Z Cove
WG-ZC-RGT

Installation Instructions

Perimeter
Recessed Grid Trim

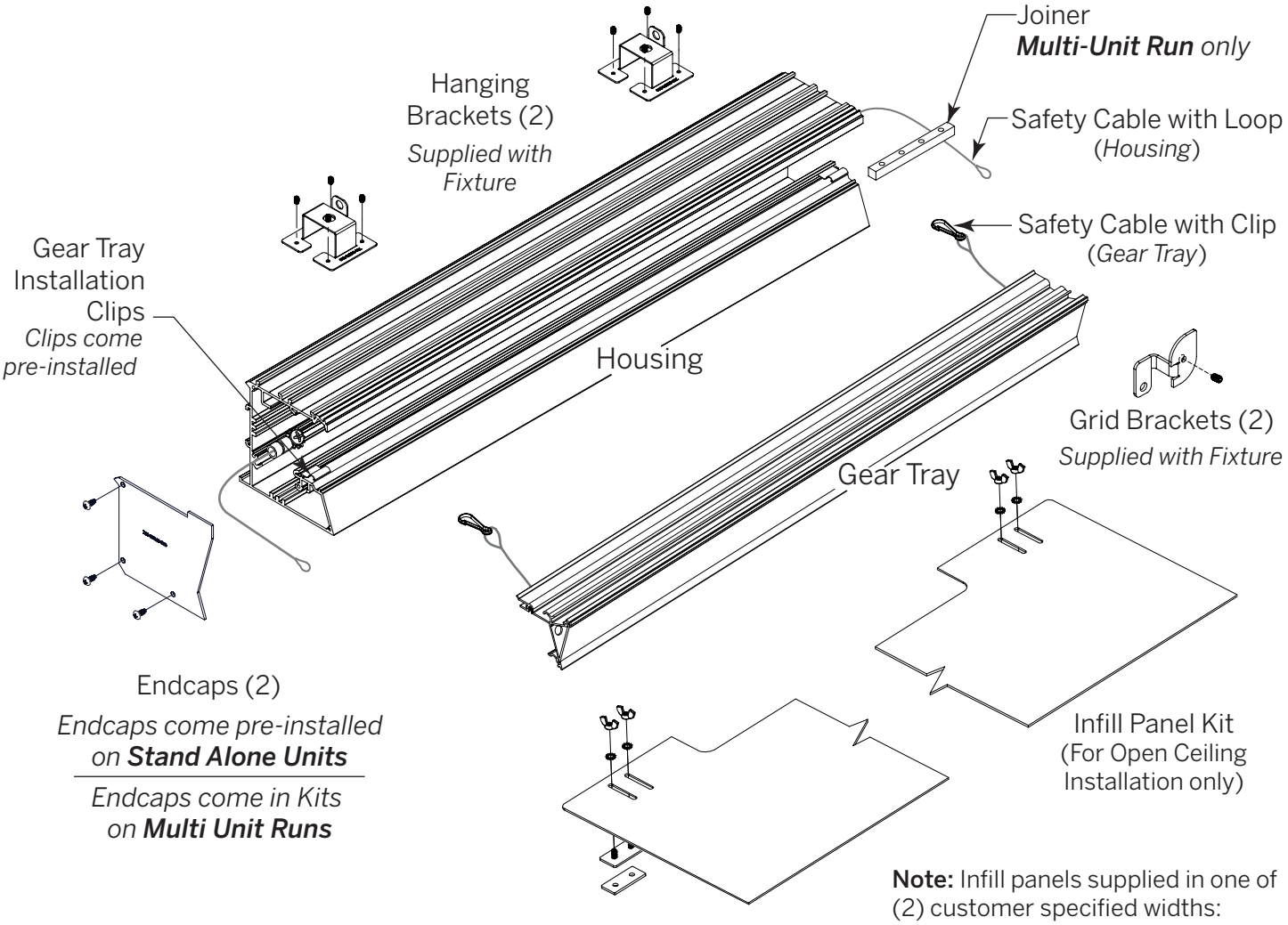
Luminaires must be installed by a qualified electrician. Check with local and national codes for proper installation.

To prevent electrical shock disconnect electrical supply before installation or servicing.
Never connect a live 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 Luminaire unit. Unit is comprised of (2) major parts: Housing and Gear Tray. For Open Ceiling Installations, an Infill Panel Kit is available. Integral Drivers supplied by Inter-lux.



