

20 Linear Mini Edgeless Cove

WG-20MEC-RPT

Installation Instructions

Cove
Recessed Plaster Trim

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

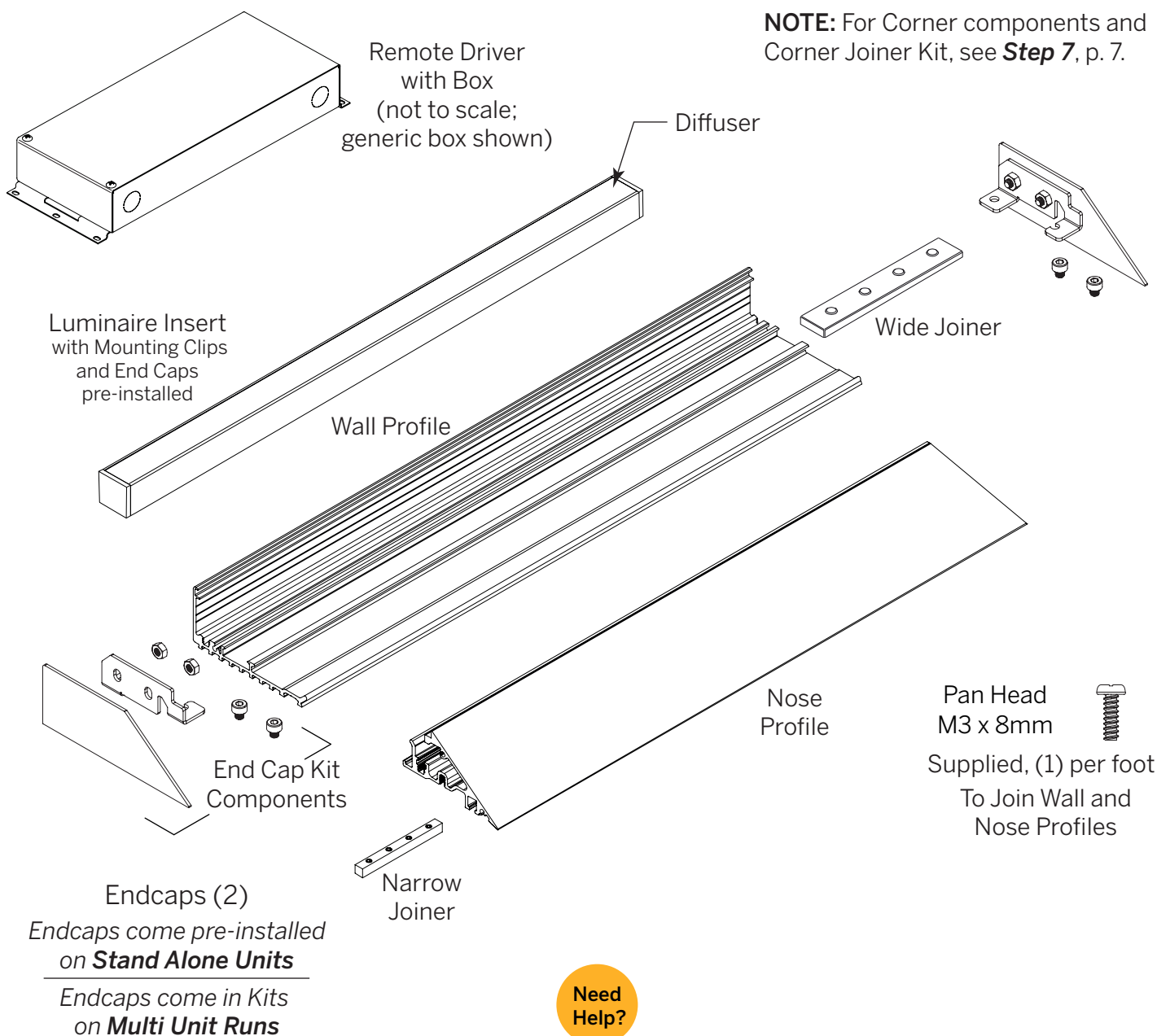


To prevent electrical shock
disconnect electrical supply
before installation or servicing.
Never connect a live fixture!!!

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 (4) major parts: Wall Profile, Nose Profile, Luminaire with Diffuser, and Remote Driver with Box. Plenum-rated cable with bare leads is also provided. Remote Drivers and Boxes are supplied by Inter-lux.



