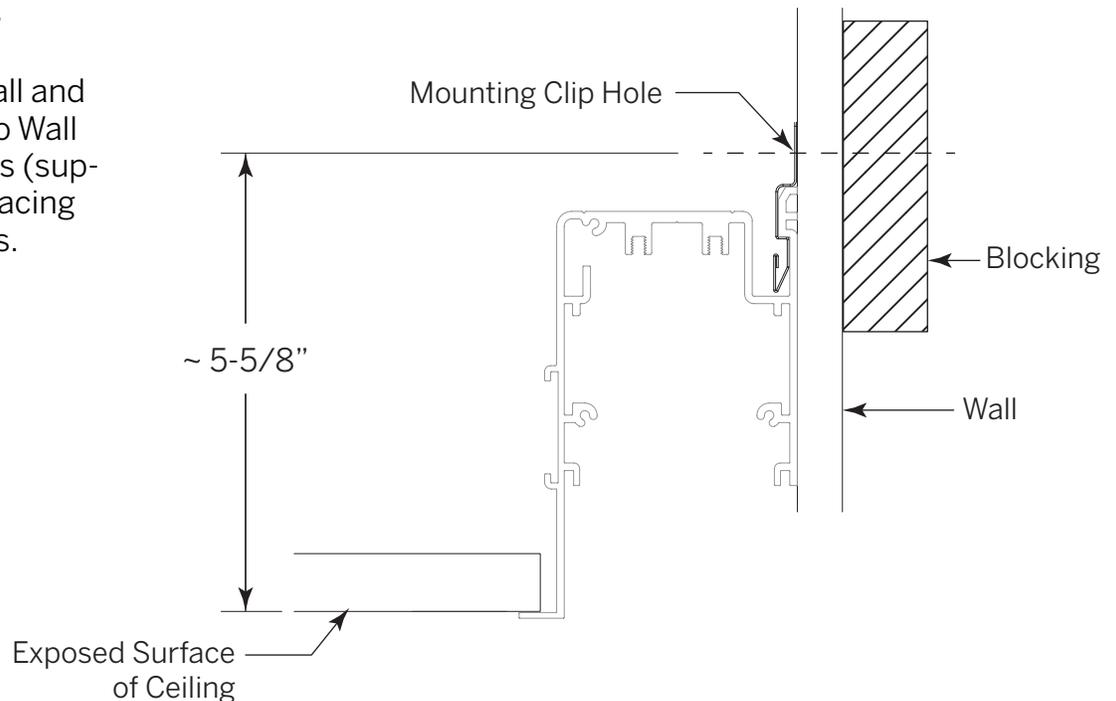
Step 2 - *Installation Prep*

Direct Wall Mount

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

← Wall

Drywall Ceiling ⟶

3"

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.

Mounting Clip Hole

Blocking

~ 5-5/8"

Wall

Exposed Surface of Ceiling

Need Help?

