

## 20 Linear

WG-20LPRSG-RGT9  
WG-20LPRSG-RGT15

## Perimeter Regressed

Recessed Grid Trim  
Soft Graze

# Installation Instructions

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

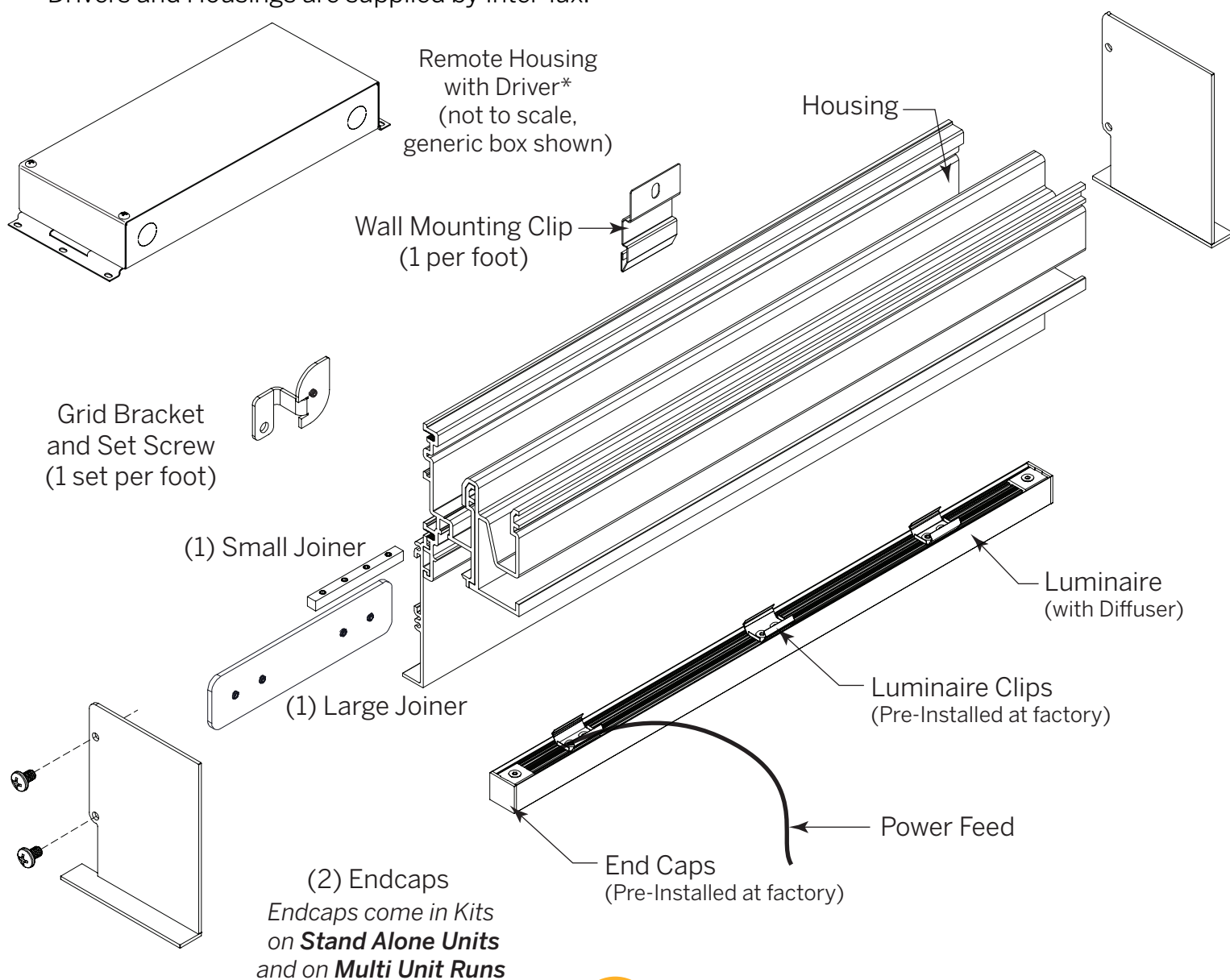


To prevent electrical shock disconnect electrical supply before installation or servicing.  
**Never connect a live fixture!!!**

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 (3) major parts: Housing, Luminaire with Diffuser, and Remote Housing with Driver. Plenum-rated cable with bare leads is also provided. Remote Drivers and Housings are supplied by Inter-lux.



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

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### Step 2 - **Installation Prep**

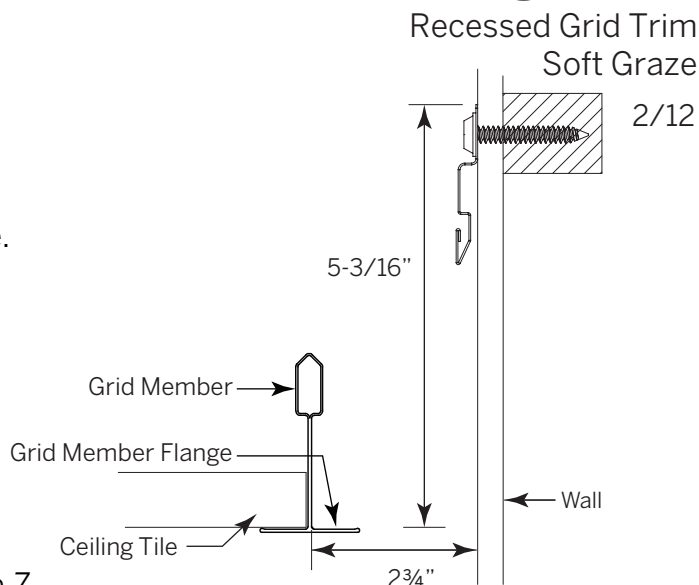
Allow an opening of  $2\frac{3}{4}$ " between Wall and Ceiling Tile.