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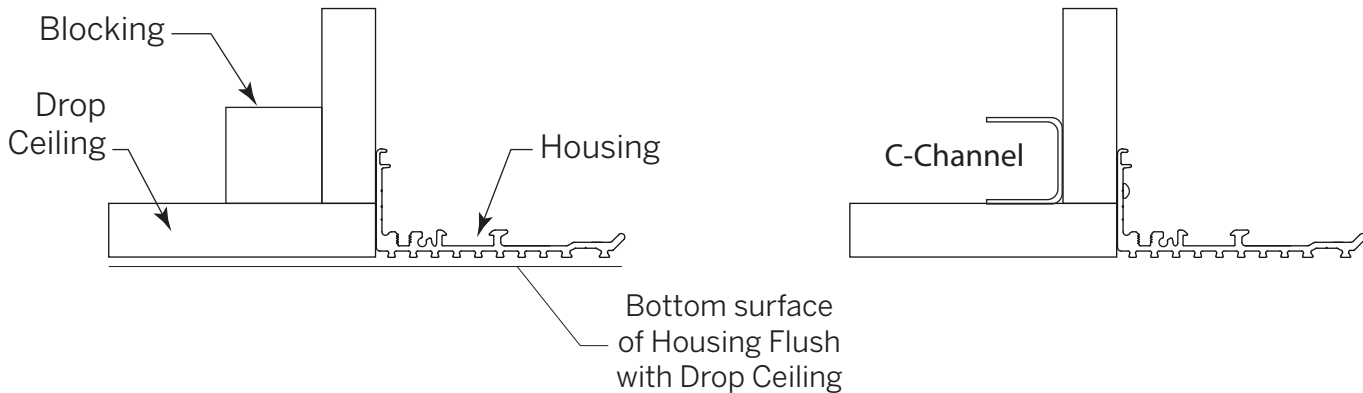
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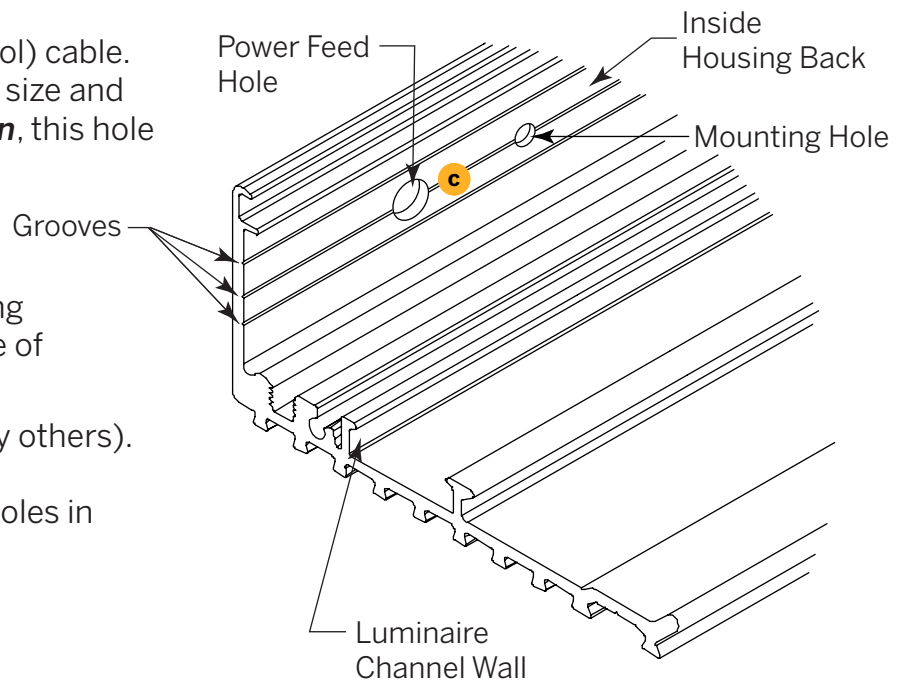
Step 2 - Surface Prep

We recommend installing blocking behind vertical surface of Drop Ceiling for extra support, whether wood or a metal C-channel.



Step 3 - Wall Profile Prep

- a** Drill a Feed hole for power (and control) cable. Contractor to determine appropriate size and location on fixture. In a **Multi Unit Run**, this hole should be located in first unit in run.
- b** Position Wall Profile such that bottom surface is flush with ceiling, as shown above. Drill mounting holes along the most appropriate one of (3) Grooves on Inside Housing Back. Size holes for screws and anchors (by others).
- c** For a **Multi Unit Run**, drill mounting holes in subsequent units in a like manner.