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

updated 2.2026

60 ProTools Linear

WG-60PTLP-RBT
WG-60PTLPSG1-RBT
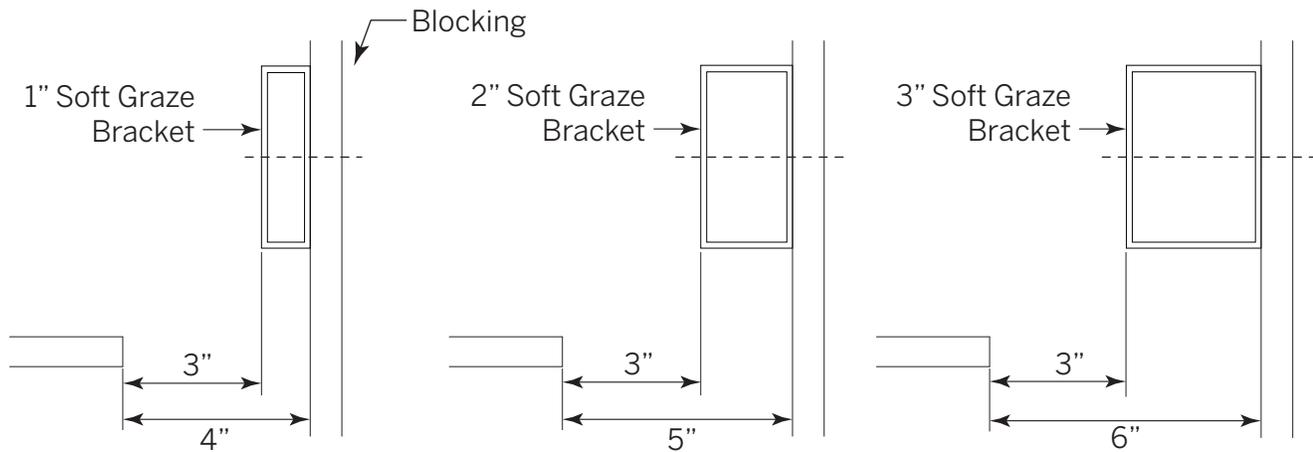WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT
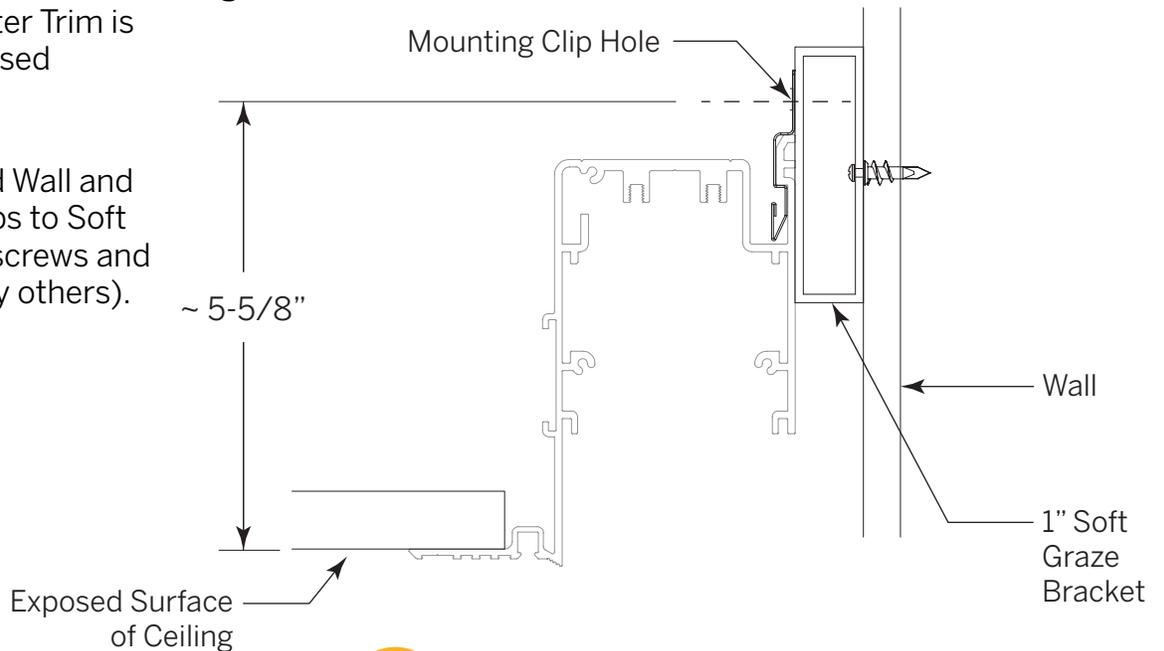
Perimeter
Recessed Bezel Trim

3/10

Step 2 - *Installation Prep* (continued)

Soft Graze Mount

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

Blocking

1" Soft Graze Bracket — 3" — 4"

2" Soft Graze Bracket — 3" — 5"

3" Soft Graze Bracket — 3" — 6"

b Determine mounting location of Soft Graze 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 Graze Bracket with screws and anchors (supplied by others).

Mounting Clip Hole

~ 5-5/8"

Exposed Surface of Ceiling

Wall

1" Soft Graze Bracket

Need Help?

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

updated 2.2026

60 ProTools Linear

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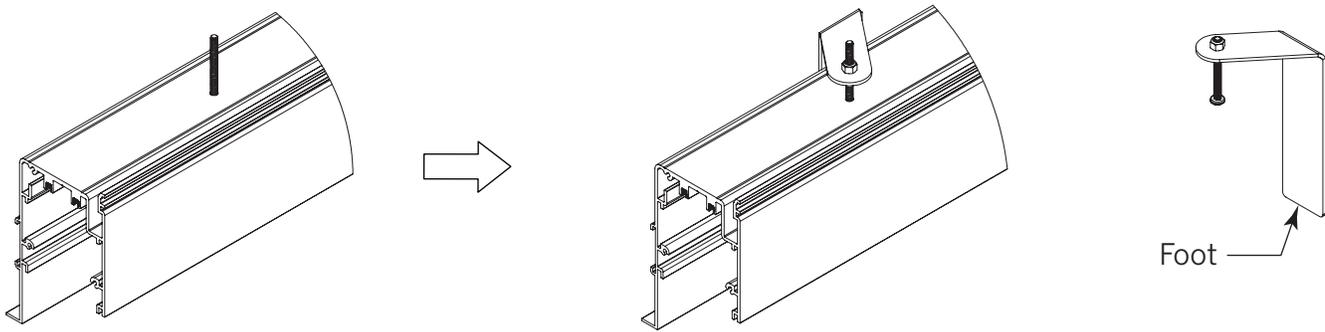WG-60PTLPSG1-RBT
WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT

Perimeter

Recessed Bezel Trim

4/10

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.
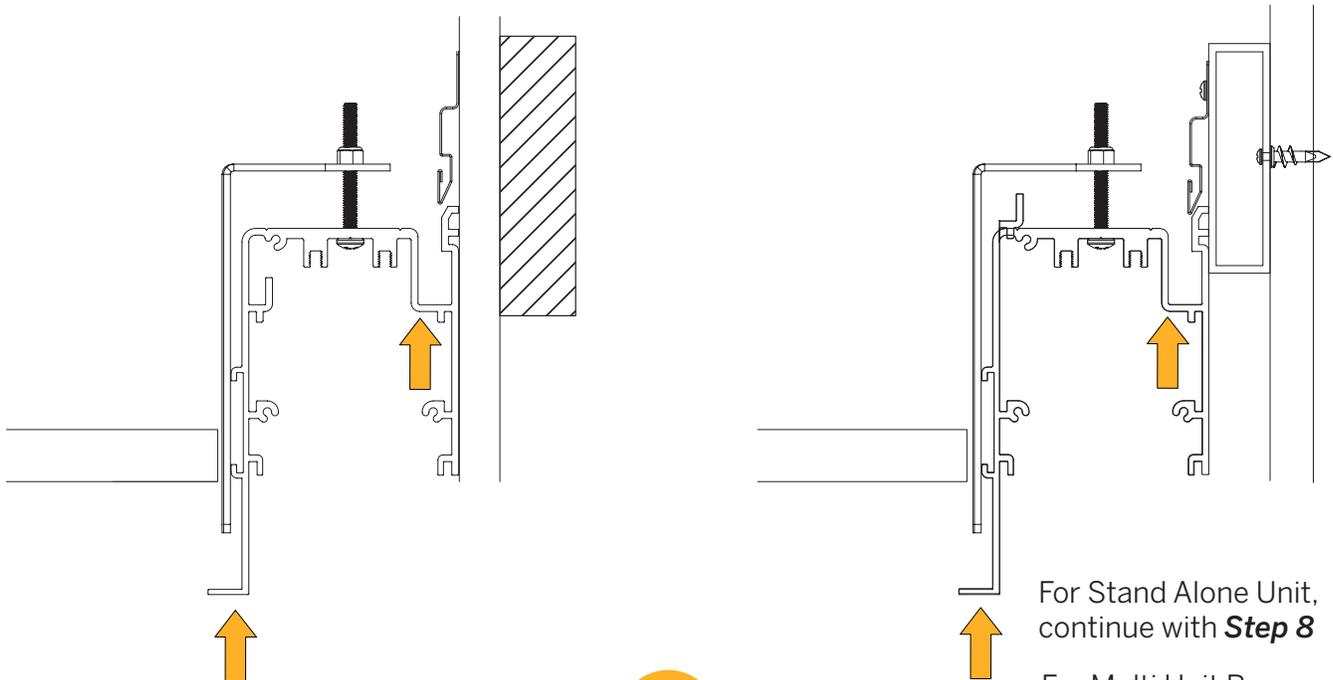

Foot

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.

For Stand Alone Unit, continue with *Step 8*

For Multi Unit Run, continue below.

Need Help?

