V Cove
WG-VBC-RPT

Perimeter
Recessed Plaster Trim

Installation Instructions

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

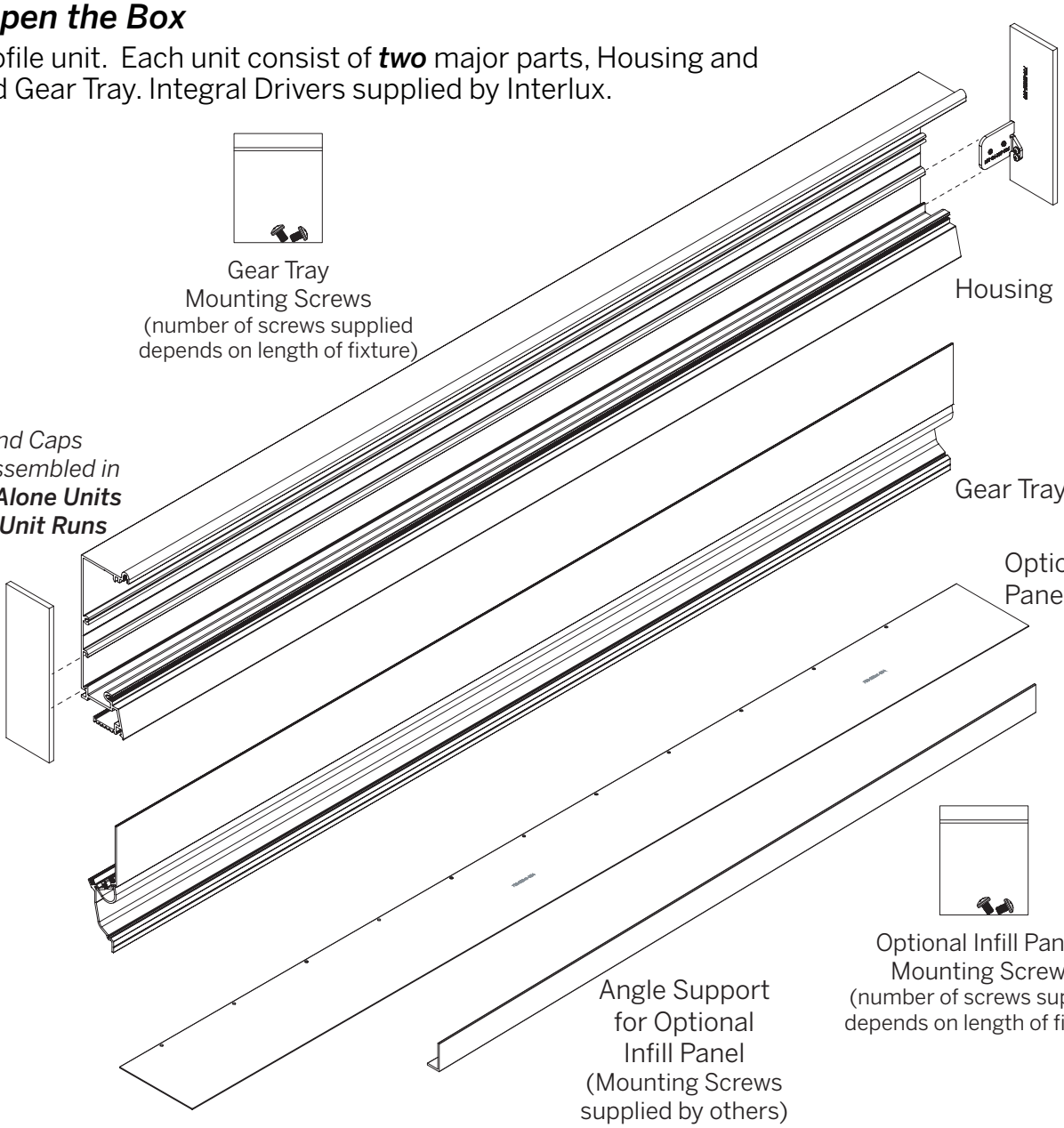
To prevent electrical shock disconnect electrical supply before installation or servicing.

Never connect a Fixture to a Live Driver!!!

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

Step 1 - ***Open the Box***

Unpack profile unit. Each unit consist of ***two*** major parts, Housing and unmounted Gear Tray. Integral Drivers supplied by Interlux.




2mm Hex Key


(1) Wide Joiner with Set Screws

Need Help?

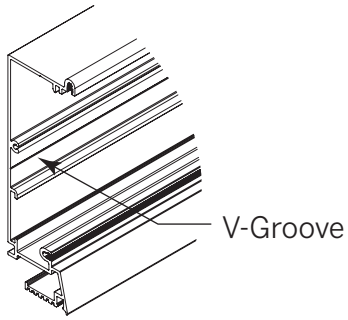

1.5mm Hex Key


(1) NarrowJoiner with Set Screws

Step 2 - ***Prep Housing***

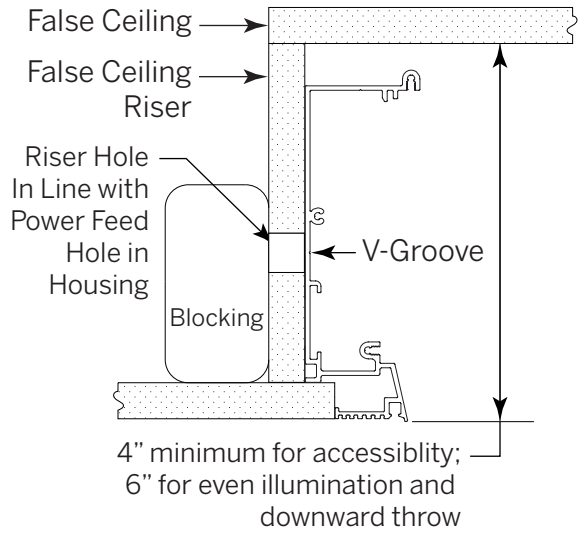
Drill holes 16” on center into Mounting Channel on V-Groove, as needed.