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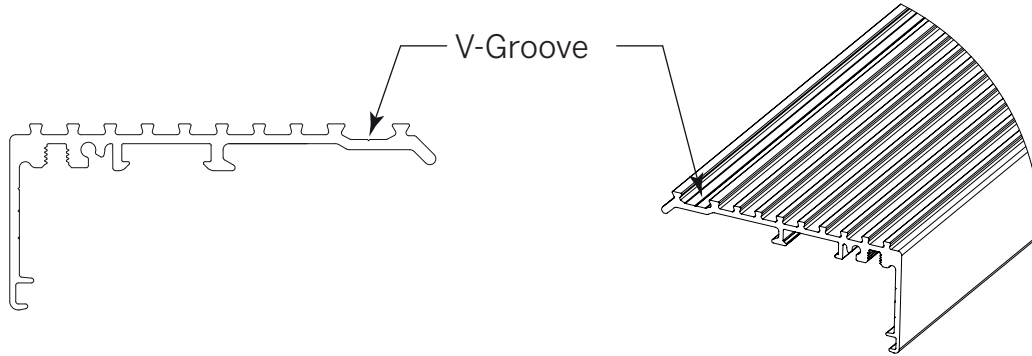
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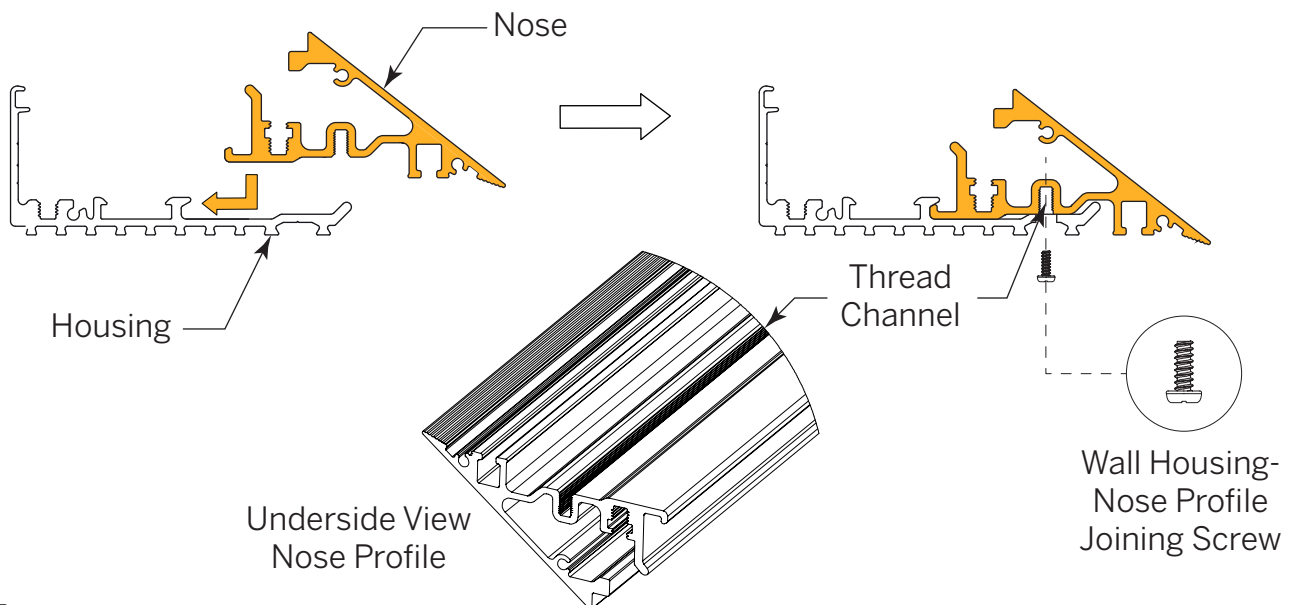
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Step 4 - **Mounting Nose Profile on Wall Profile** - Multi Unit Runs only

- a** At the bottom front edge of the Wall Profile, there is a channel with a small V-groove. On this groove, drill at least 2 clearance holes sized for an **M3 screw**, on 36" centers, appropriately spaced.



- b** Secure Housing Profile to wall with screws and/or anchors (supplied) by others. If necessary, use plastic shims to square fixture to ceiling.
- c** Combine Housing and Nose, as shown. Insert screw from bottom of Housing, through clearance hole and engage Thread Channel in Nose. Do not overtighten.



NOTE:

The front bottom edge of the Nose Profile falls slightly below that of the Wall Housing Profile. This is to facilitate a smooth feather edge when applying Joint Compound. See **Step 7** for more information.