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

updated 2.2026

60 ProTools Linear

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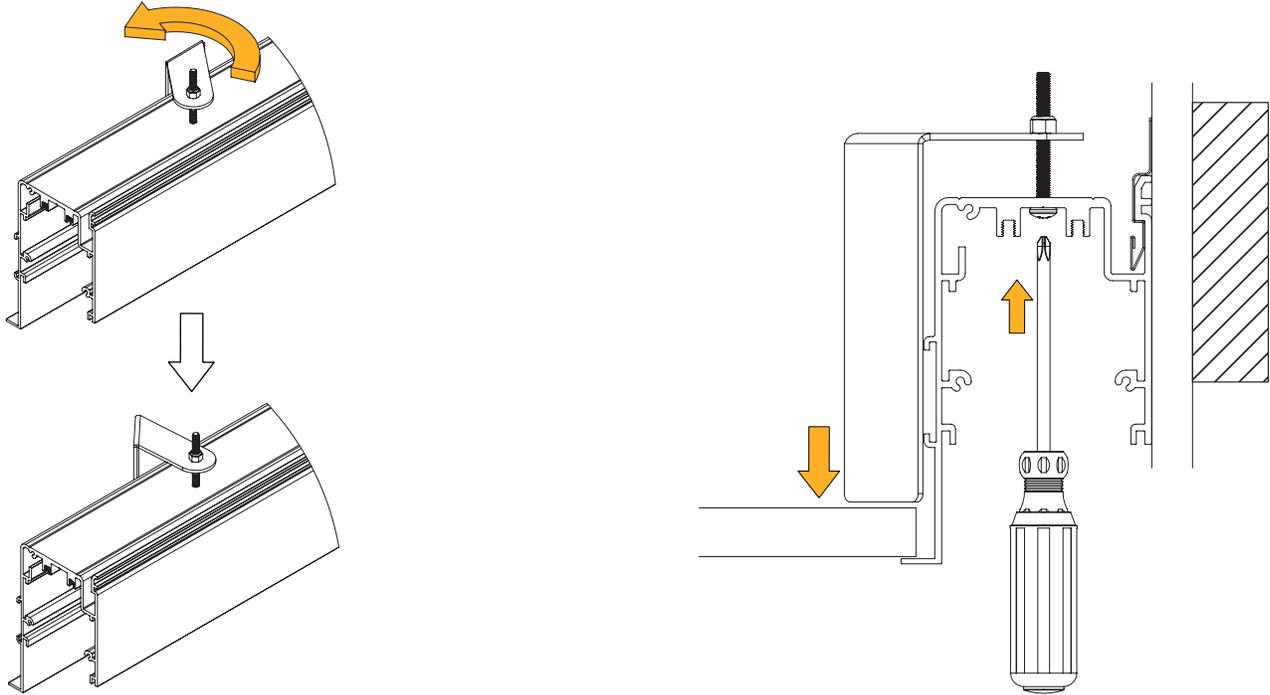WG-60PTLPSG1-RBT
WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT

Perimeter

Recessed Bezel Trim

5/10

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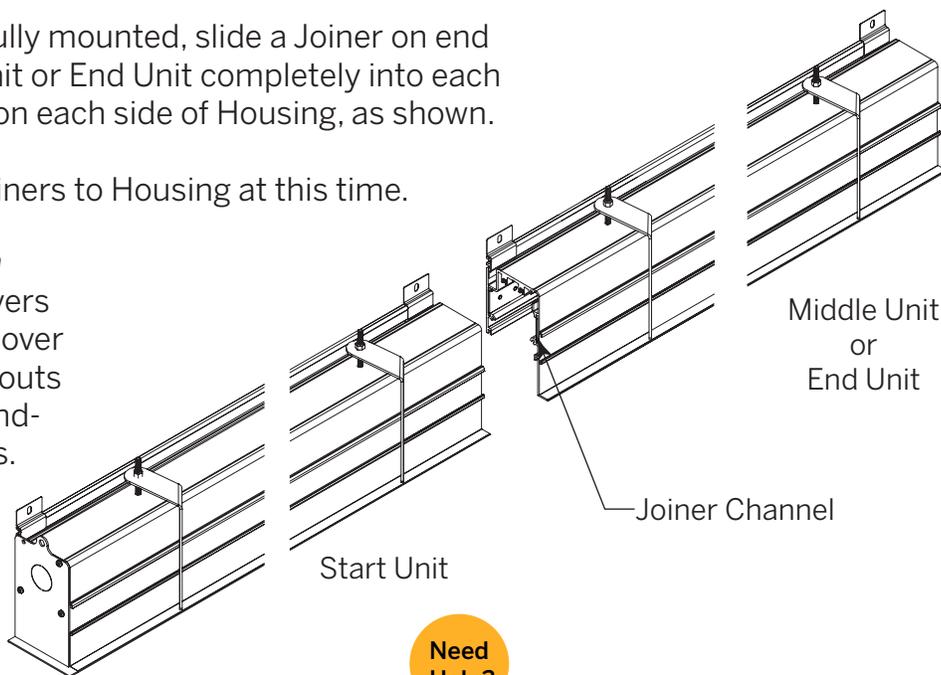
Step 5 - *Install Joiners* - *Multi Unit Run only*

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.

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

Middle Unit
or
End Unit

Joiner Channel

Start Unit

Need Help?