Use same V-Groove to drill Power Feed Hole.

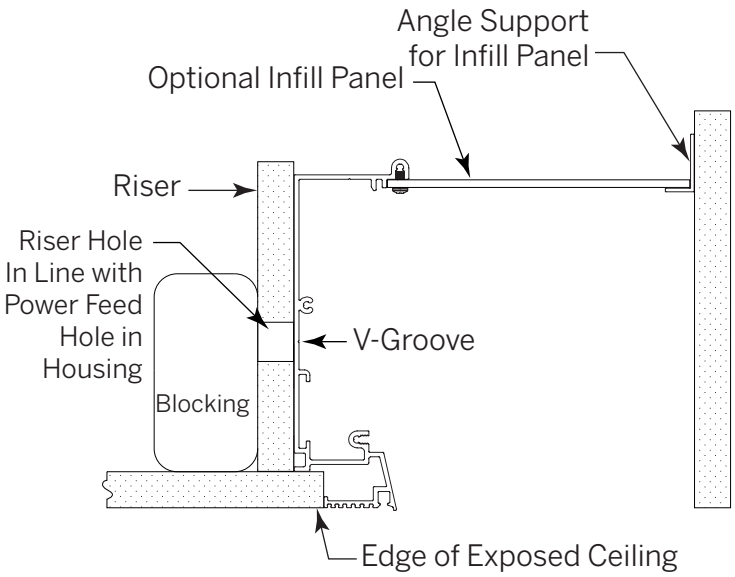


Step 3 - ***Prep Ceiling***

a Construct a False Ceiling, as shown on below left, or the arrangement on below right, an Accessible Open Ceiling using the optional Infill Panel and Angle Support (available in 4” or 6” widths).



In False Ceiling



In Accessible Open Ceiling with Optional Infill Panel & Angle Support

b Drill Hole in Riser for incoming power feed, corresponding to Power Feed Hole drilled in Housing.

Step 4 - ***Install Housing***

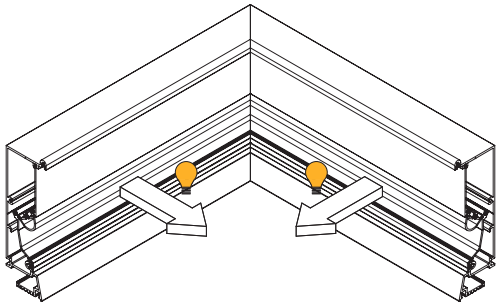
a Slide Housing onto Edge of exposed ceiling and against Riser.

b Insert screws and anchors (both by others) into drilled holes and fasten to False Ceiling Riser and Blocking.

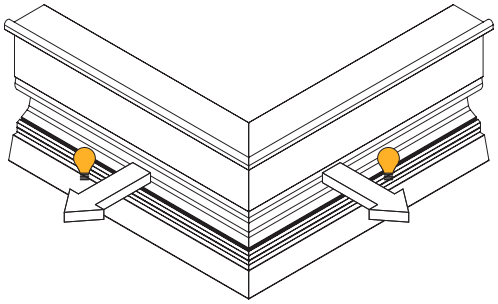
Need Help?

Step 4 - ***Install Housing*** *(continued)*

When installing a Pattern, the customer may find it easier starting with a Corner. The Pattern Insdie and Outside Corners (PI and PO) are welded at the factory. Follow ***Steps 2*** to mount to existing Run. Illustration of light output shows direction only, and is not indicative of actual color, intensity, or spread.



Pattern Inside (PI)

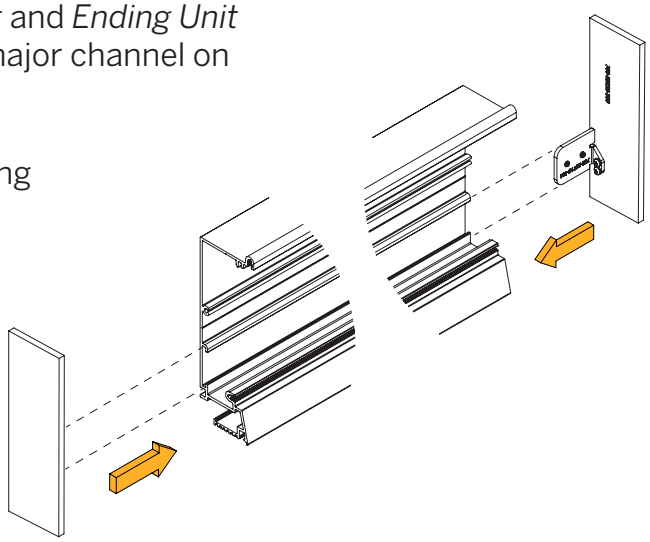


Pattern Outside (PO)

Step 5 - ***Install Optional End Caps***

a On either end of *Stand Alone Unit*, or *Starting Unit* and *Ending Unit* of a *Multi Unit Run,* slide the tab of End Cap into major channel on inside bottom of housing.

b Fasten End Cap to Housing via (2) Set Screws using the supplied 2mm Hex Key.



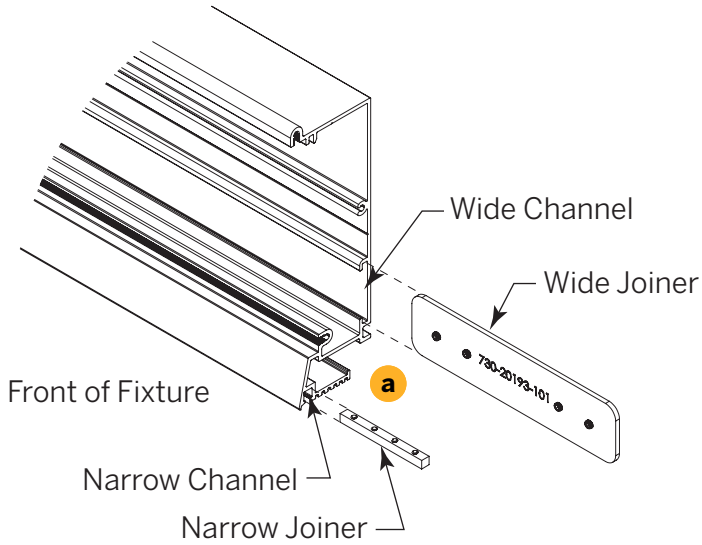
Need Help?