Note: Infill panels supplied in one of (2) customer specified widths: Adjustable 4-5" and Adjustable 5-6".

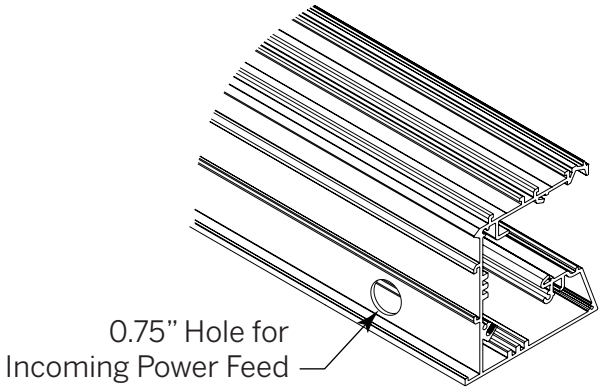
Mounting Clips, LED board, Driver, and Safety Cables pre-installed at factory

Need Help?

Infill Panels, End Caps, and Hanging Brackets are supplied with mounting screws.

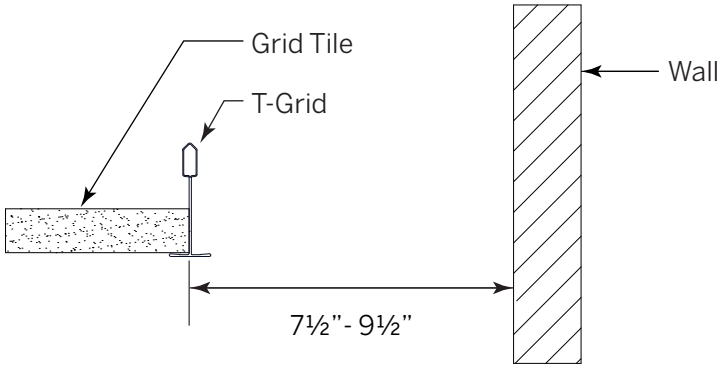
Step 2 - ***Prep Housing***

Power Feed Hole
Drill 7/8" Power Feed Hole in Housing as shown at right. Conduit Clamp supplied by others.



Step 3 - ***Prep Ceiling***

If your order includes the factory-supplied Infill Panel, construct ceiling grid such that there is a 7½"- 9½" space between center line of grid and wall. Dimensional range due to adjustable depth of Infill Panel. See **Step 6** for more details.



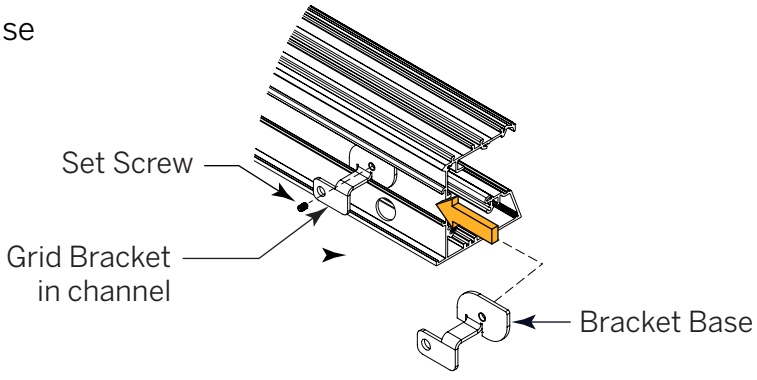
Step 4 - ***Install Grid Brackets***

a Secure Grid Brackets on Housing by sliding base along major channel on back of extrusion.

b Fasten to Housing with supplied **M4 Hex** Set Screw, as shown.

Repeat as necessary.