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For Stand-Alone units, skip to **Step 7**

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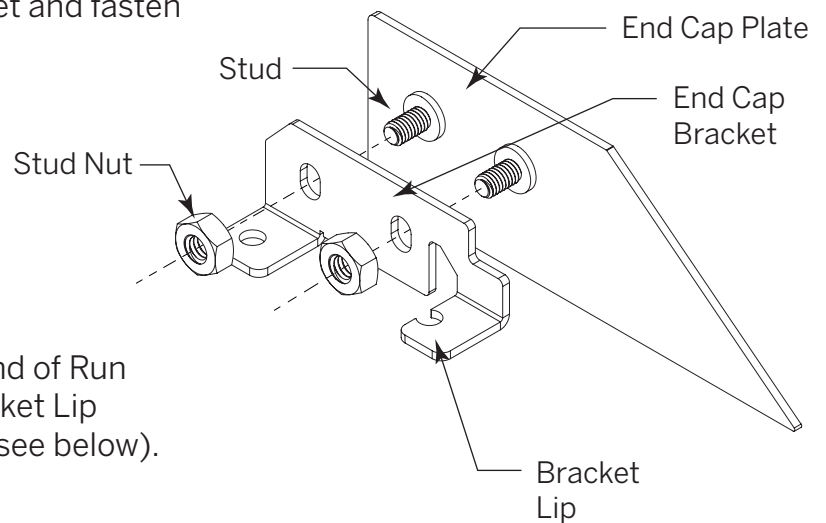
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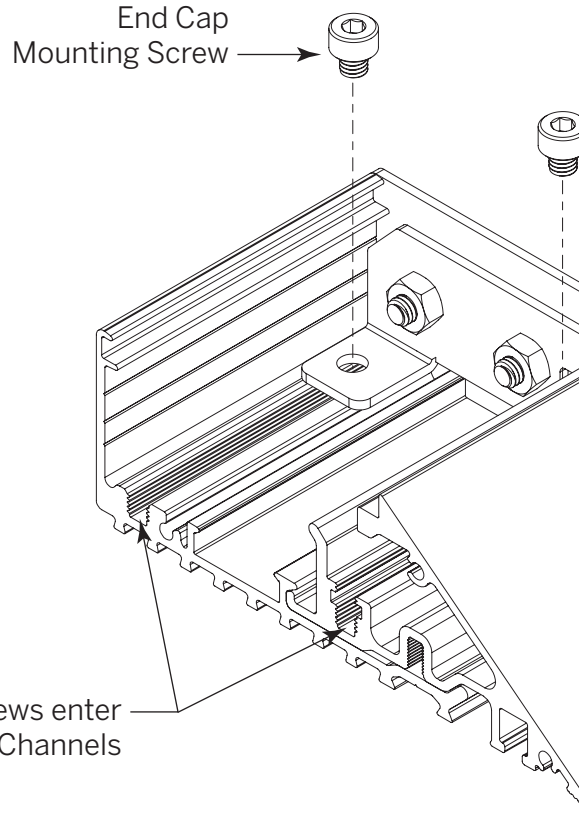
Step 5 - **Install End Caps** - Multi Unit Runs only

Left and Right End Cap Kits are provided. Each Kit comprises of (1) End Cap Plate with threaded Studs, (1) End Cap Bracket, (2) Stud Nuts, and (2) Mounting Screws.

- a** Insert Studs into slots in End Cap Bracket and fasten with Stud Nuts.



- b** Insert End Cap assembly into Start or End of Run (End of Run shown) such that each Bracket Lip rests on its respective Screw Channels (see below).



- c** Fasten End Cap Mounting Screws into each Screw Channel.

Mounting Screws enter
each of these Screw Channels

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Step 6 - **Joining Straight Units** - Multi Unit Runs Only

A standard Joiner Kit accompanies each straight unit. The kit consists of (1) wide joiner, (1) narrow joiner, and (8) set screws.

