

20 Linear

WG-20LRR-RGT9
WG-20LRR-RGT15

Recessed Regressed

Grid Trim

Installation Instructions

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



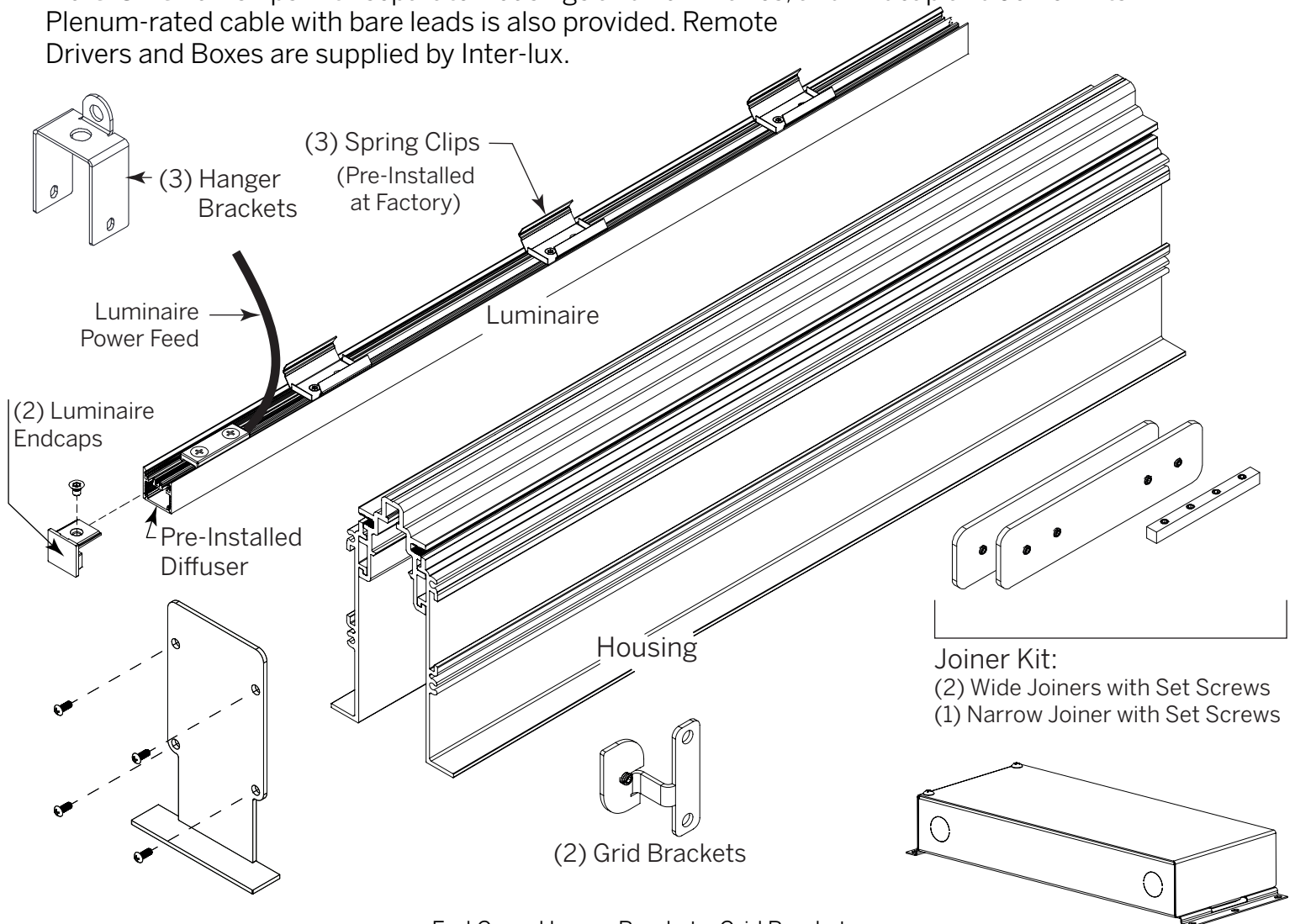
To prevent electrical shock disconnect electrical supply before installation or servicing.