See **Step 5** for side view of installed Grid Bracket

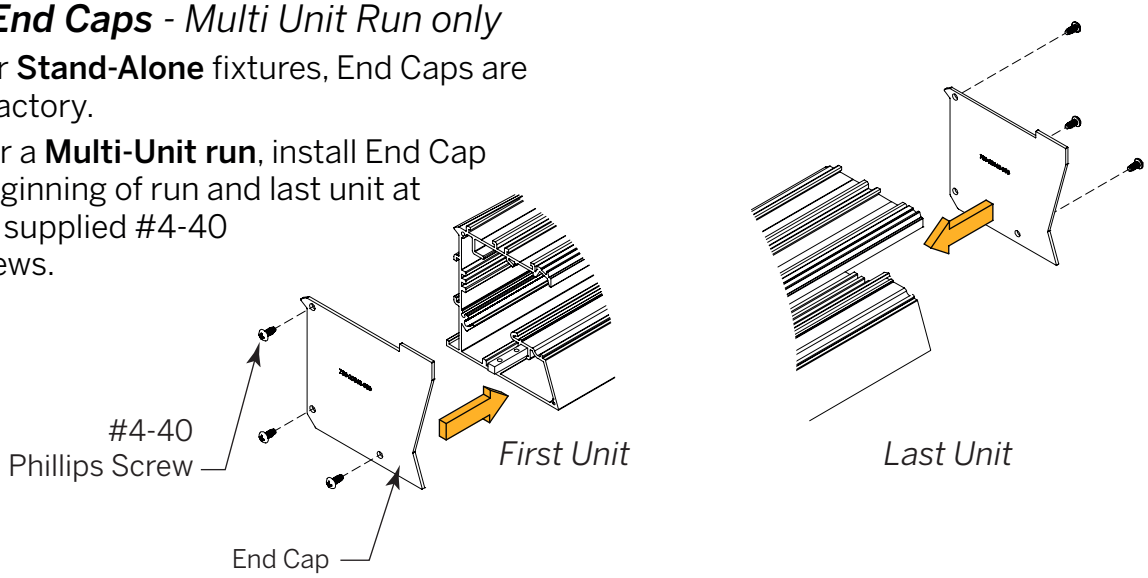


Need Help?

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

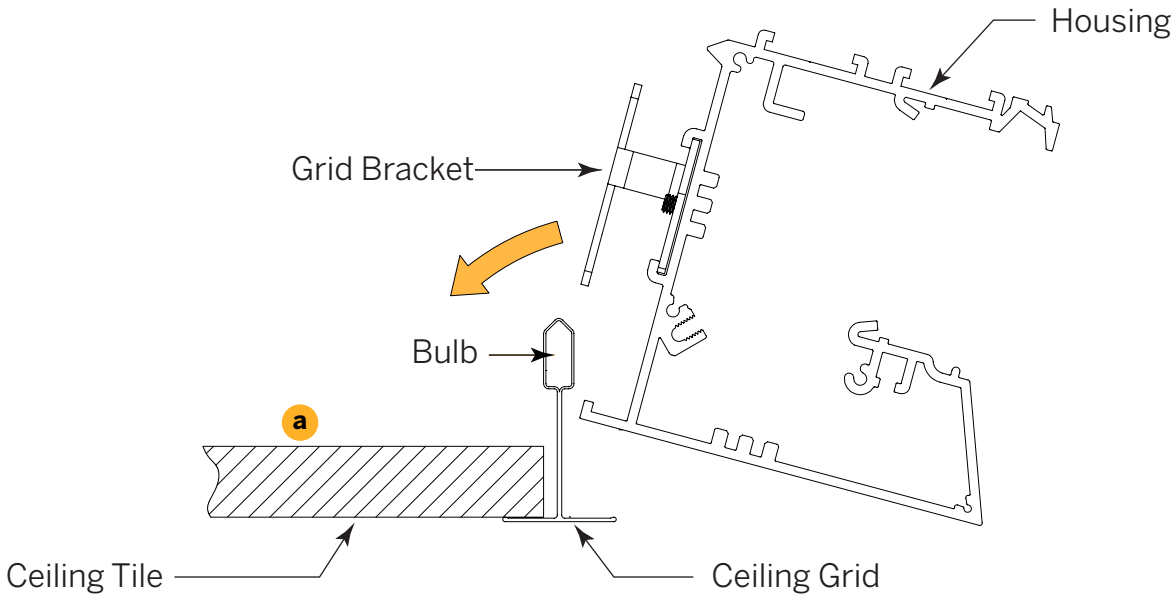
If your order is for **Stand-Alone** fixtures, End Caps are pre-installed at factory.

If your order is for a **Multi-Unit run**, install End Cap on first unit at beginning of run and last unit at end of run, using supplied #4-40 Phillips head screws.