### Step 3 - **Install Wall Mounting Clips**

#### **IMPORTANT:**

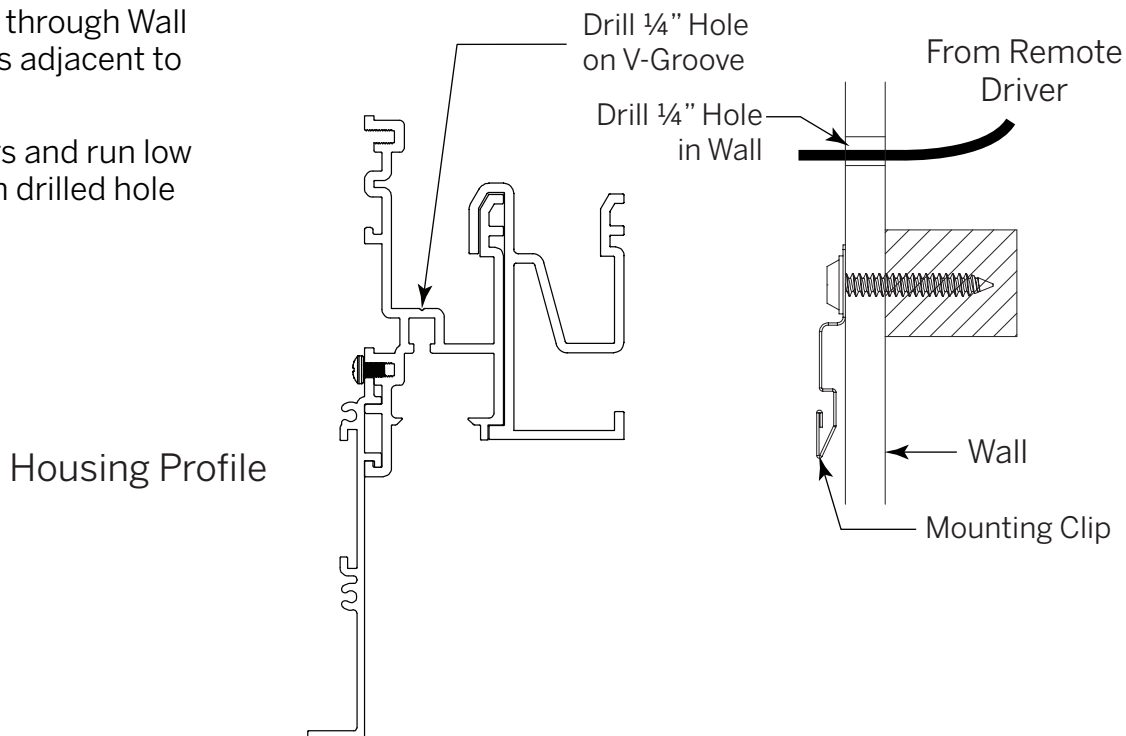
If Grid Ceiling **is already** in place, skip to **Step 12, Page 7**.

If Grid Ceiling **is not** yet in place, mark wall  $5\frac{3}{16}$ " above planned location of Grid Member Flange. Screws and anchors supplied by others. Blocking recommended to support weight of fixture ( $1\frac{1}{2}$  lbs/ft.). Locate clips no less than 3" from each end of fixture.



### Step 4 - **Drill Power Feed Holes** - No Grid in Place

- a** Determine on which end of Luminaire Power Feed will enter on Housing and mark location at least 3" from end. Drill  $\frac{1}{4}$ " hole at mark on V-Groove.
- b** Drill another  $\frac{1}{4}$ " hole through Wall above Mounting Clips adjacent to hole in Housing.
- c** Install Remote Drivers and run low voltage wires through drilled hole in Wall.



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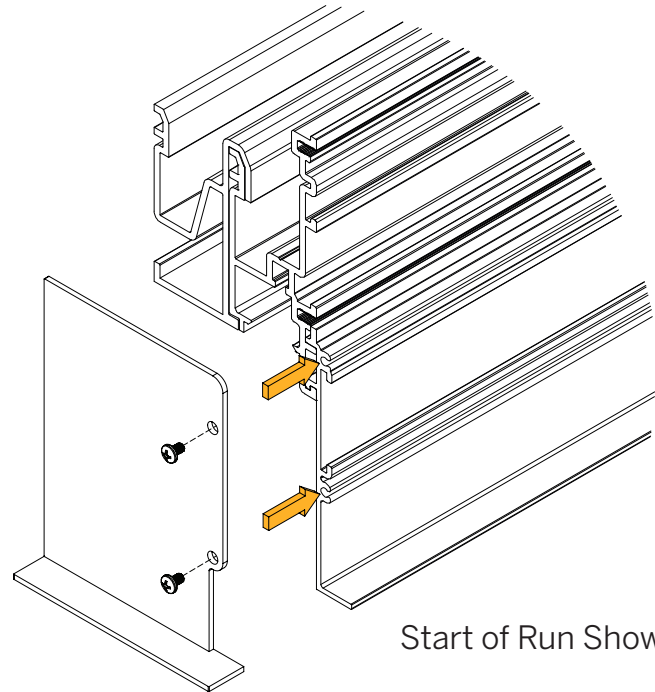
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### Step 5 - **Install Endcaps** - No Grid in Place

Attach Endcaps to both ends of Stand Alone Housing Units or at beginning and end of Multi Unit Run. Align holes with round channels indicated at right. Fasten with supplied screws.



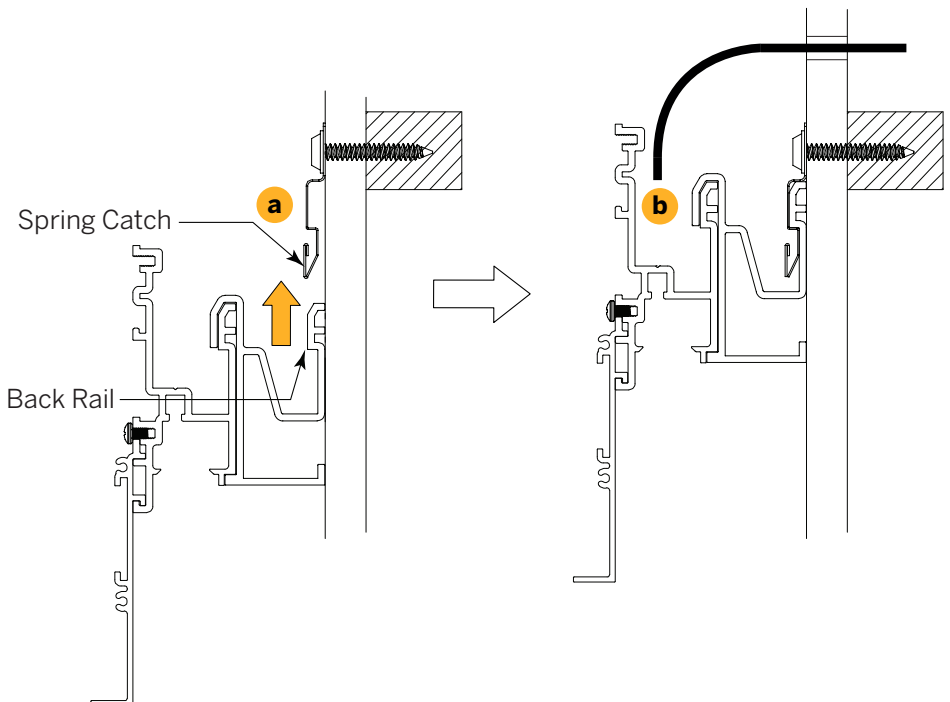
**NOTE:** End Caps may be omitted from a wall-to-wall installation.