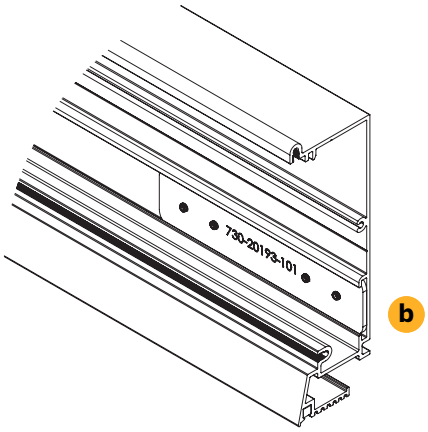
Step 6 - ***Insert Joiners*** - *Multi Unit Run only*

a On the Start Unit Housing, insert Wide Joiner on end opposite the End Cap, or on end having an adjacent unit. Slide Jointer completely into Wide Channel. *Set Screws face front.*

b Insert Narrow Joiner on same end as Wide Joiner, into the Narrow Channel. Slide Joiner completely into Channel. *Set Screws face downward.*

Do not fasten Set Screws at this time.



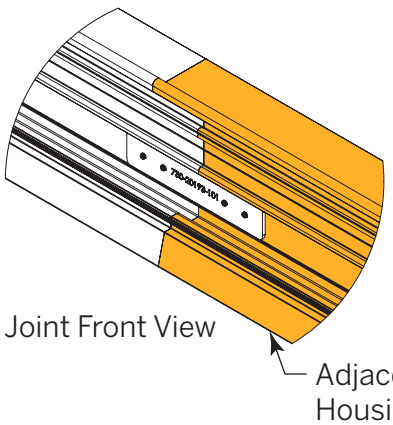


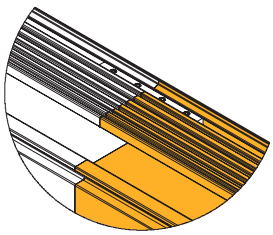
Step 7 - ***Join Housings*** - *Multi Unit Run only*

a Slide Adjacent Housing onto Edge of exposed Ceiling and against Riser. Butt up to previous Housing.

b Slide Wide and Narrow Joiners such that they bridge both units equally. Tighten Set Screws using the supplied 1.5mm Hex Key.

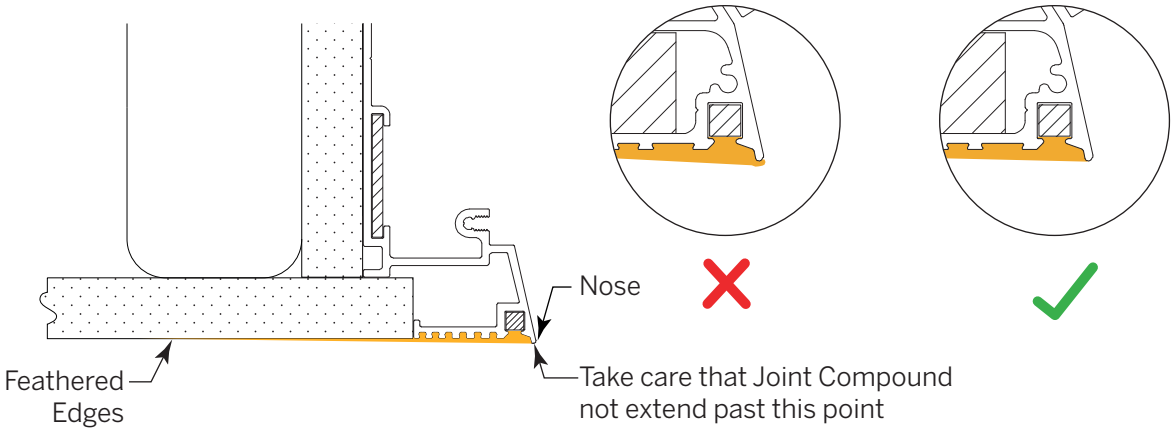
c Fasten Adjacent Housing to using screws and anchors (by others).