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. A **Stand-Alone Unit** ships in (3) major parts: Housing, Luminaire, and Remote Driver and Box. Luminaire is pre-installed at factory. Endcaps supplied separately. A **Multi Unit Run** ships with separate Housings and Luminaires, and Endcap and Joiner Kits. Plenum-rated cable with bare leads is also provided. Remote Drivers and Boxes are supplied by Inter-lux.



(2) Housing Endcaps

Endcaps supplied in Kits for **Stand Alone Units** and **Multi Unit Runs**

See **Step 7** for Flat Endcap Option

End Caps, Hanger Brackets, Grid Brackets, and Joiner Kits are supplied with mounting screws.

Need Help?

Remote Driver* and Box
(not to scale, generic box shown)

*See Wiring and Driver Pages for actual Remote Driver and Housing Pairings

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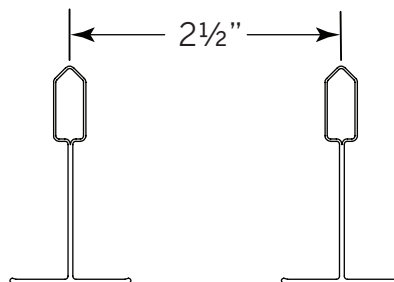
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Grid Trim

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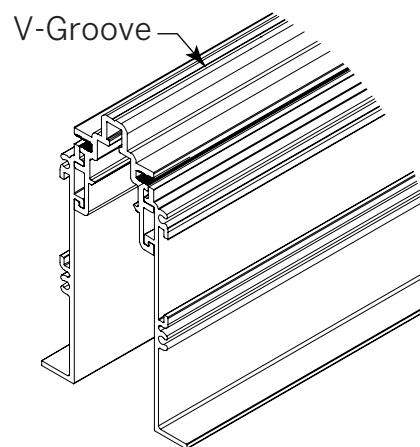
Step 2 - **Confirm Grid Spacing**

When installing a T-Grid ceiling, ensure there is a 2½" spacing between T members for the light fixture housing to fit.



Step 3 - **Drill Power Entry Hole**

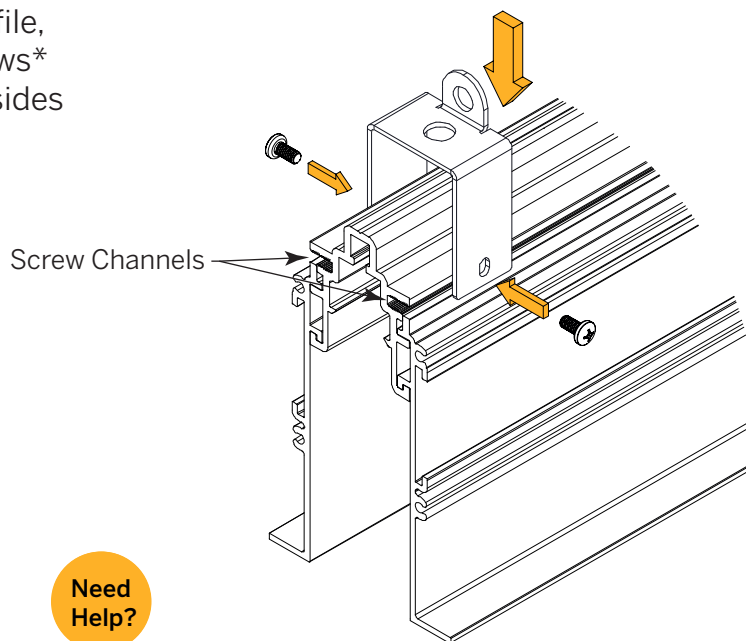
Units with power feeds need a hole drilled to connect luminaire to their respective drivers. Drill ¼" hole in V-Groove closest to Power Feed source.



Step 4 - **Install Hanger Brackets**

- a** To install Hanger Brackets, lower onto profile, as shown at right. Insert (2) supplied screws* into the Screw Channels on right and left sides of Housing.
- b** Mechanically fasten Hanger Brackets to Structure with Hanging Wire or suspension rods (supplied by others).