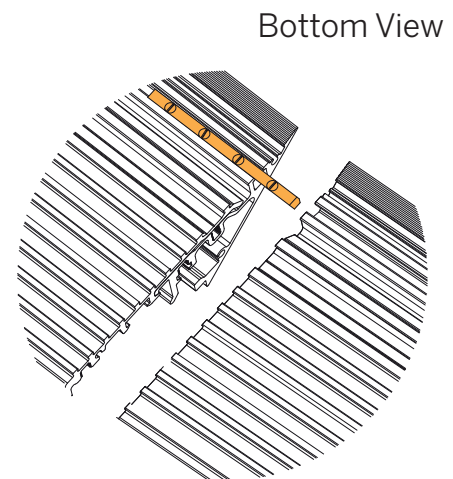
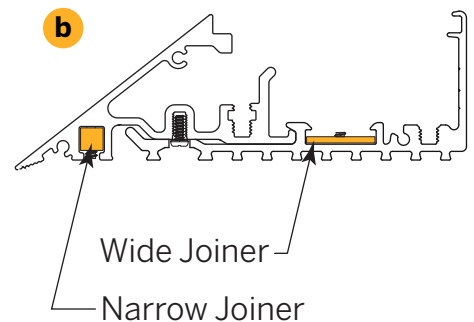
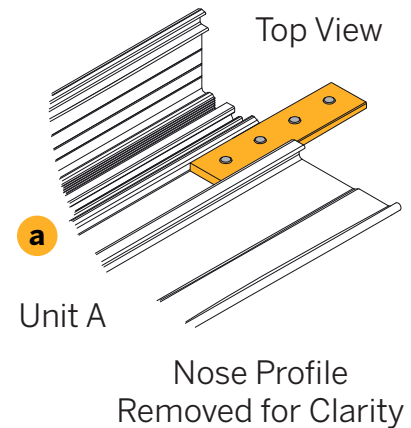
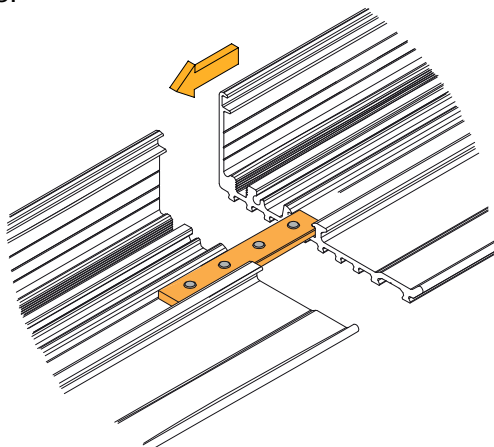
- a** After mounting first Unit A to wall, but **before** mounting Unit B, slide wide joiner into channel *halfway* into Unit A, as shown at top left.

Tighten (2) corresponding Set Screws to fix joiner to Unit A.

NOTE: This is the same channel that the Luminaire clips into. See **Step 7** for more information.

- b** Similarly, slide narrow joiner *halfway* into channel on bottom of Nose Profile of same unit. Tighten (2) corresponding Set Screws on joiner to fix to Unit A.

- c** Now slide adjacent section over such that exposed joiners enter mating grooves. Tighten set screws on top and bottom joiners.



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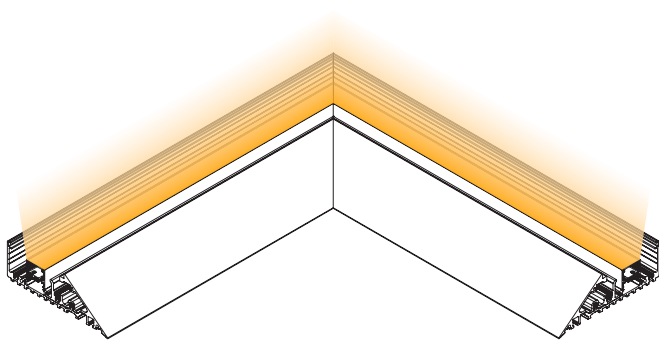
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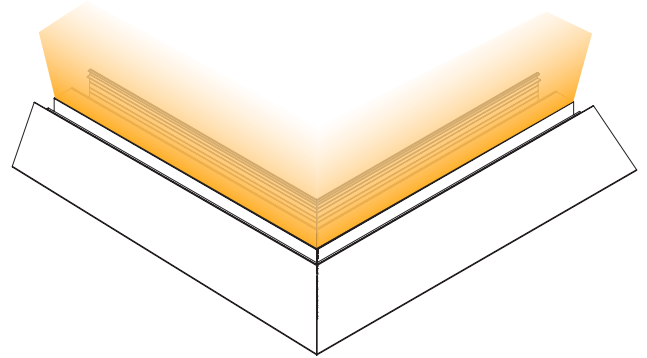
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Step 7 - **Install Corners** - Multi Unit Runs only

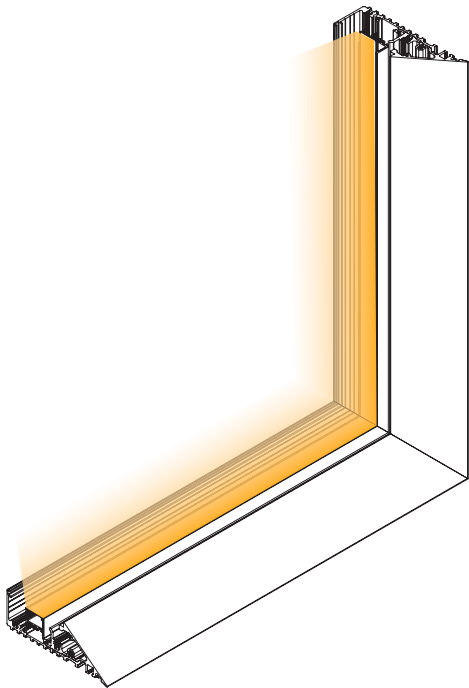
Illustrations below of light output shows direction only, and is not indicative of actual color, intensity, or spread. See Step 5 for joining to existing Run.