Joint Bottom View

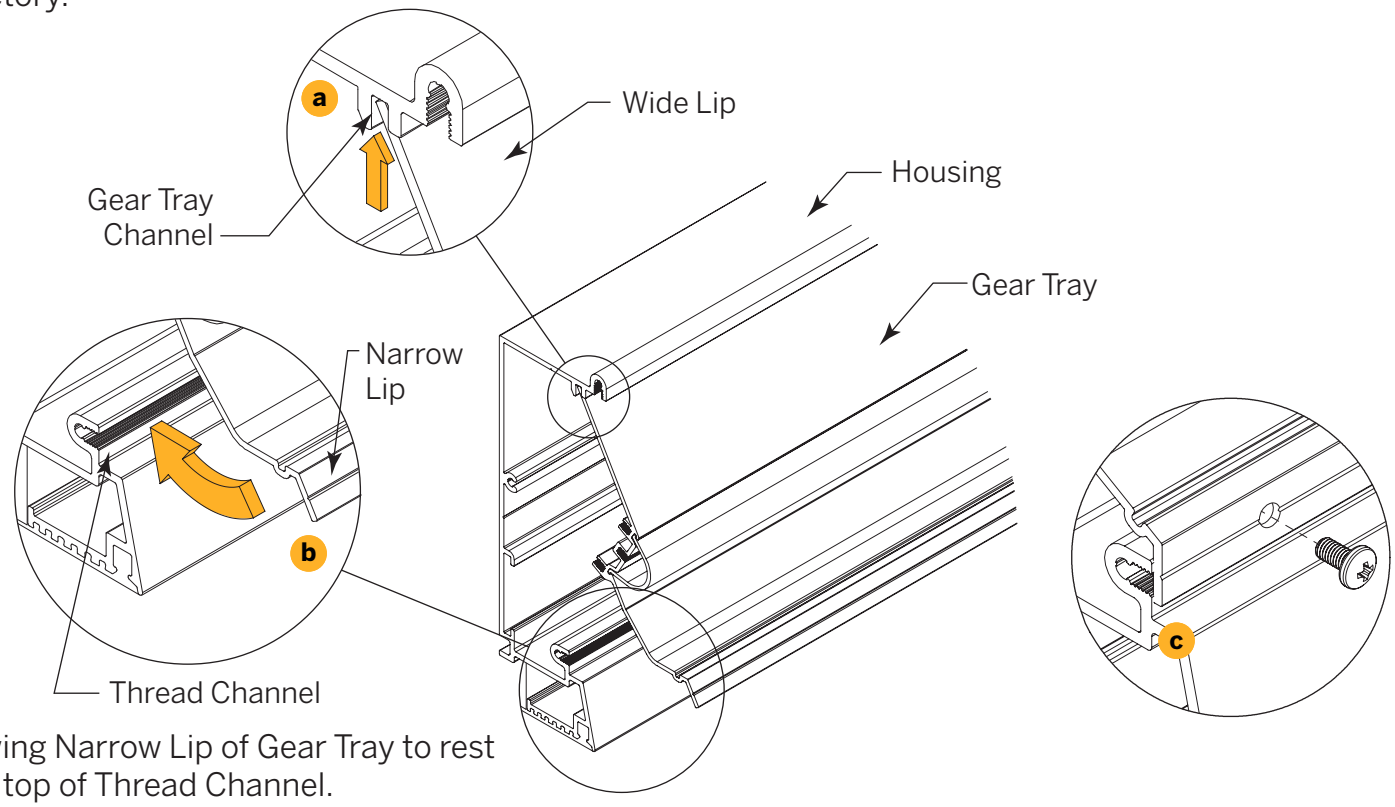
Need Help?

Step 8 - ***Apply Joint Compound***



Step 9 - ***Install Gear Tray(s)***

a Insert Wide Lip of Gear Tray into Gear Tray Channel at top of Housing. Gear Tray is Pre-drilled at factory.



b Swing Narrow Lip of Gear Tray to rest on top of Thread Channel.

c Fasten Gear Tray to Thread Channel with supplied screws.

IMPORTANT: If installing Optional Infill Panel, *proceed to next step* before powering on!

Need Help?

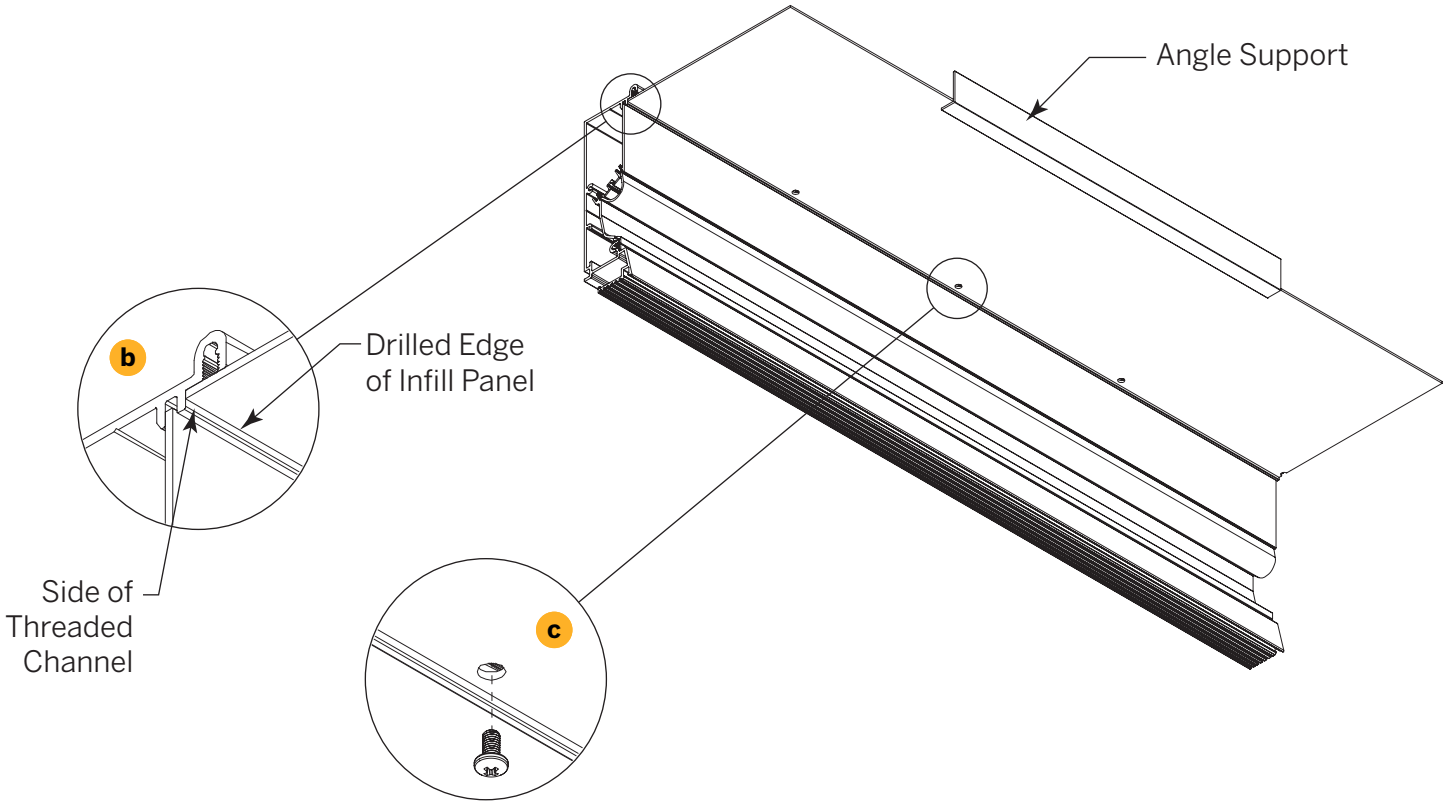
d *Energize!*

Step 10 - ***Install Optional Infill Panel***

IMPORTANT: Install Infill Panel before powering on Luminaire!

a Mark and drill opposing wall to mount Angle Support.

b Place drilled edge of Infill Panel alongside side of Thread Channel, supported on opposite side by Angle Support.



c Fasten Infill Panel to Housing with supplied Mounting Screws.

d *Energize!*

Need Help?