*Screw size: M3 x 6mm, Extra Wide Truss Head



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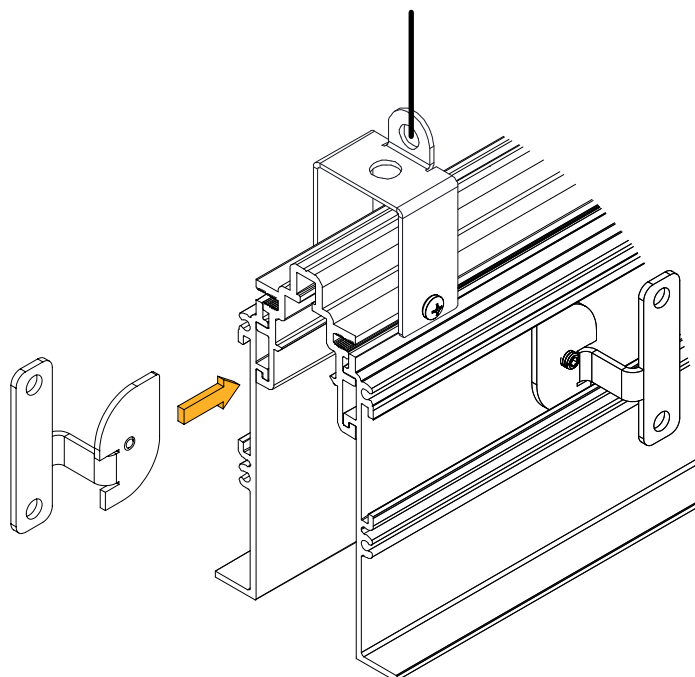
Grid Trim

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Step 5 - *Install Grid Brackets*

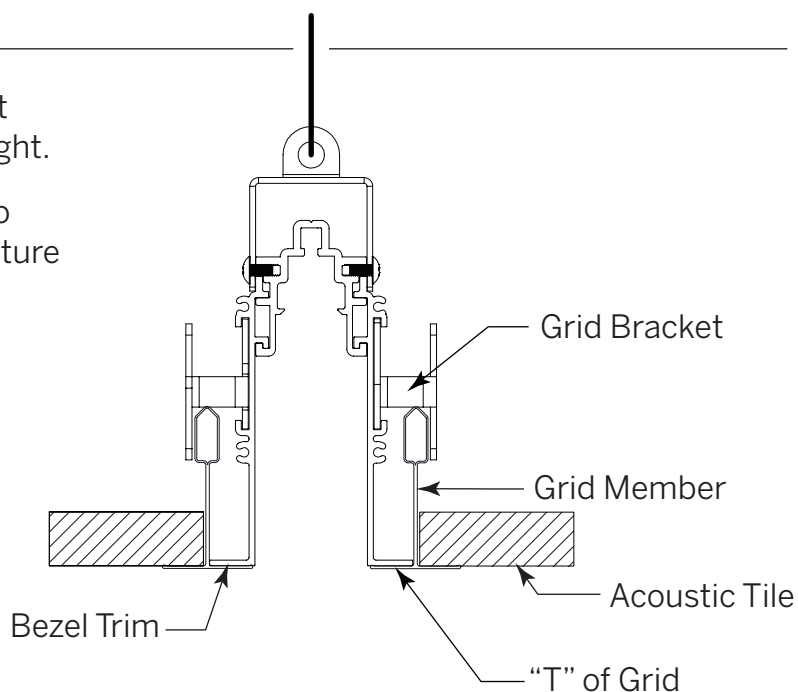
- a** Slide Grid Brackets into slots on right and left outer walls of Housing. If installing a **Multi Unit Run**, slide Brackets at least 3" from end of Unit.
- b** Secure Bracket in slot using supplied M4 x 4mm, Cup Point Set Screw.

NOTE: (2) Grid Mounting Clips are supplied per 2' length



Step 6 - *Position Housing*

- a** Lower Housing onto Grid member, such that Bezel Trim rests on flat of "T", as shown at right.
- b** Secure Hanging Wire (supplied by others) to Hanger Bracket. Secure Hanging Wire + Fixture to upper structure.