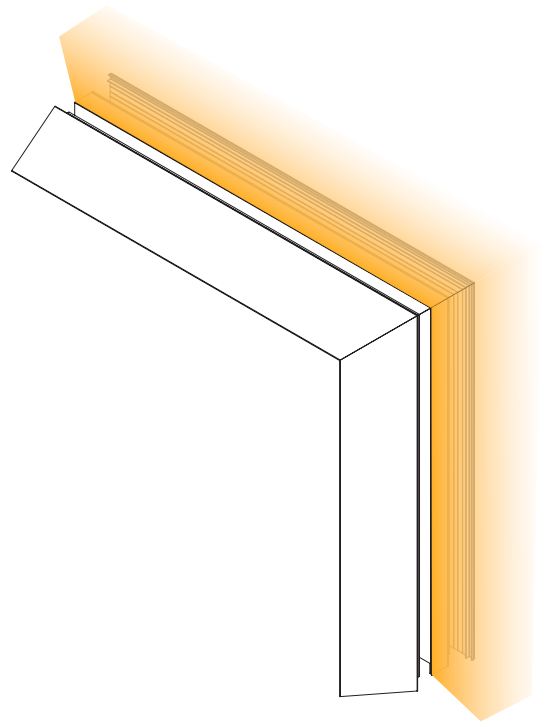
Pattern Coffered (PC)



Pattern Raft (PR)



Plane to Plane Inside (PPI)



Plane to Plane Outside (PPO)

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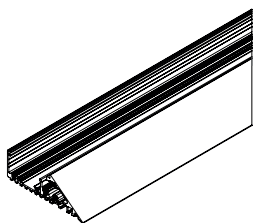
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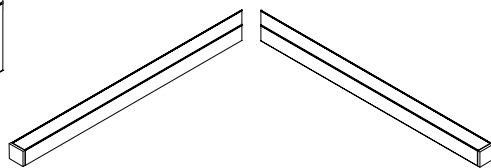
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Step 7 - **Install Corners** *(continued)*

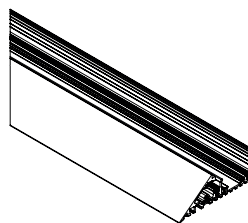
Corners are supplied as (2) matching Legs, each consisting of a Gear Housing and Nose Profile screwed together. There is no need to separate them. If your order for a Multi Unit Run include corners, a special Corner Joiner Kit accompanies each pair of Legs. The kit consists of (1) wide 90° Joiner, (1) narrow 90° Joiner, and (8) set screws.