Wiring Diagrams

E1 = eldoLED 0.1% dimming, 0-10V, *(Static White only)* p. 7
L1 = Lutron 1% dimming, Ecosystem, *(Static White only)* p. 8
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming, *(Static or Tunable White)* p. 8, 9
D2DT8 = eldoLED DALI-2 (DT8), 0.1% dimming, *(Tunable White only)* p. 9
D010 = eldoLED, 10% 0-10V dimming, *(Warm Dim only)* p. 10
DPH = Phase Dimming, 1% dimming, *(Remote Driver/Warm Dim only)* p. 10
L3DAE = Lutron Hi-lume 1% EcoSystem, *(Warm Dim only)* p. 11
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, *(Warm Dim only)* p. 11
EL96 = eldoLED 0-10V, 0.1% dimming, *(Warm Dim only)* p. 12
DALI = eldoLED DALI-1 (DT6), 0.1% dimming, *(Warm Dim only)* p. 12
DMX = eldoLED 24V, 0.1% DMX dimming, *(Integral Driver/Warm Dim + RGBW only)* p. 13

All Drivers available as Integral or Remote unless otherwise noted.

E1 = eldoLED 0.1% dimming, 0-10V (120-277V)

Static White only!

30W



75W

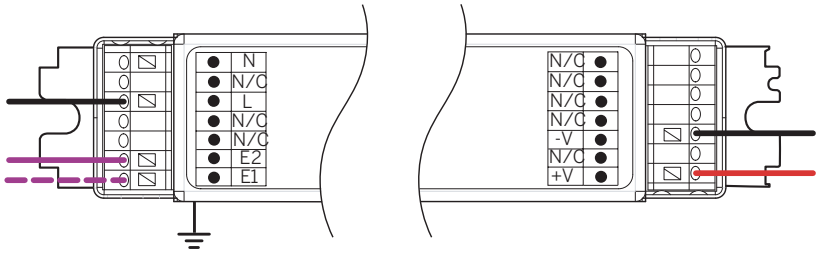


Need Help?

Wiring Diagrams

L1 = Lutron 1% dimming, Ecosystem (120-277V)

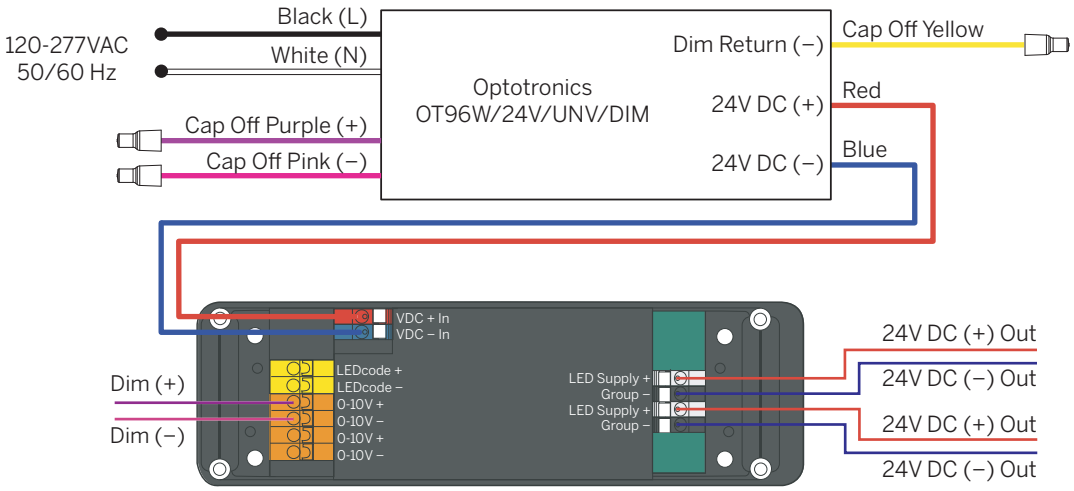
Static White only!



Ground*

D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming (120-277V)

Static White only!



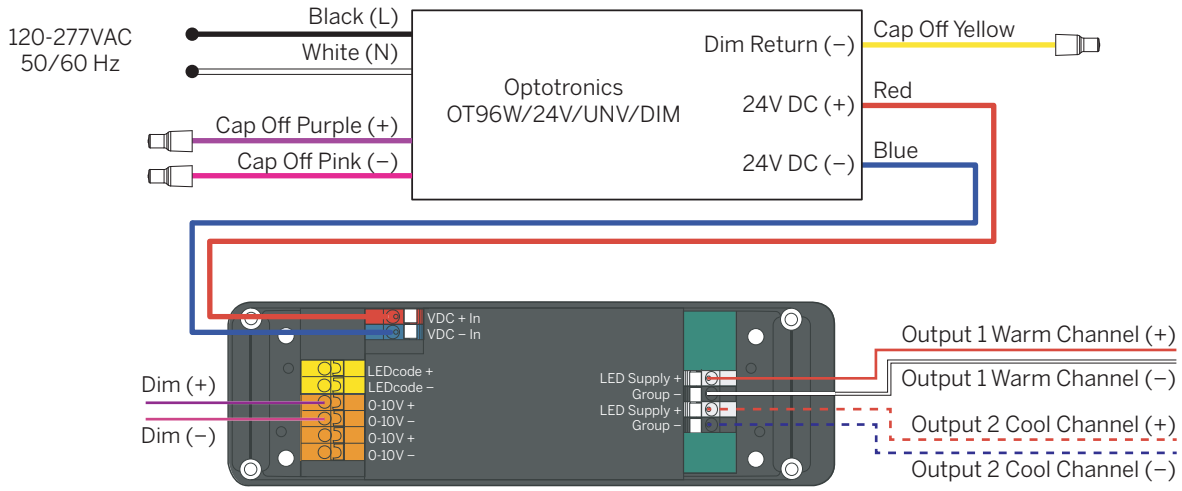
LINEARdrive 211D
2 LED Groups
1 Control Channel

Need Help?