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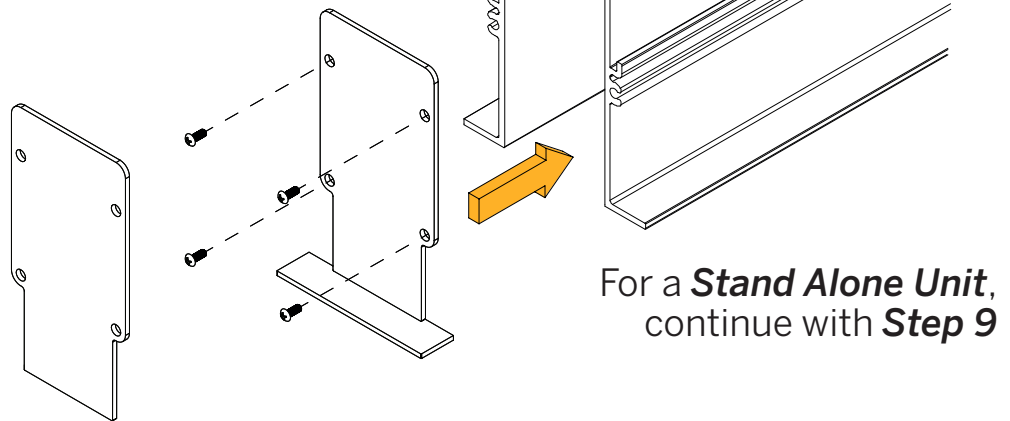
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Step 7 - *Install End Caps*

- a** Mount End Cap on first unit in run, as shown at right.
- b** Repeat for last unit in Run.

Each Endcap Kit supplied with (4) #4-40 x 1/4" screws

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



Step 8 - *Install Joiners* - Mult Unit Run only

Each pair of adjacent units are joined using a Joiner Kit consisting of:

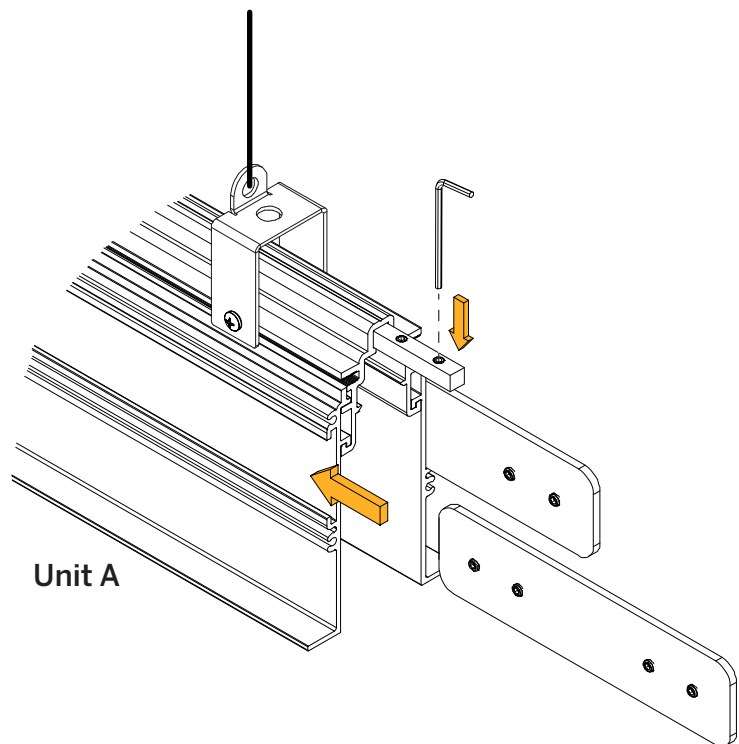
- (2) *Wide Joiners* each supplied with (4) M4 x4mm Set Screws
- (1) *Narrow Joiner* supplied with (4) M3 x 5mm Set Screws

- a** Slide *Wide Joiners* into channels on right and left outer walls of Housing.

Slide *Narrow Joiners* into channels on right and left bottom flanges of Housing.

Insert each approximately half-way. See illustration at right.

- b** Tighten corresponding Set Screws. Do not overtighten.