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.
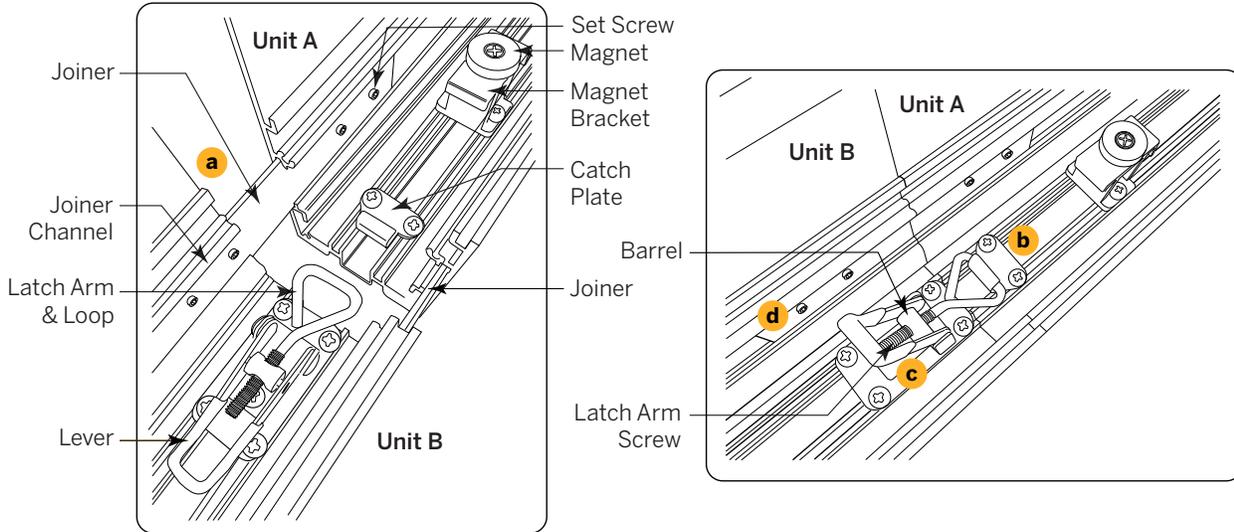
updated 2.2026

60 ProTools Linear

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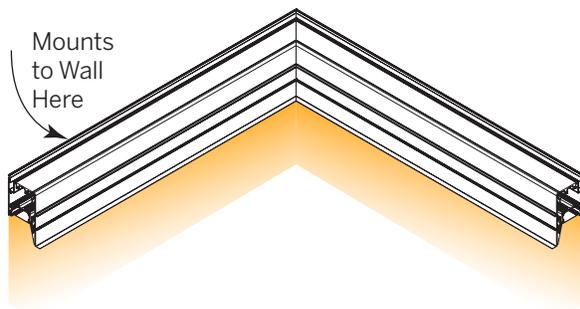
Perimeter

Recessed Bezel Trim
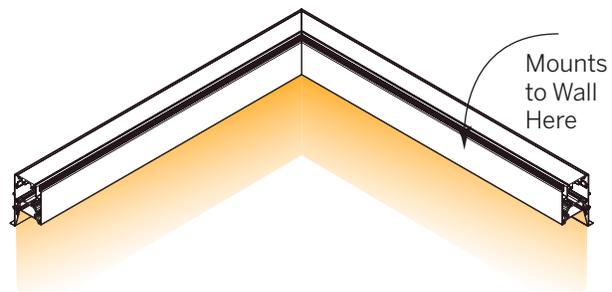
Step 6 - *Joining Units* - *Multi Unit Run only*

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 *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.

d Press Lever fully down to lock.

e Center each Joiner on Housing Joint.

f 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)

Need Help?

Pattern Outside (PO)