Wiring Diagrams

D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming (120-277V)

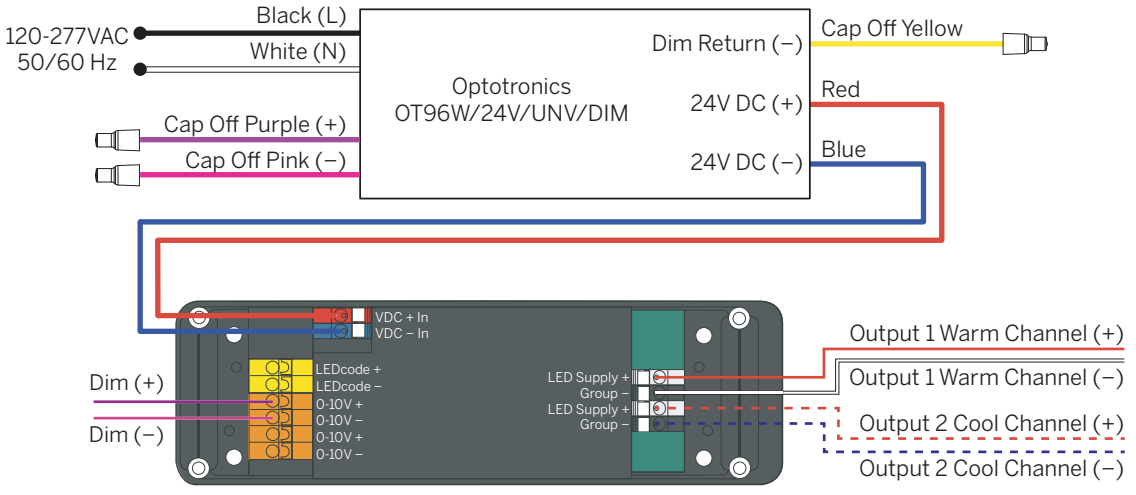
Tunable White only!



eldoLED
LINEARdrive 200W DALI DT6
Type: LN200D-D2Z2D2
Dual-channel constant voltage LED driver

D2DT8 = eldoLED DALI-2 (DT8), 0.1% dimming (120-277V)

Tunable White only!



eldoLED
LINEARdrive 200W DALI DT8
Type: LN200D-D2Z2D2
Dual-channel constant voltage LED driver

Need Help?

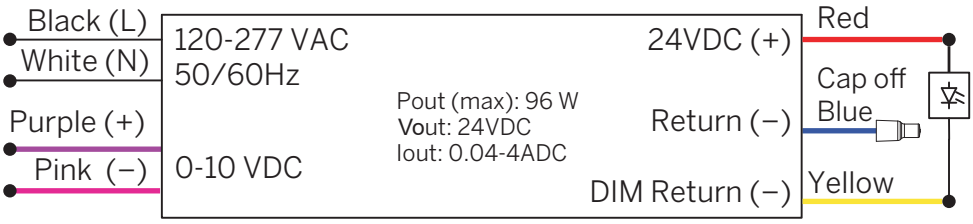
10/13

Wiring Diagrams

D010 = eldoLED, Non-Dim or 10% 0-10V dimming (120-277V)

Warm Dim only!

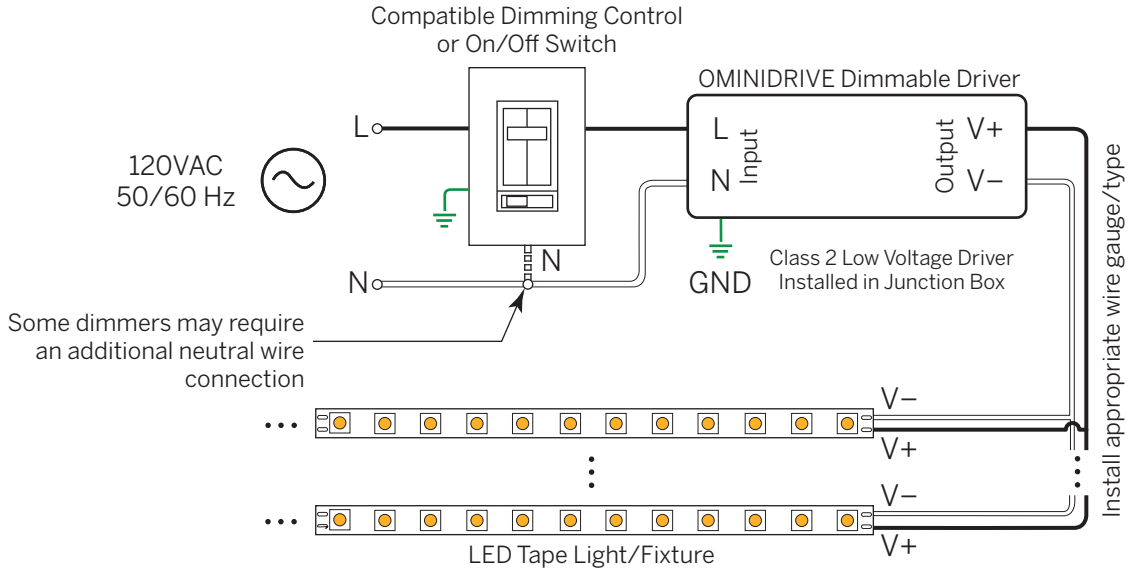
Dimming



WARNING: If not connected to a 0-10V dimmer, driver MUST be wired as Non-dim. Not doing so can cause the driver and the fixtures to fail prematurely.