Step 6 - ***Install Housing***

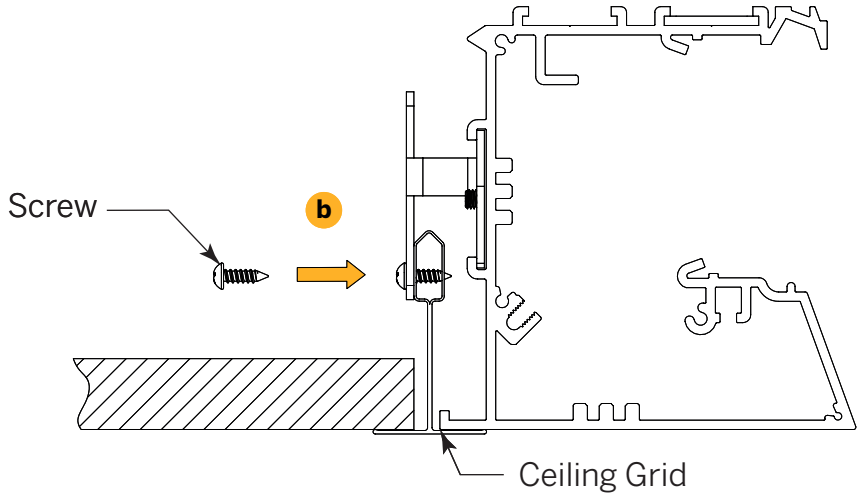
a Hook Grid Bracket over bulb of Ceiling Grid.



Need Help?

Step 6 - ***Install Housing*** *(continued)*

b Drive a Thread-Forming Screw (supplied by others) through hole located on Grid Bracket to Secure. Repeat as necessary.

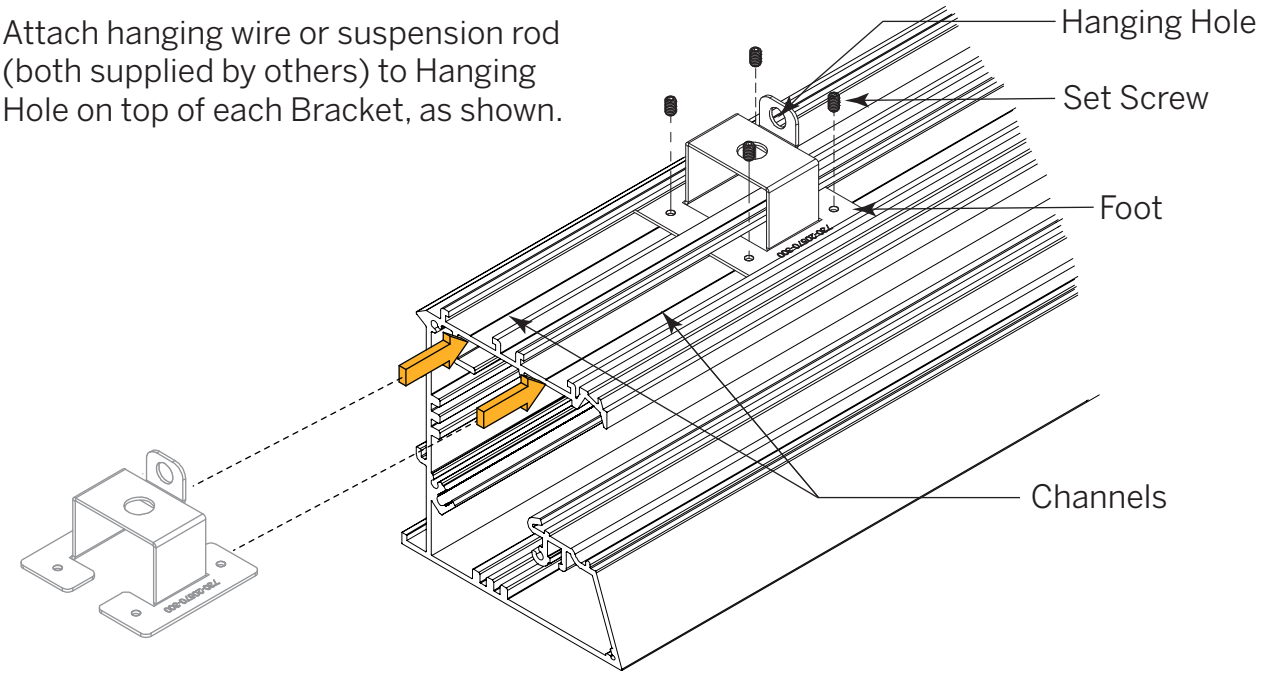


Install Hanging Brackets

a If required to attach fixtures to ceiling structure, slide Hanging Brackets into Housing's top double channel such that they capture the Brackets' two "feet."

b Secure Brackets with supplied **M3 Hex** Set Screws.