### Step 6 - **Install Housing** - No Grid in Place

- a** Slide Housing upward such that Back Rail slides up and underneath Mounting Clip.

For a Multi Unit Run, slide Starting Unit **only** up and under Mounting Clip, as above.

- b** Pull Low Voltage wire from Wall and into Feed Hole in Housing (if applicable).



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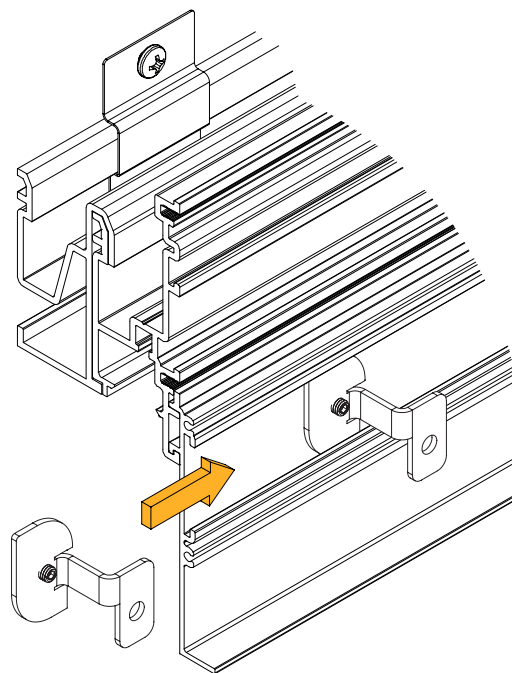
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### Step 7 - **Install Grid Brackets** - No Grid in Place

- a** Working above ceiling, slide Grid Brackets into major channel on outer face of Housing such that Tab overhangs Grid Member.
- b** Space Brackets equally from each end, at least 2½" to allow room for Joiners (in Multi Unit Run).
- c** Secure each Grid Bracket with supplied Set Screw.



#### NOTE:

Grid Bracket uses (1) M4 x 4mm Set Screw

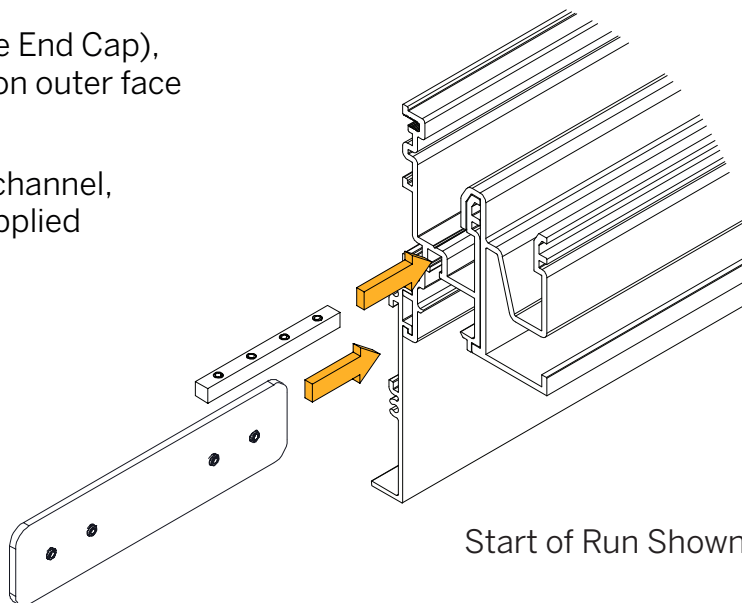
### Step 8 - **Install Joiners** - Multi Unit Run only; No Grid in Place

- a** On the Starting Unit on the open end (opposite End Cap), slide Large Joiner halfway into major channel on outer face of Housing. Fasten with supplied Set Screws.
- b** Slide Small Joiner halfway into center square channel, as shown at right. Fasten *from bottom* with supplied Set Screws.

#### NOTE:

Large Joiner uses (4) M4 x 4mm Set Screws

Small Joiner uses (4) M3 x 5mm Set Screws



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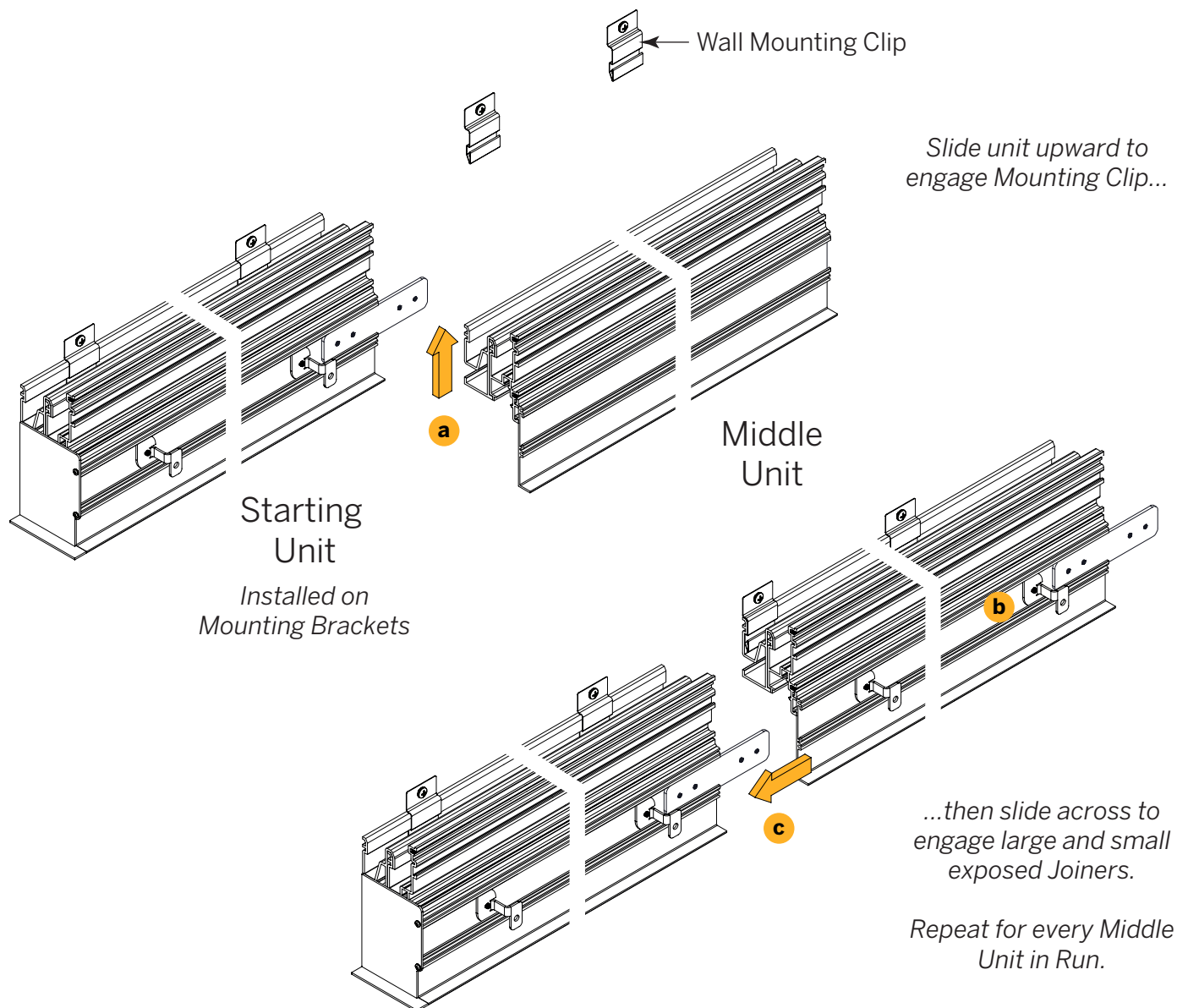
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Soft Graze