DPH = Phase Dimming, 1% dimming (120V only)

Remote Driver/Warm Dim only!

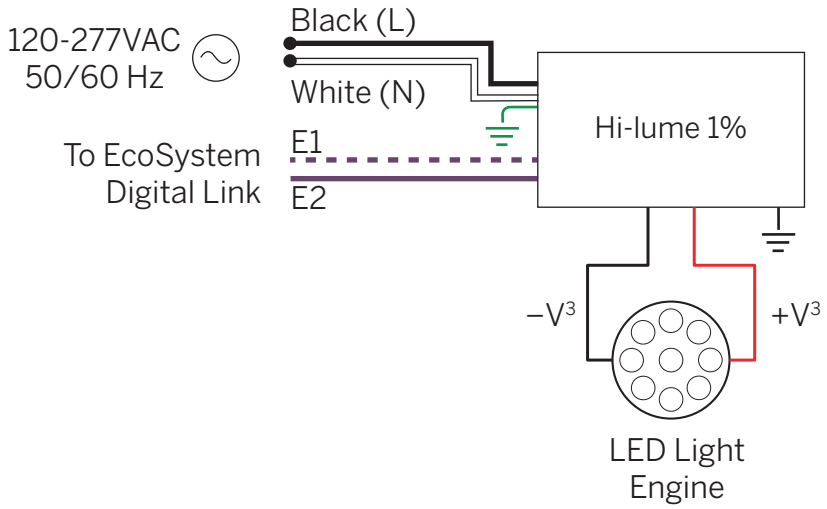


Need Help?

Wiring Diagrams

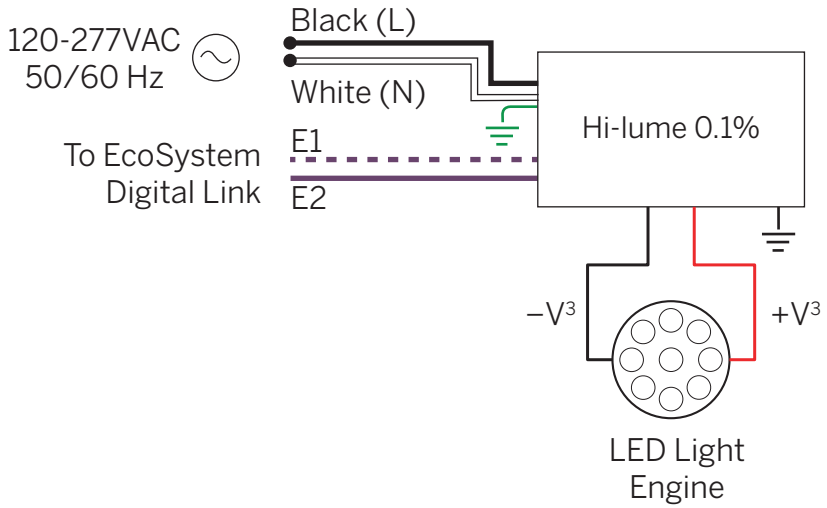
L3DAE = Lutron Hi-lume 1% EcoSystem (120-277V)

Warm Dim only!



L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem (120-277V)

Remote Driver/Warm Dim only!

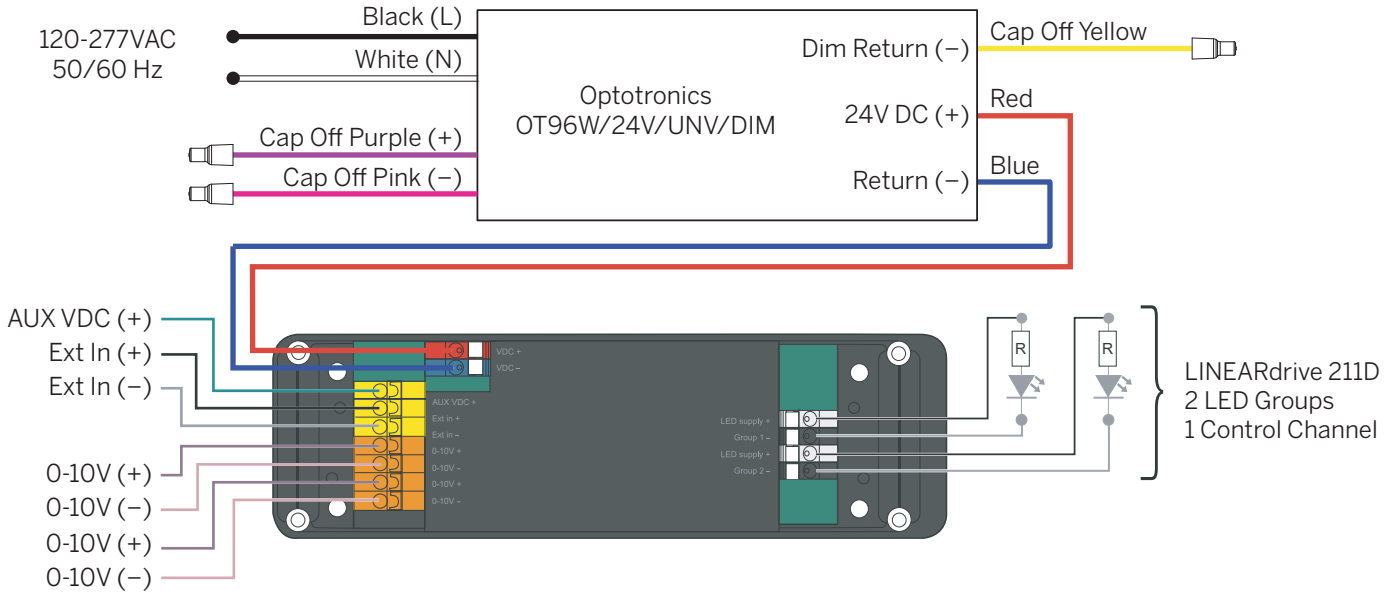


Need Help?