60 ProTools Linear

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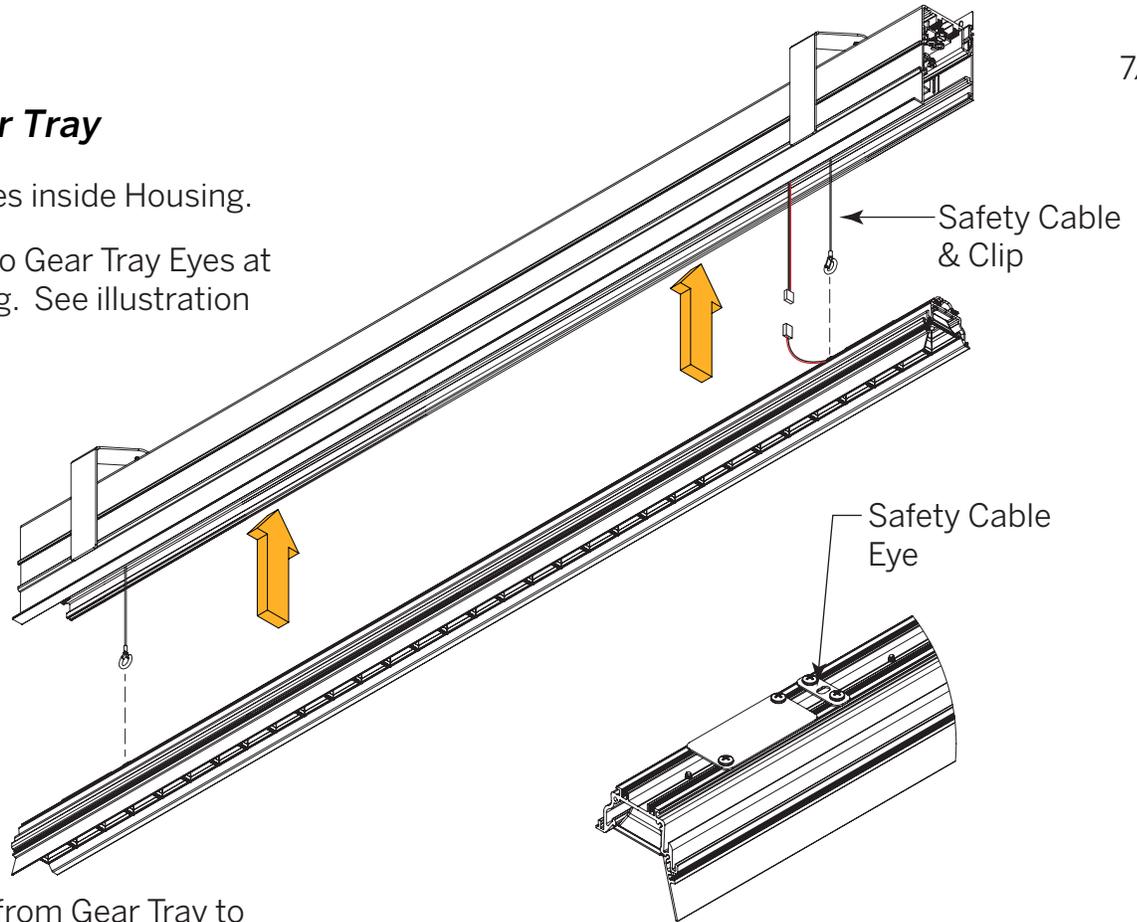WG-60PTLPSG1-RBT
WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT

Perimeter

Recessed Bezel Trim

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.
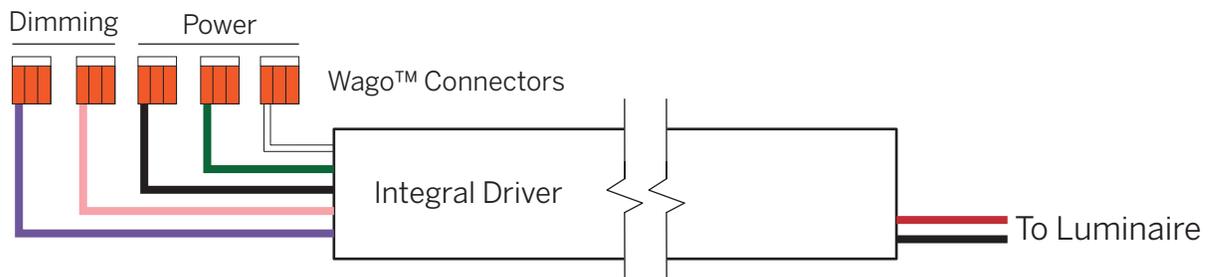
Safety Cable & Clip

Safety Cable Eye

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.

Dimming   Power

Wago™ Connectors

Integral Driver

To Luminaire

Need Help?

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

updated 2.2026

60 ProTools Linear

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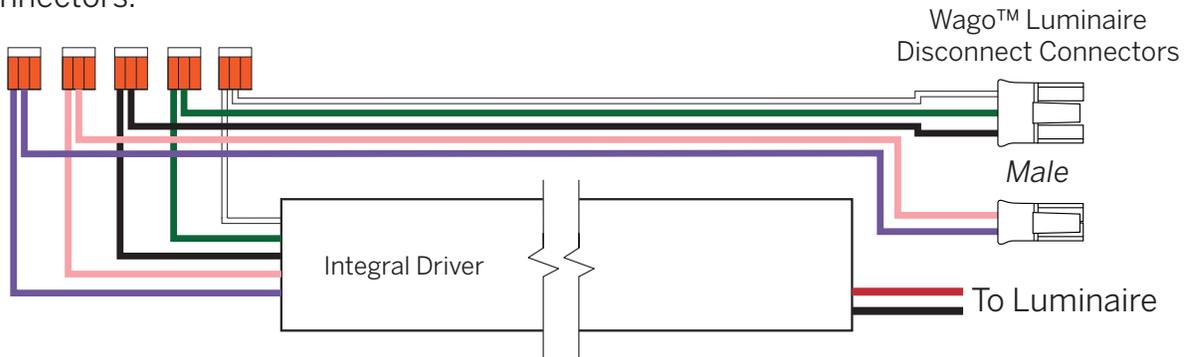WG-60PTLPSG1-RBT
WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT