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### Step 9 - **Joining Housings** - Multi Unit Run only; No Grid in Place

*For Each Middle Unit and End Unit:*

- a** Repeat Step 6, slide Housing up and under Wall Mounting Clips.
- b** Repeat Steps 7 and 8 to install Grid Brackets and Joiners.
- c** Slide Housing over to join with previous unit.



**NOTE:** Small Joiner not seen in this view.

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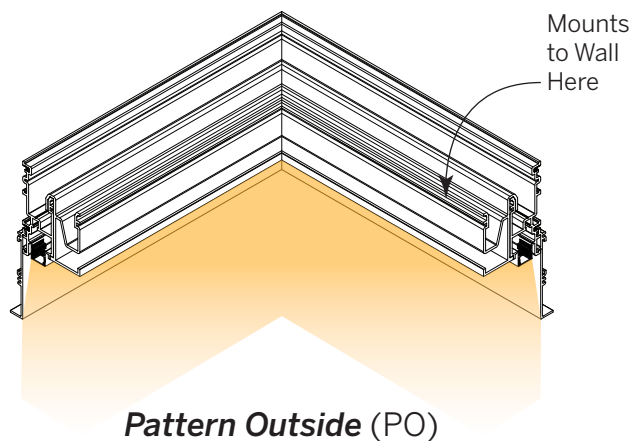
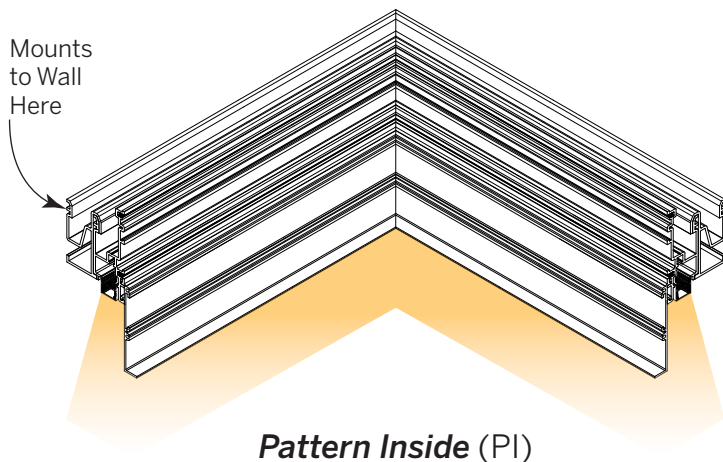
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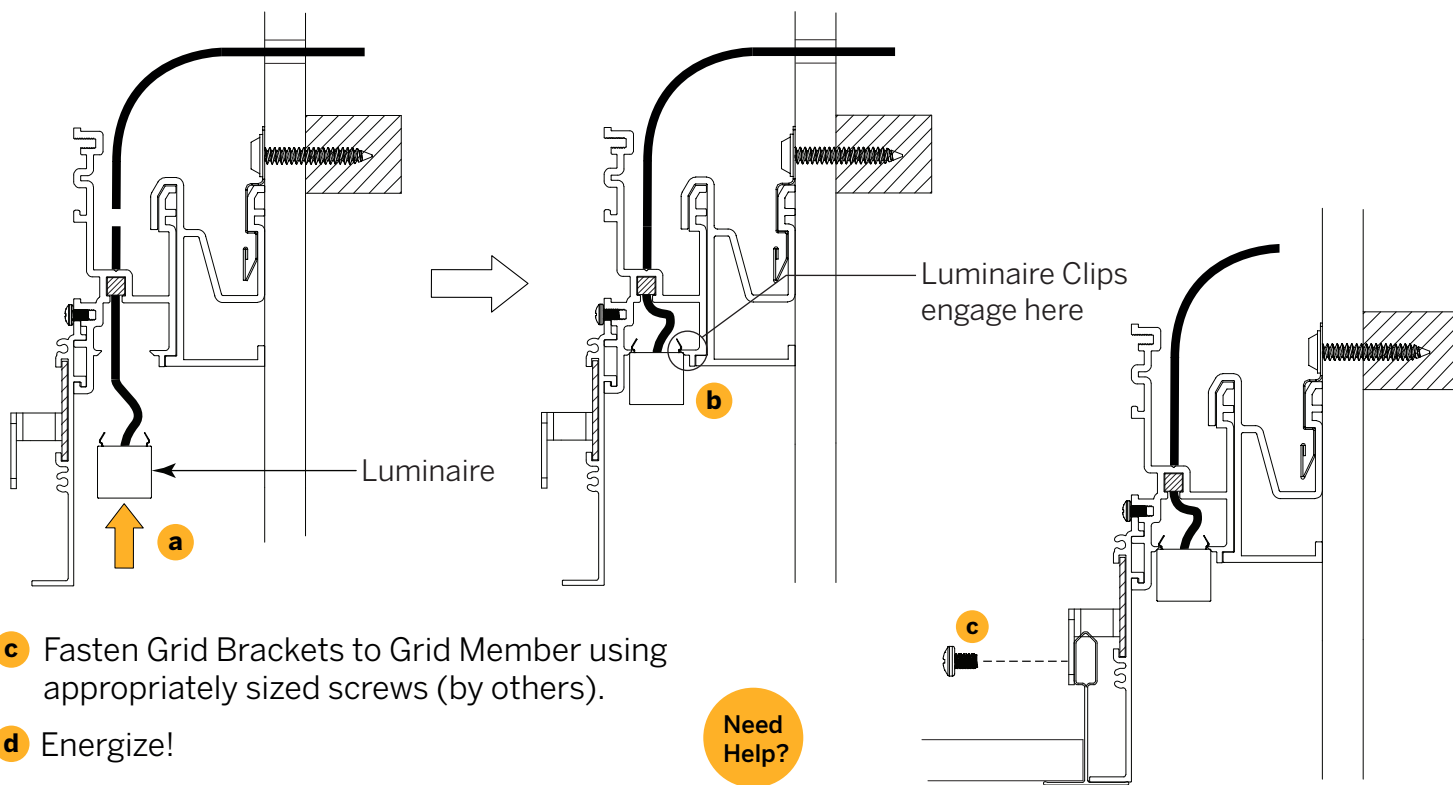
### Step 10 - **Corners** - Multi Unit Run only; No Grid in Place

Pattern Inside and Pattern Outside Corners are welded at the factory. Follow **Step 9** to mount to existing Run. Illustration of light output shows direction only, and is not indicative of color, intensity, or actual spread.