Wiring Diagrams

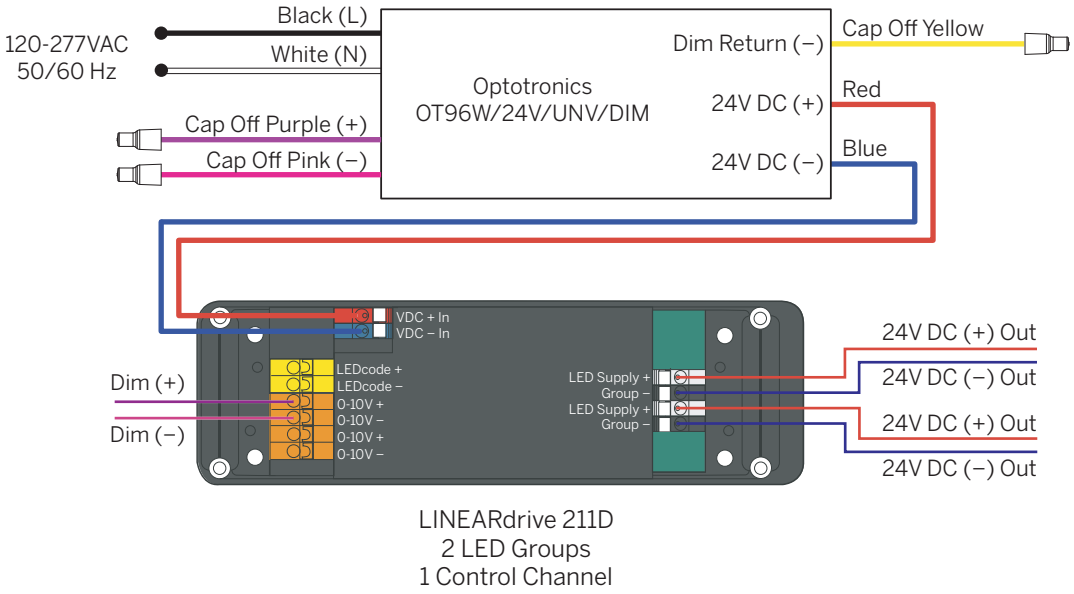
EL96 = eldoLED 0-10V, 0.1% dimming (120-277V)

Warm Dim only!



DALI = eldoLED DALI-1 (DT6), 0.1% dimming (120-277V)

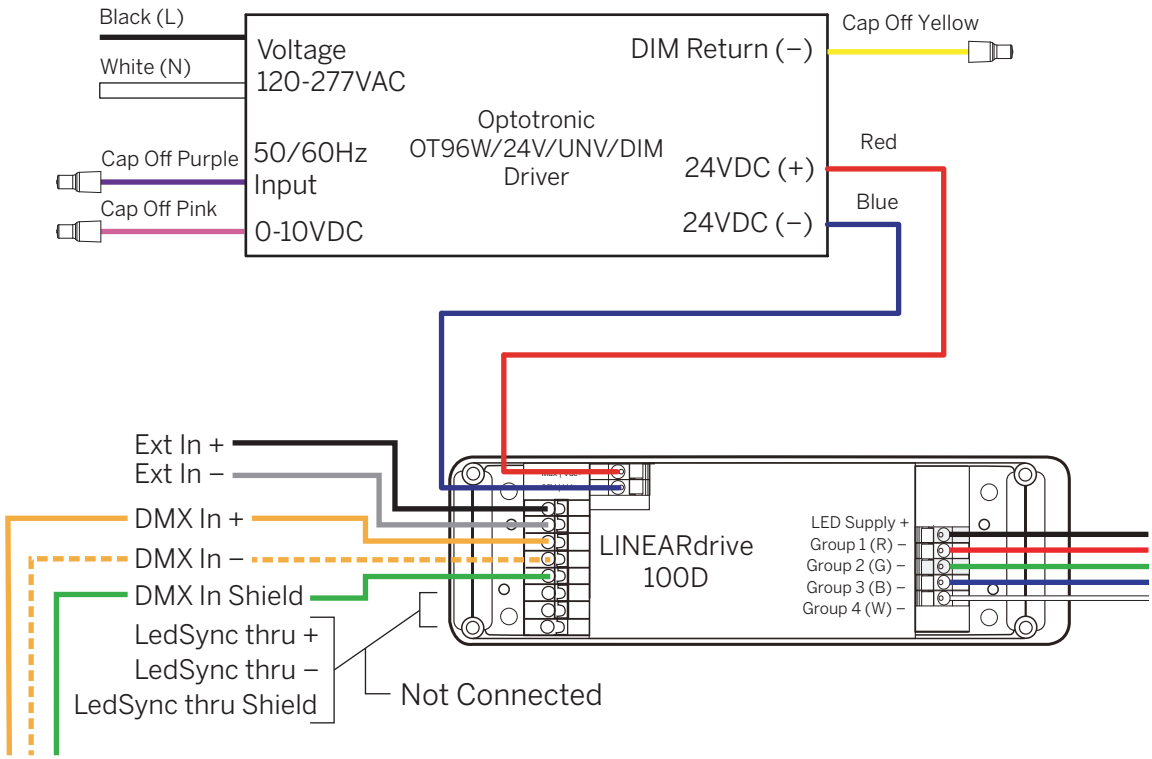
Warm Dim only!



Need Help?

Wiring Diagrams

DMX = eldoLED 24V, 0.1% DMX dimming *Warm Dim + RGBW only!*



NOTE: A second OT96W & LINEARdrive 100D pair may be daisy-chained to the first set of DMX connectors (DMX In +, DMX In –, DMX In Shield). A third pair may be daisy-chained to the second, etc.

Need Help?