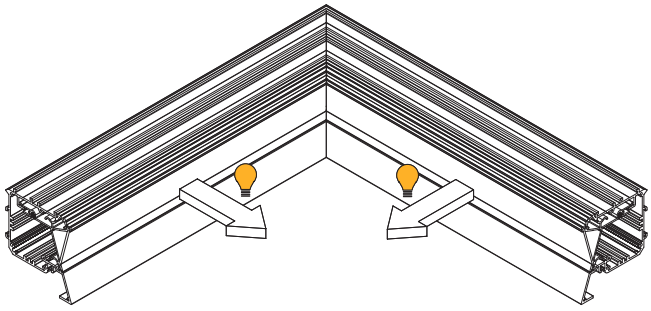
c Attach hanging wire or suspension rod (both supplied by others) to Hanging Hole on top of each Bracket, as shown.



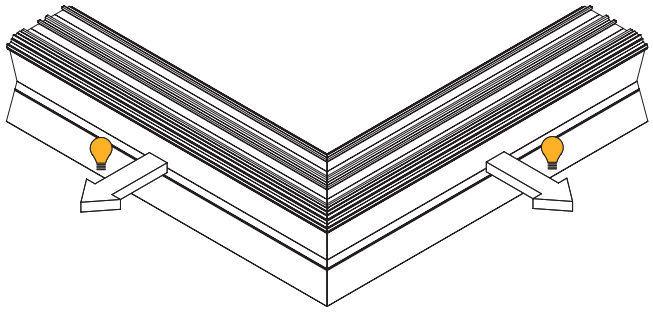
Need Help?

Step 6 - ***Install Housing*** *(continued)*

When installing a Pattern, the customer may find it easier starting with a Corner. The Pattern Inside and Outside Corners (PI and PO) are welded at the factory. Follow ***Steps 2*** to ***6*** to mount to existing Run. Arrows indicate light direction.



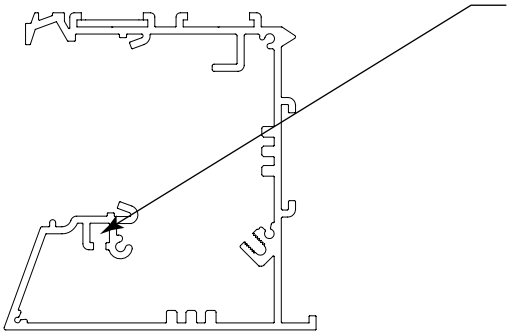
Pattern Inside (PI)

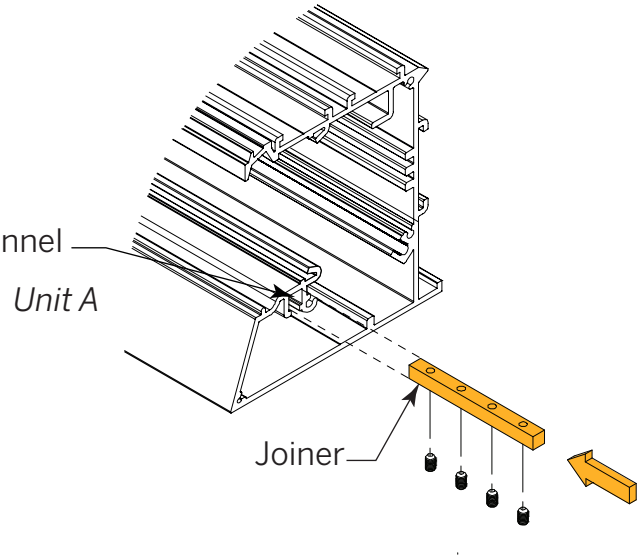


Pattern Outside (PO)

Step 7 - ***Install Joiners*** - *Multi Unit Run only*

a Slide Alignment Pin halfway into square channel of Unit A, as shown below and at right.