### Step 11 - **Install Luminaire(s)** - No Grid in Place

- Raise Luminaire up into Housing. Connect Low Voltage Wires from Luminaire to those coming from Remote Driver using appropriate connectors (by others).
- Push Luminaire into Housing until Luminaire Clips engage.



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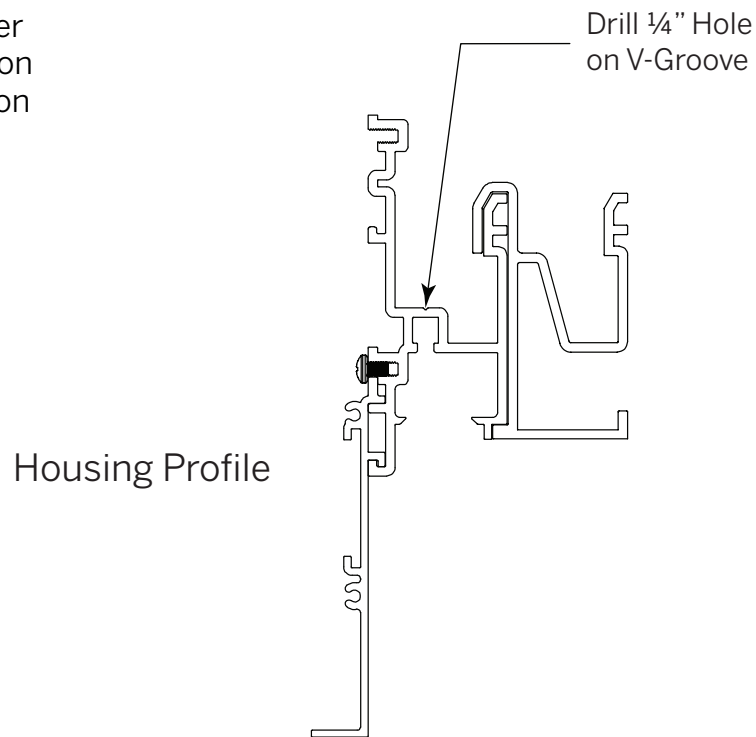
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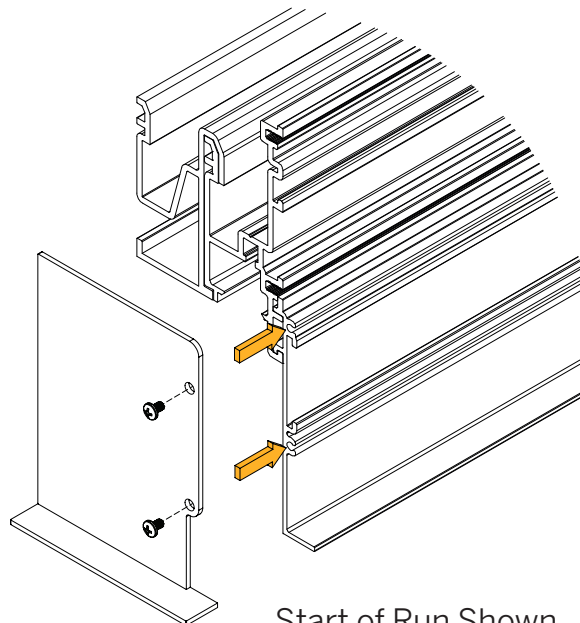
### Step 12 - **Drill Power Feed Holes** - Stand Alone or Multi Unit; Grid in Place

Determine on which end of Luminaire Power Feed will enter on Housing and mark location at least 3" from end. Drill  $\frac{1}{4}$ " hole at mark on V-Groove.



### Step 13 - **Install Endcaps** - Grid in Place

Attach Endcaps to both ends of Stand Alone Housing Units or at beginning and end of Multi Unit Run. Align holes with round channels indicated at right. Fasten with supplied screws.



**NOTE:** End Caps may be omitted from a wall-to-wall installation.

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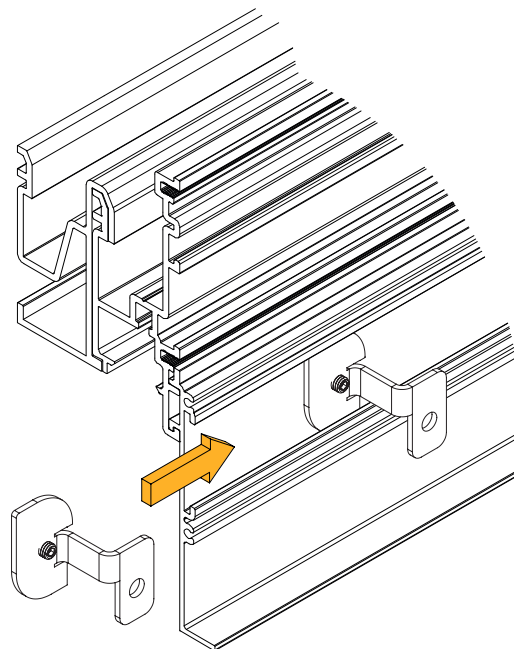
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Soft Graze

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### Step 14 - **Install Grid Brackets** - *No Grid in Place*

- a** Working above ceiling, slide Grid Brackets into major channel on outer face of Housing such that Tab overhangs Grid Member.
- b** Space Brackets equally from each end, at least 2½" to allow room for Joiners (in Multi Unit Run).
- c** Secure each Grid Bracket with supplied Set Screw.