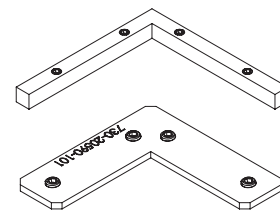
Wall-Nose Profile
Leg A



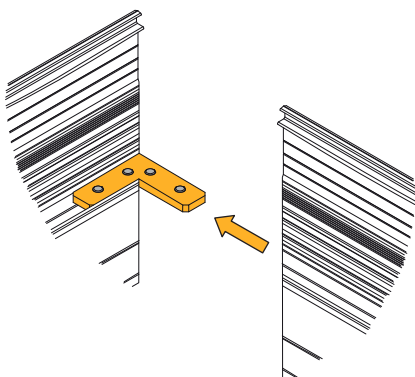
20LDL-SM Inserts A & B
with Diffusers



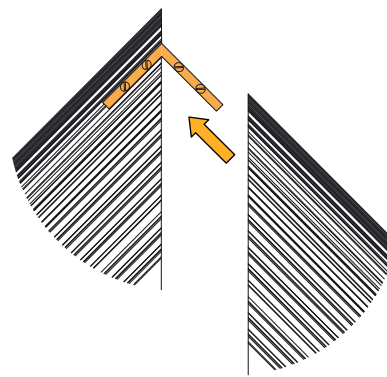
Wall-Nose Profile
Leg B



Corner Joiner Kit



Wide 90° Joiner
View from Top



Narrow 90° Joiner
View from Bottom

Joiners slide into same
channels as in **Step 5**

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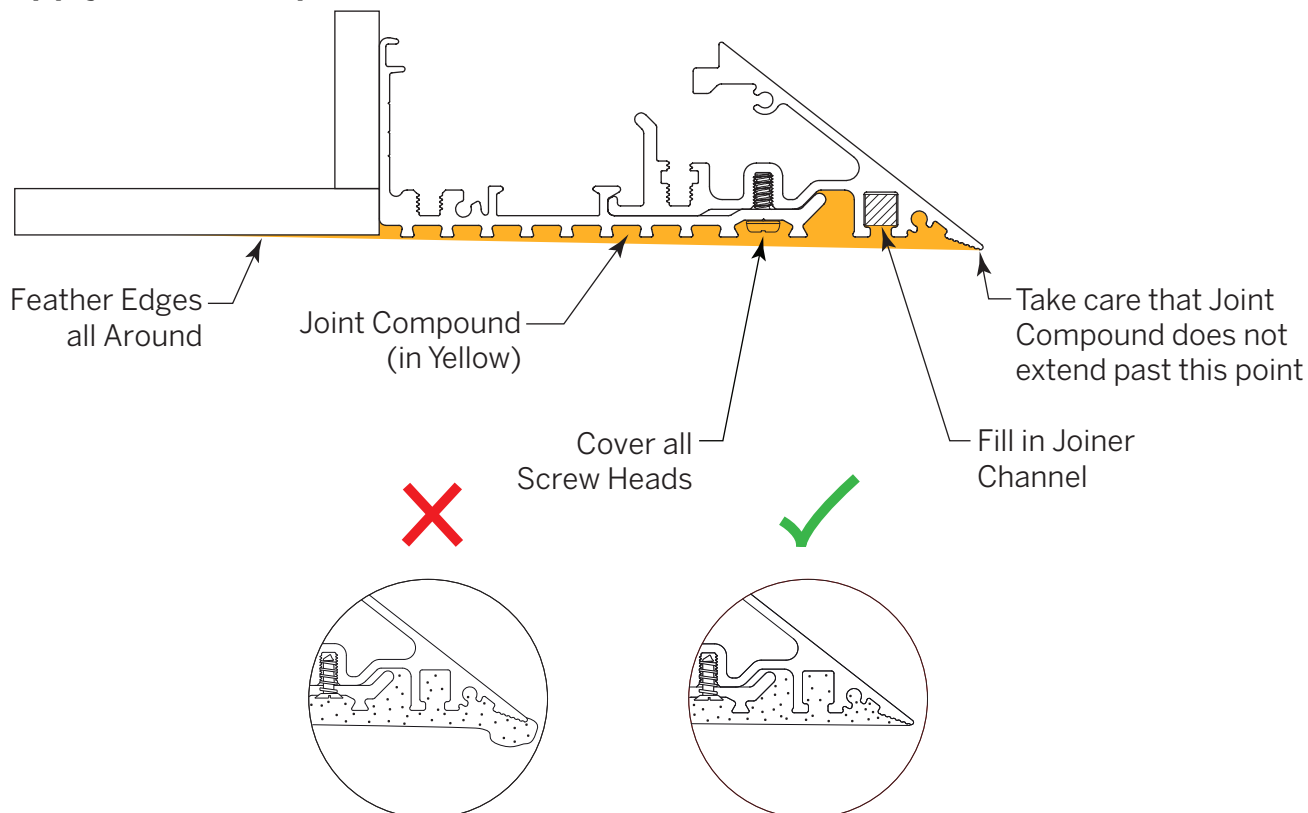
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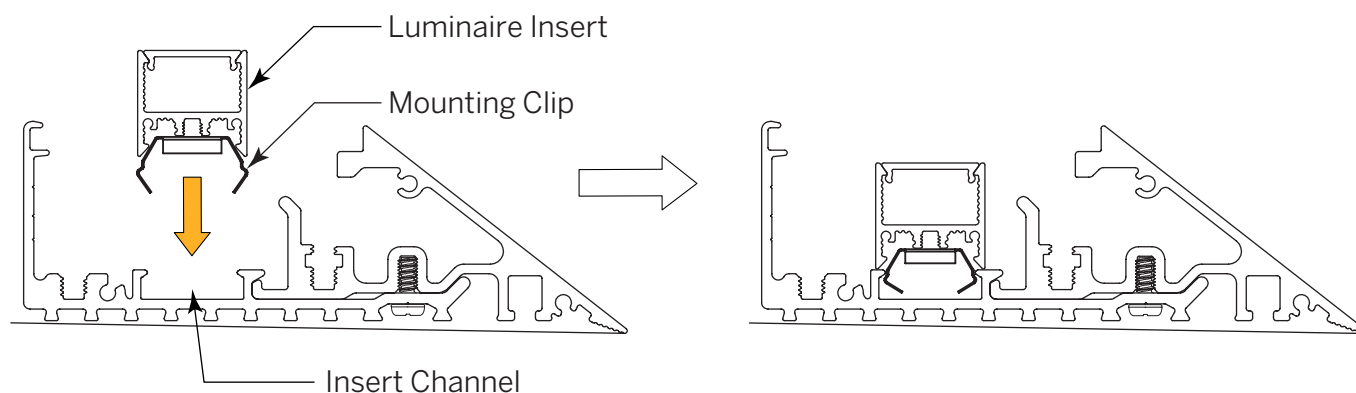
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Step 8 - *Apply Joint Compound*