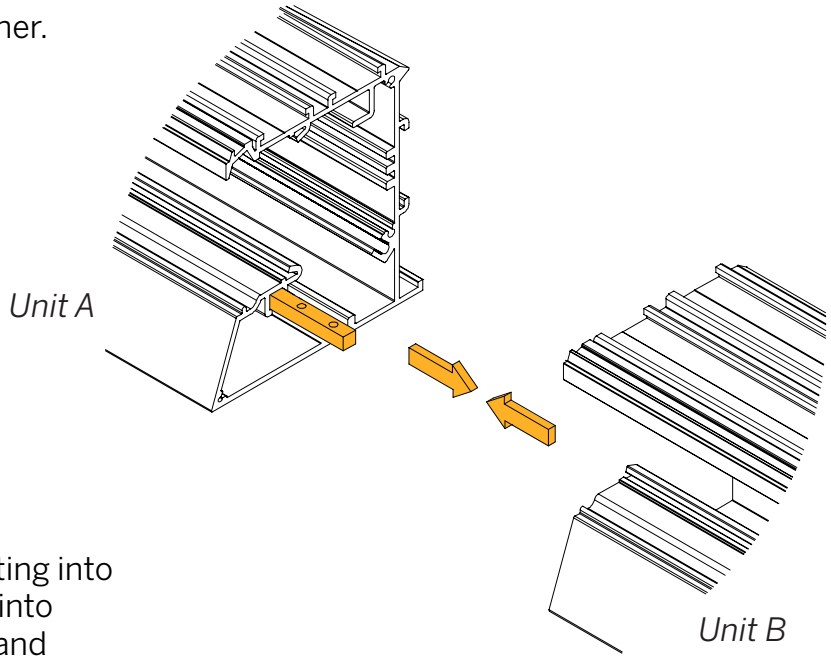


Need Help?

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

b Draw Unit A and Unit B together. Fit Joiner into corresponding channel in Unit B.

c Fasten remaining Set Screws to Unit B.



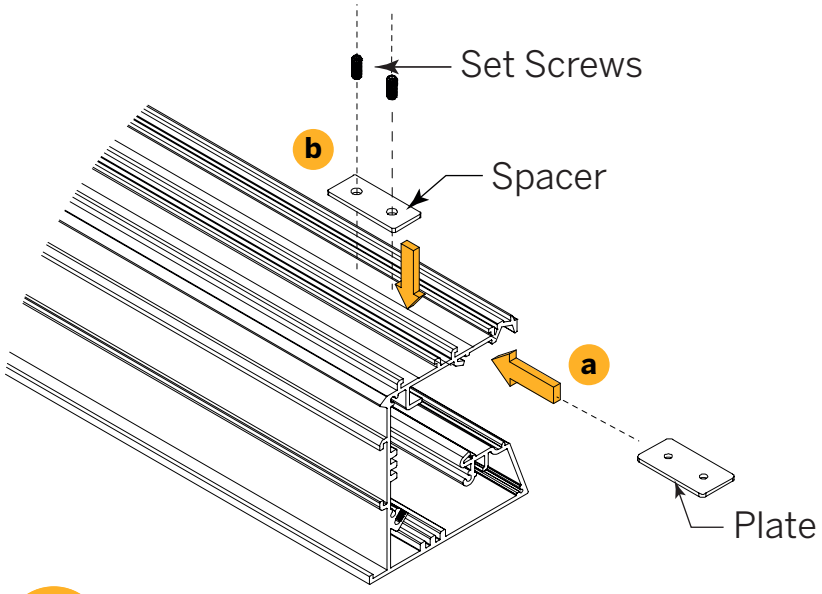
NOTE: If Joiner slides when fitting into corresponding channel, reach into housing curving fingers down and around to slide Joiner back to center between the two units.

Step 8 - ***Install Infill Panel*** - *Open Ceiling Installation only*

a Place Z Cove Spacer on top of Plate. Insert **M4 Flat Head** Set Screws through both together.

b Slide assembly through front channel on top of Housing. Tighten Set Screws to fasten to top of Housing.

Repeat for right and left sides. Some lengths may have an additional fixation point.