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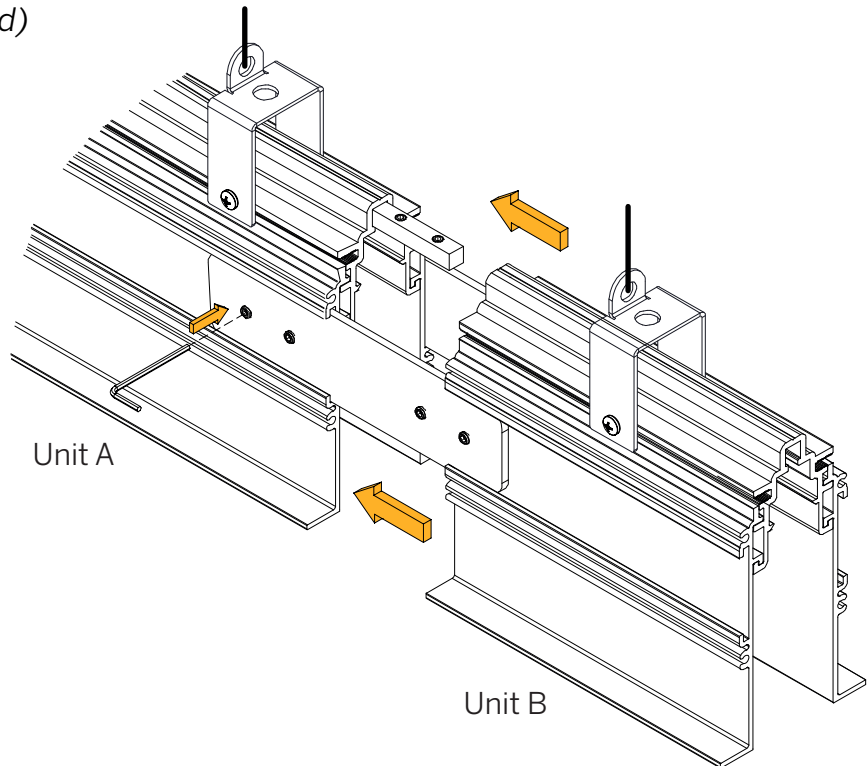
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Step 8 - **Install Joiners** (continued)

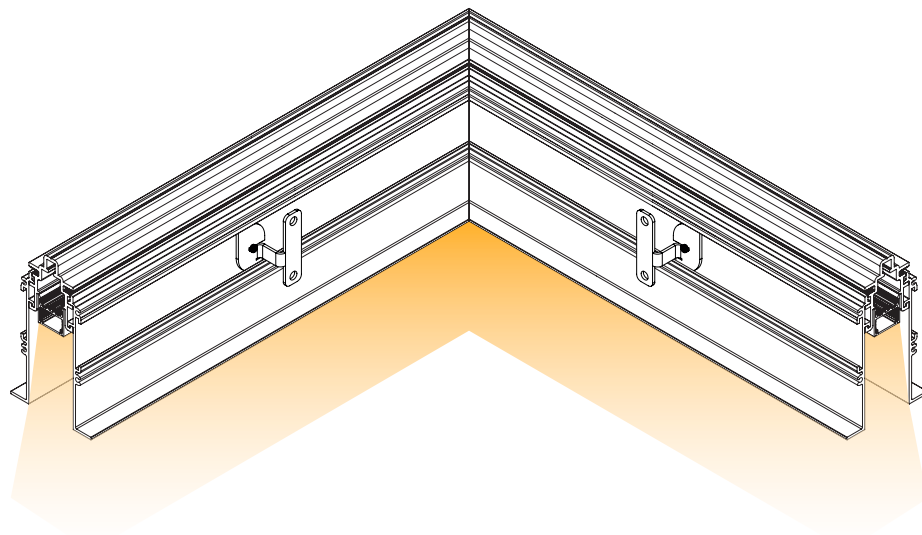
- c** Insert exposed Joiners on Unit A into mating channels on Unit B.
- d** Draw units A and B close and tight. Tighten corresponding pairs of Set Screws. Do not overtighten.



Step 9 - **Install Corners** - Multi Unit Run only

The Pattern Corner is welded at the factory. Follow **Step 8** to join to existing Run. Illustration of light output shows direction only, and is not indicative of actual color, intensity, or spread.

Pattern Corner 90°



NOTE: Grid brackets on back side of Corner not seen in this view.