Step 9 - *Install Luminaire Insert*

Spring Clips are pre-installed at factory on bottom of Luminaire Insert. Push Luminaire Insert into Insert Channel as shown until it seats with a positive “click.”



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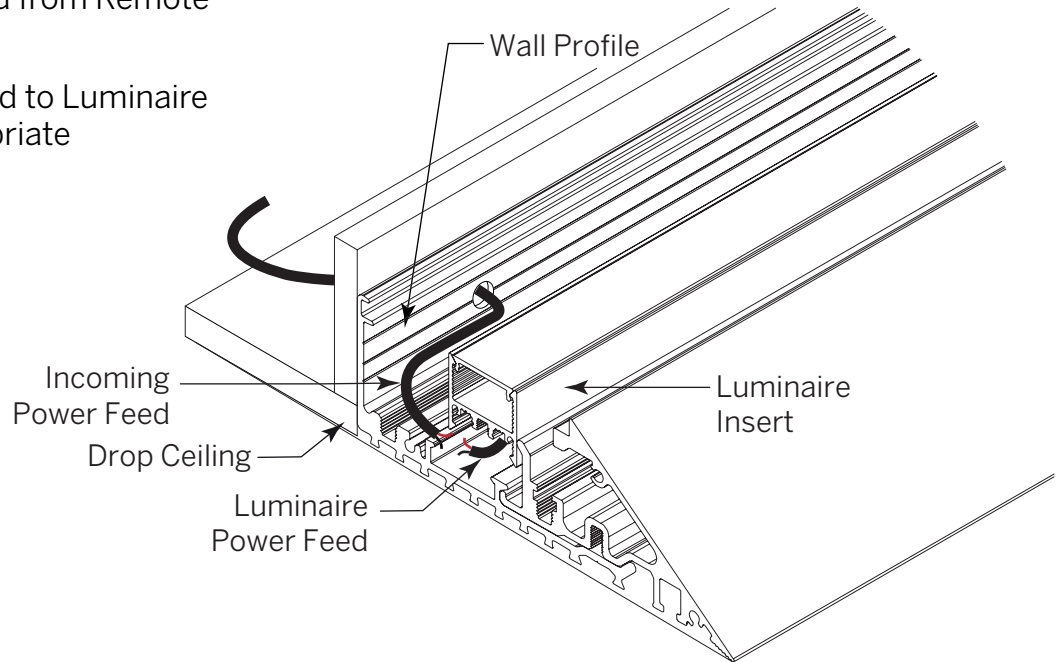
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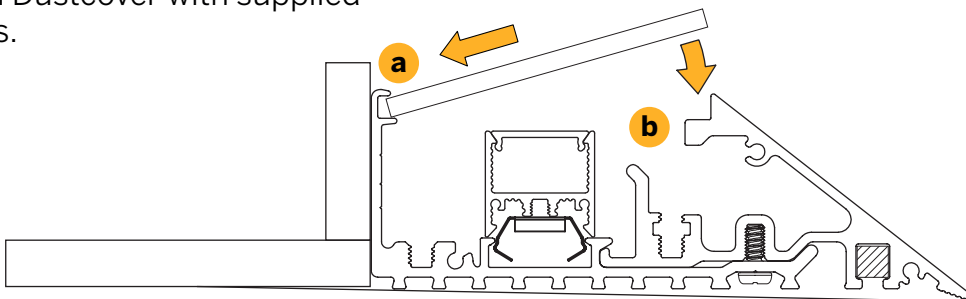
Step 10 - *Wiring*

- a** Pull Incoming Power Feed from Remote Driver into Wall Profile.
- b** Join Incoming Power Feed to Luminaire Power Feed using appropriate connectors (by others).



Step 11 - *Install Dustcover (Optional)*

- a** Insert rear edge of Cover into uppermost Channel on back of the Wall Profile.
- b** Rest front edge on on top of Nose Profile.
- b** Fasten Dustcover with supplied screws.



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