#### NOTE:

Grid Bracket uses (1) M4 x 4mm Set Screw

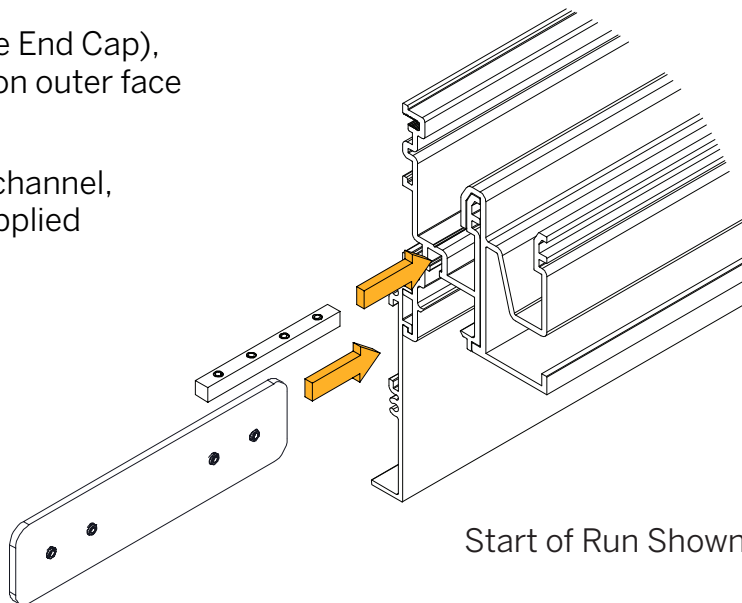
### Step 15 - **Install Joiners** - *Multi Unit Run only; Grid in Place*

- a** On the Starting Unit on the open end (opposite End Cap), slide Large Joiner halfway into major channel on outer face of Housing. Fasten with supplied Set Screws.
- b** Slide Small Joiner halfway into center square channel, as shown at right. Fasten *from bottom* with supplied Set Screws.

#### NOTE:

Large Joiner uses (4) M4 x 4mm Set Screws

Small Joiner uses (4) M3 x 5mm Set Screws



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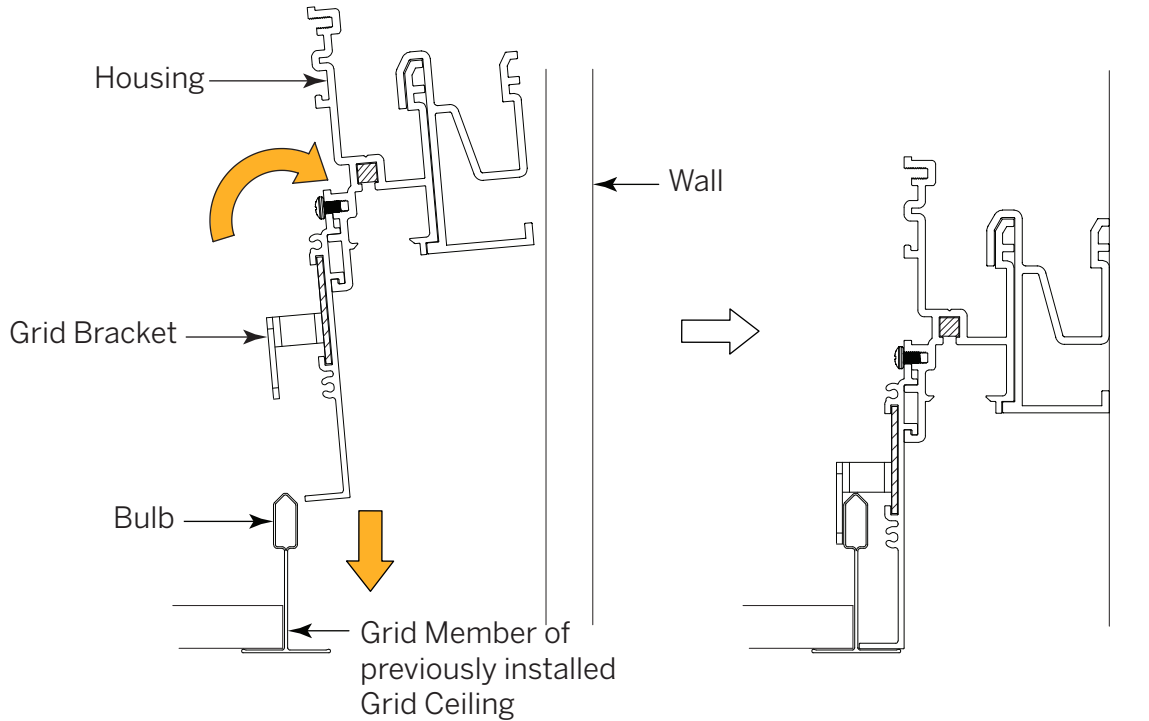
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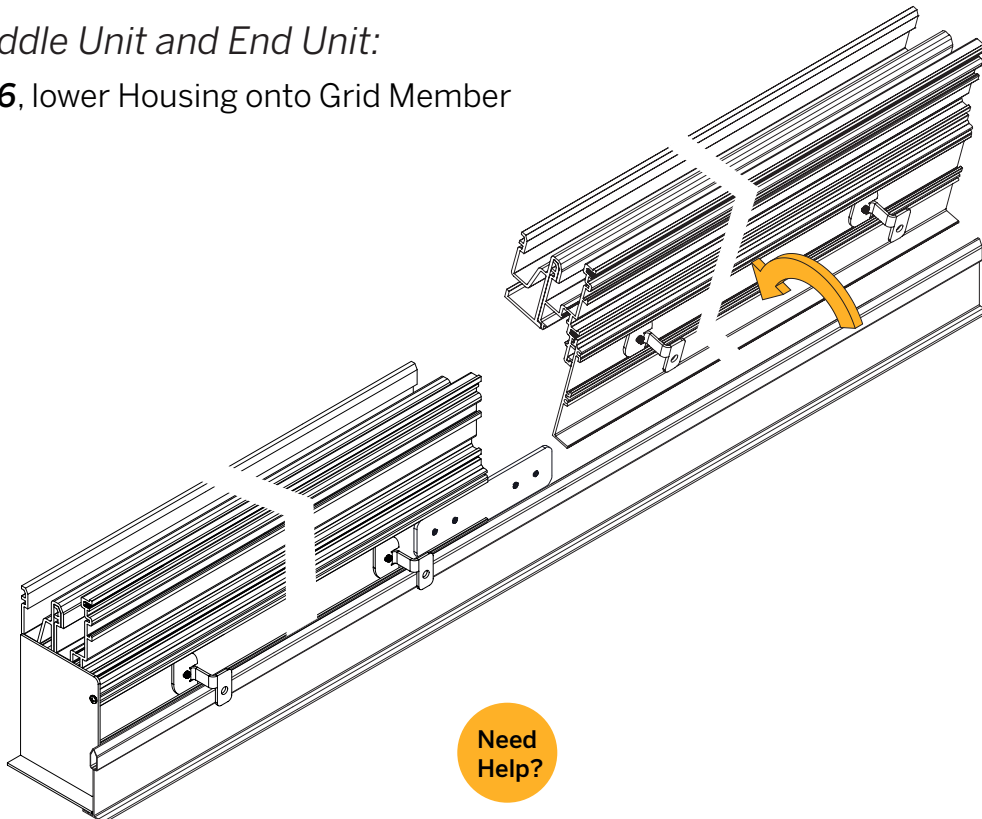
### Step 16 - **Install Housing** - Grid in Place