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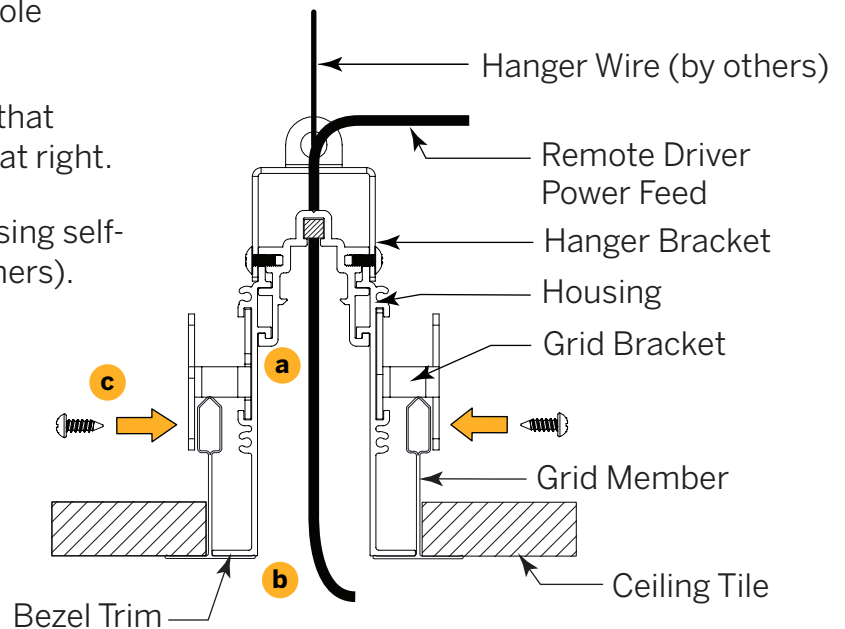
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Step 10 - *Install Housing*

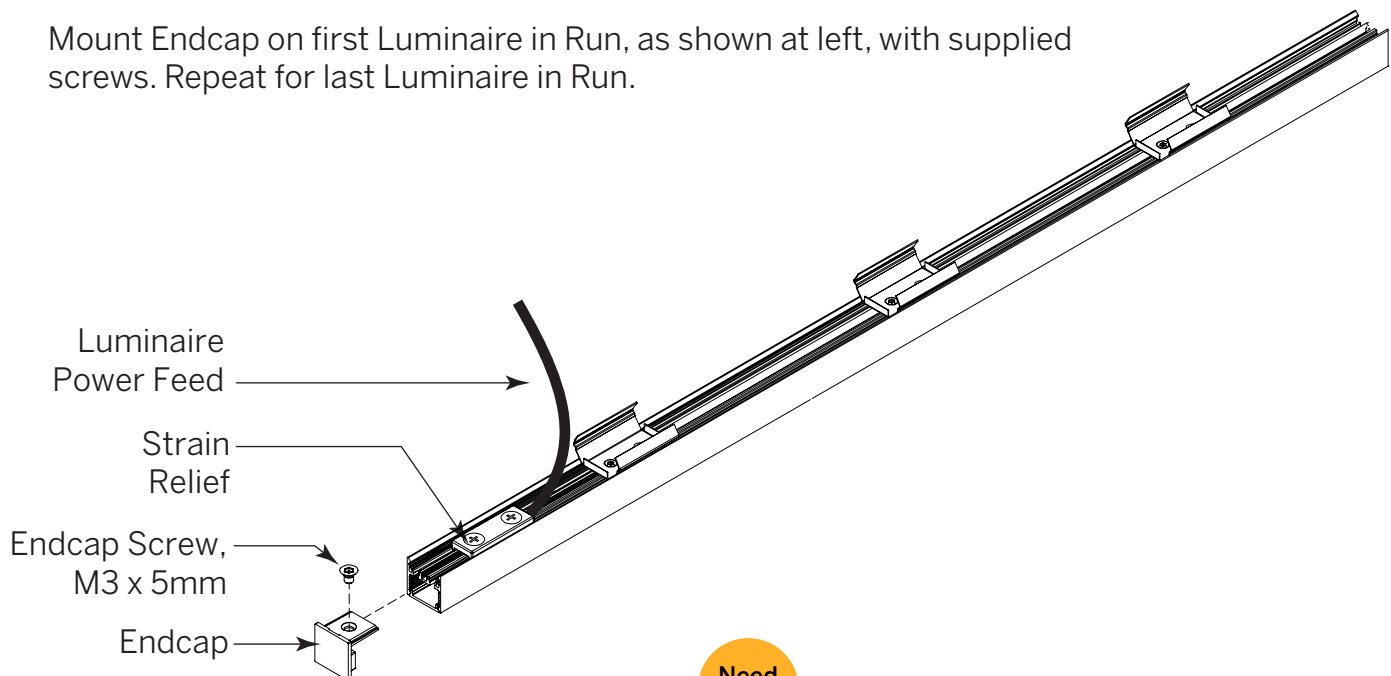
- a** Pull Remote Driver Power Feed through hole drilled in Housing in **Step 3**.
- b** Lower Housing onto Grid member, such that Bezel Trim rests on flats of "T", as shown at right.
- c** Fasten Grid Brackets to Grid Members using self-tapping machine screws (supplied by others).