Downlight

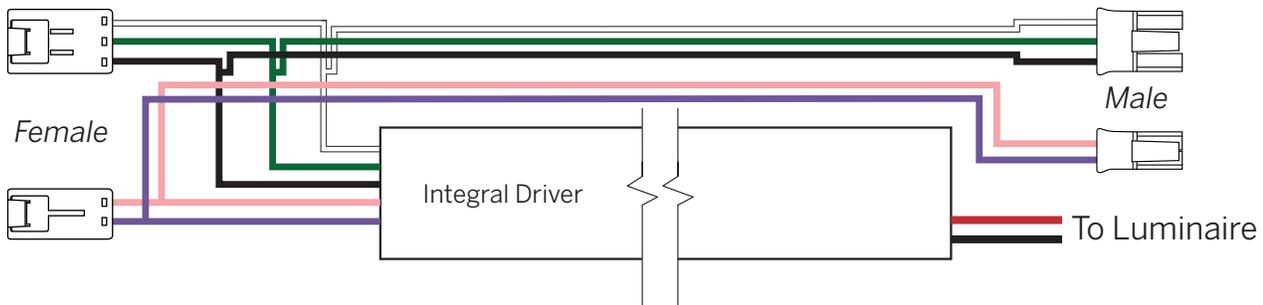Recessed Bezel Trim

8/10

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™ Luminaire Disconnect Connectors.
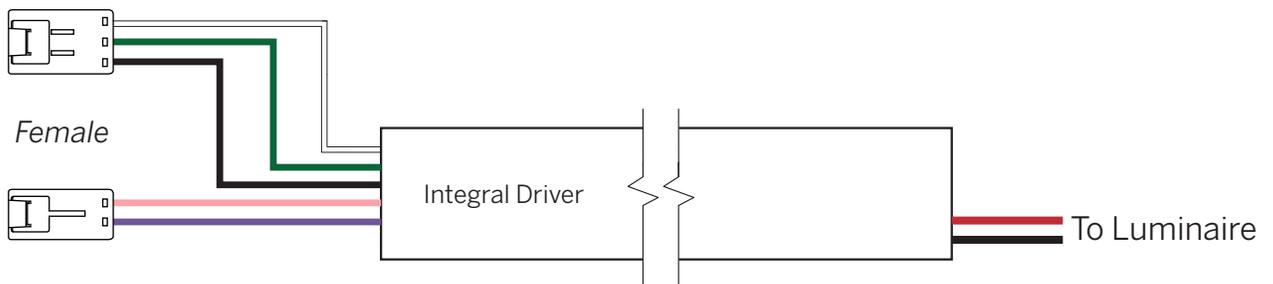

Wago™ Luminaire Disconnect Connectors

Male

Integral Driver

To Luminaire

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.

Male

Female

Integral Driver

To Luminaire

Multi Unit Run - *End Unit*

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

Female

Integral Driver

To Luminaire

Need Help?