### Step 17 - **Joining Housings** - Multi Unit Run only; Grid in Place

*For Each Middle Unit and End Unit:*

- a** Repeat **Step 16**, lower Housing onto Grid Member



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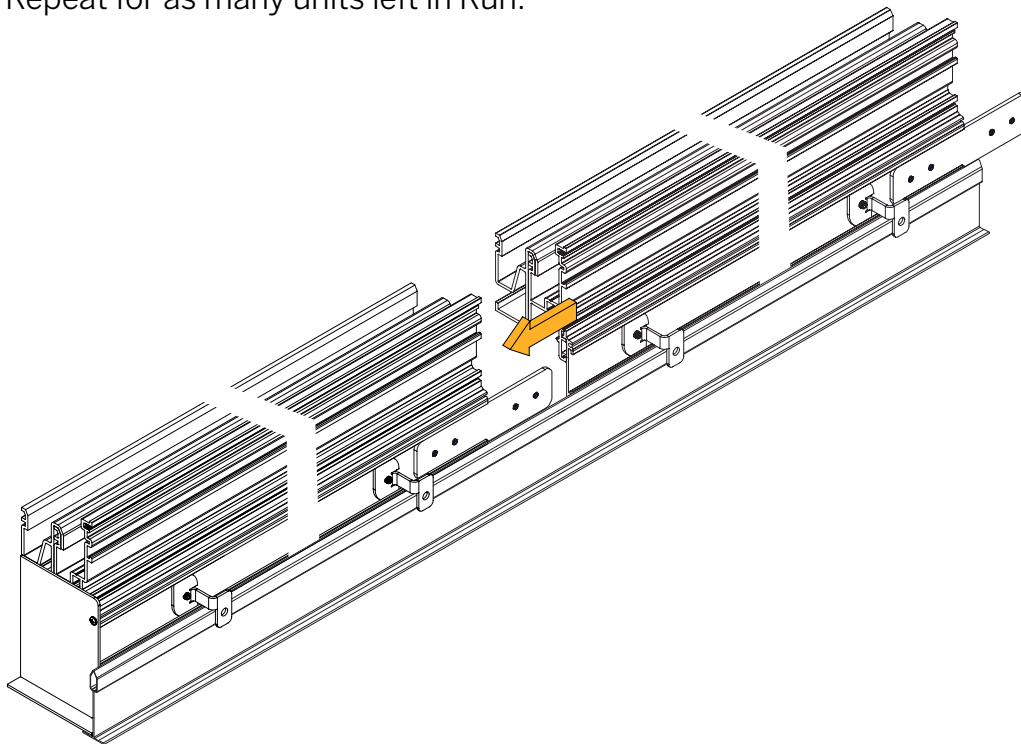
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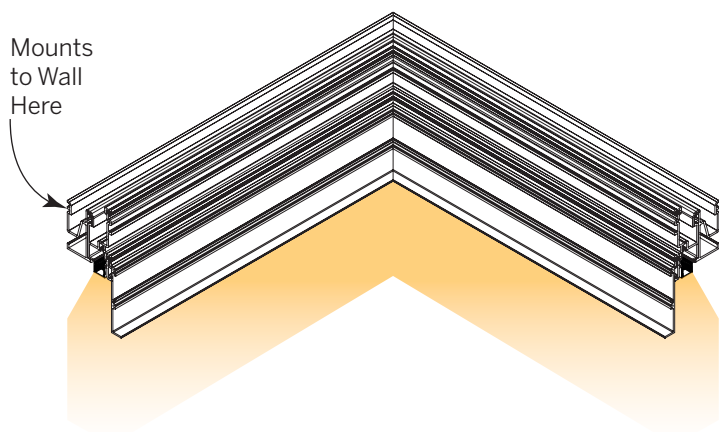
### Step 17 - **Joining Housings** - Multi Unit Run only; Grid in Place (continued)

- b** Slide Middle Unit over to engage Large and Small Joiners. Tighten Set Screws to fasten. Repeat for as many units left in Run.