For **Stand Alone Unit**,
skip to **Step 12**

Step 11 - *Assemble Luminaire* - Multi Unit Run only

Mount Endcap on first Luminaire in Run, as shown at left, with supplied screws. Repeat for last Luminaire in Run.



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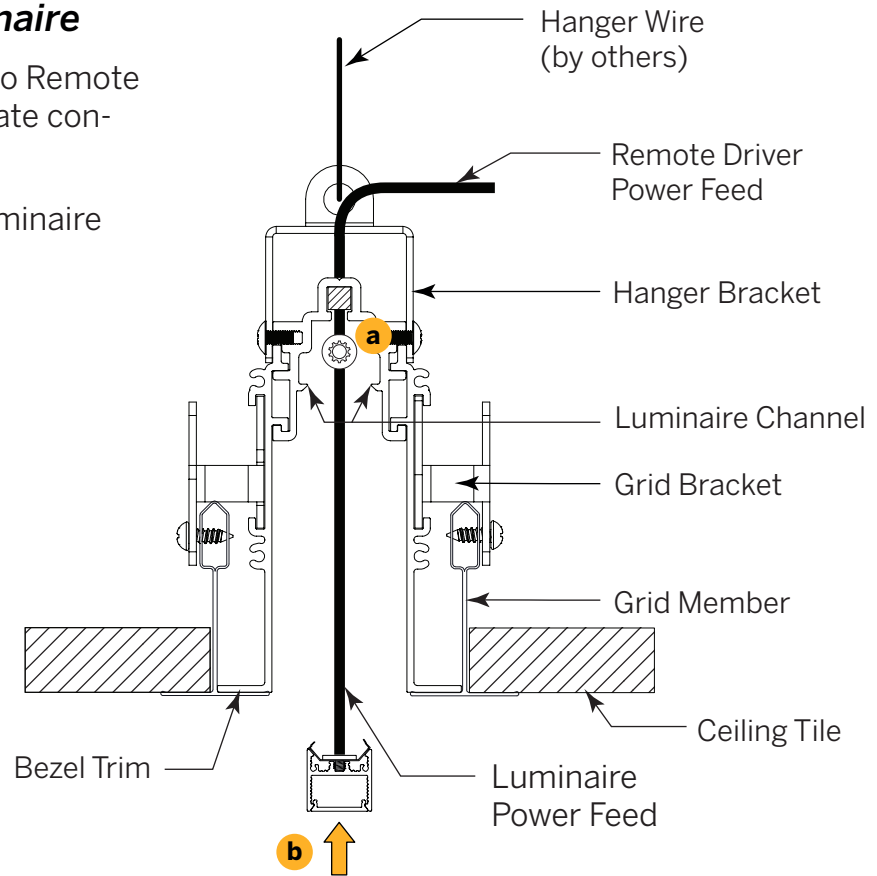
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Step 12 - *Insert & Wire Luminaire*

- a** Connect Luminaire Power Feed to Remote Driver Power Feed with appropriate connectors (by others).
- b** Press and clip Luminaire into Luminaire Channel.
- c** Energize!



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