60 ProTools Linear

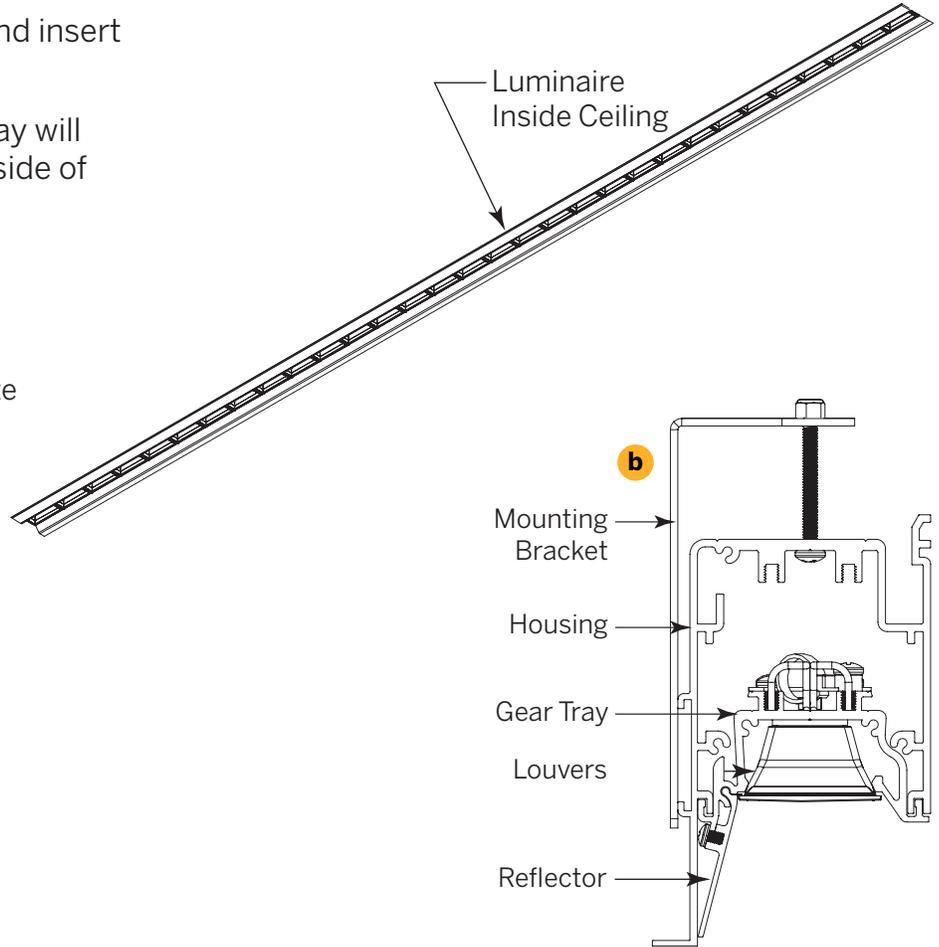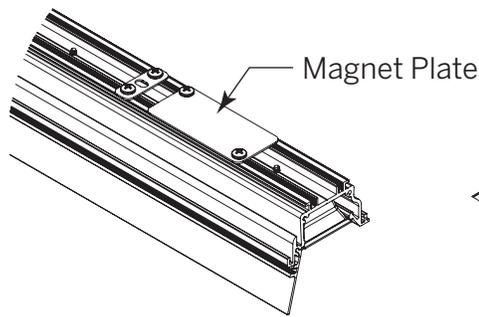WG-60PTLP-RBT
WG-60PTLPSG1-RBT
WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT
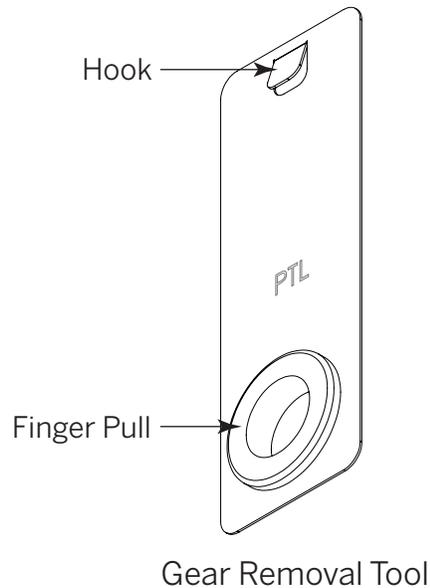
Linear Perimeter

Recessed Bezel Trim

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!

Luminaire Inside Ceiling

Magnet Plate

b

Mounting Bracket

Housing

Gear Tray

Louvers

Reflector

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.

Hook

PTL

Finger Pull

Gear Removal Tool

Need Help?

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

updated 2.2026

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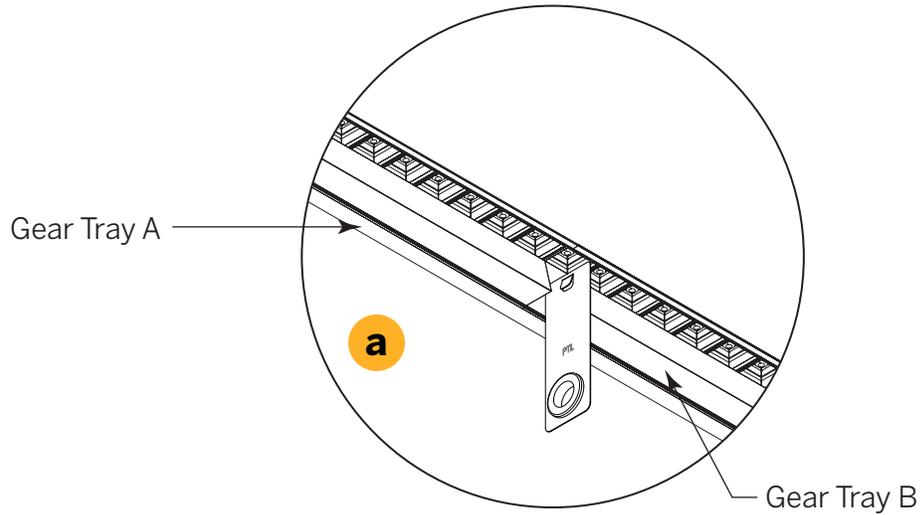
WG-60PTLP-RBT
WG-60PTLPSG1-RBT
WG-60PTLPSG2-RBT
WG-60PTLPSG3-RBT

Perimeter

Recessed Bezel Trim

10/10

Step 11 - *Removing Gear Tray*

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

Gear Tray A

a

Gear Tray B

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.

Gear Tray
Central Channel

Hook

Need Help?

whitegoods

410 381 1497   inter-lux.com   answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

updated 2.2026