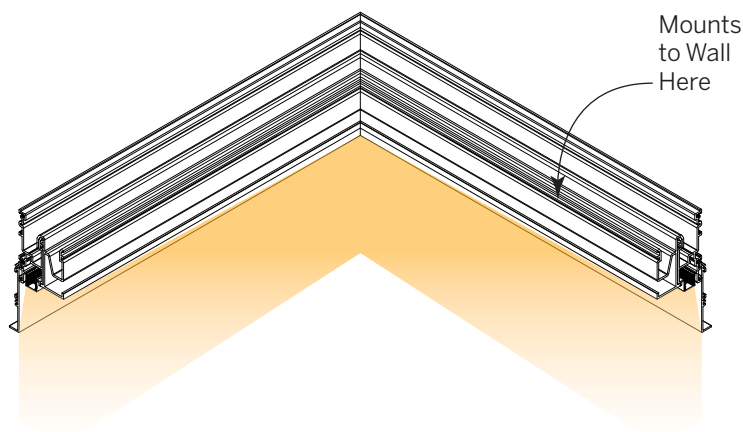


### Step 18 - **Corners** - Multi Unit Run only; Grid in Place

Pattern Inside and Pattern Outside Corners are welded at the factory. Follow **Steps 16 & 17** to mount to existing Run. 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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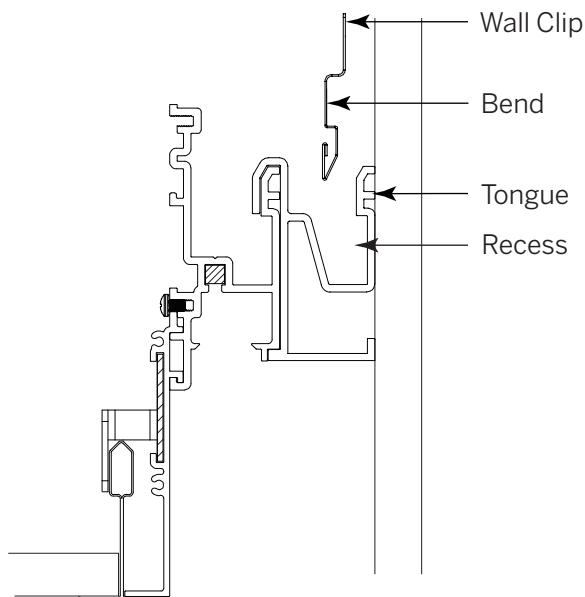
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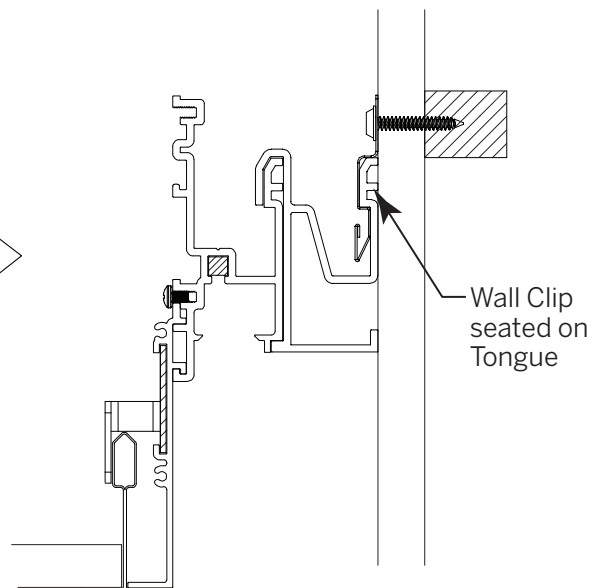
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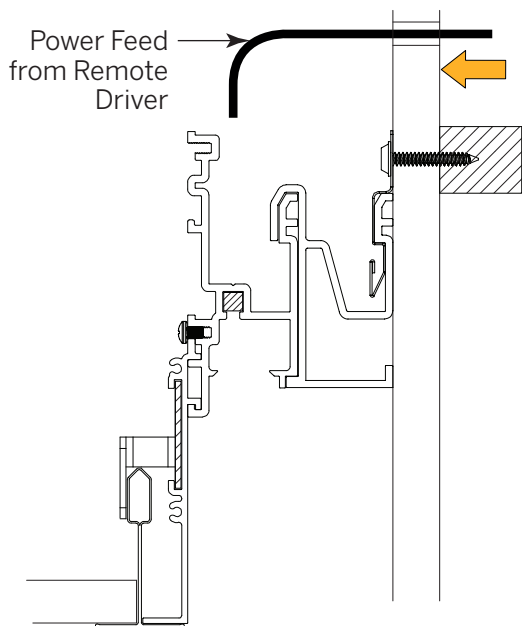
### Step 19 - *Install Luminaire(s) - Grid in Place*



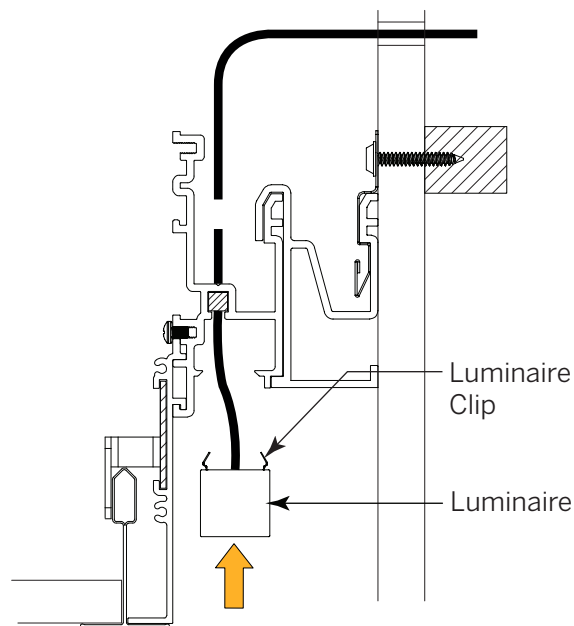
- a** Square Housing against Wall. Lower Wall Clip into Recess closest to Wall as shown. Place rectilinear bend of Clip over Tongue at rear of Housing.



- b** Mark for screw/anchor (by others). Blocking recommended to support weight of fixture (1½ lbs/ft.). Locate clips no less than 3" from each end of fixture.



- c** Drill hole in Wall above Wall Clip adjacent to hole drilled for Luminaire Power Feed. Pull wire from Remote Driver through this hole.



- d** Raise Luminaire and feed Power Cable through drilled hole in Housing.

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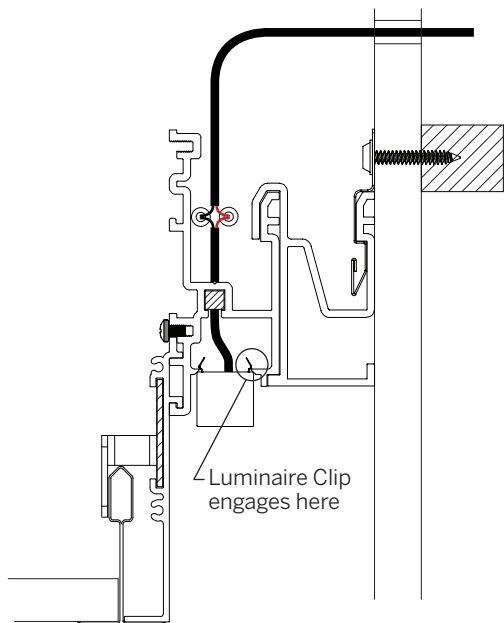
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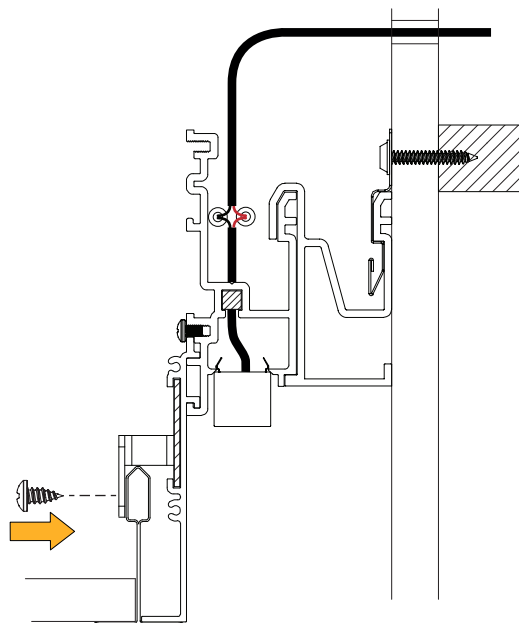
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### Step 19 - **Install Luminaire(s)** - Grid in Place (continued)



- e** Push Luminaire up. Clips will seat with a "click." Connect Power Cables with appropriate connectors (by others).



- f** Fasten Gear Brackets to Grid Members with appropriately sized screws (by others).
- g** Energize!

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