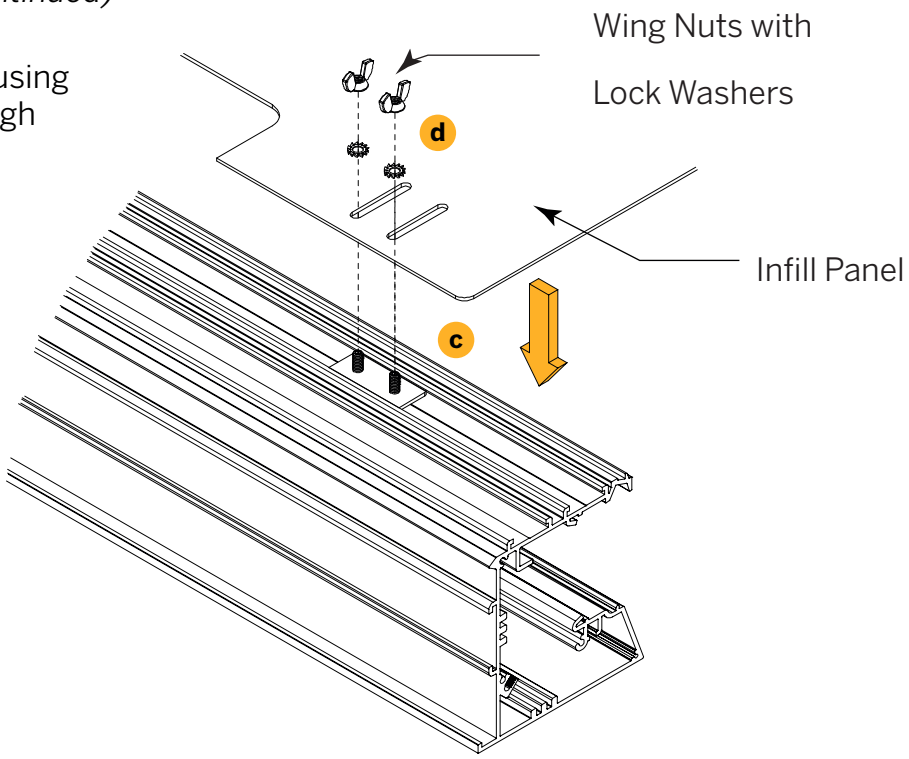


Need Help?

Step 8 - ***Install Infill Panel*** *(continued)*

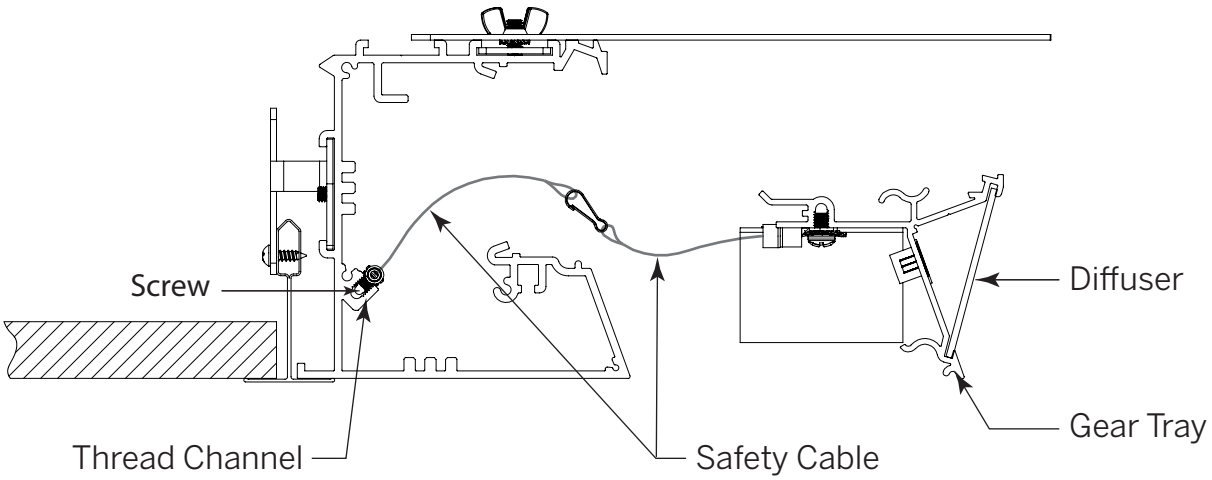
c Lower Infill Panel onto top of Housing such that Set Screws pass through slots in Panel.

d Fasten with Wing Nuts and Lock Washers.



Step 9 - ***Install Safety Cable***

The factory attaches the two-part Safety Cable to the Gear Tray. The free end with screw is now fastened to the Thread Channel in Housing, as shown below.

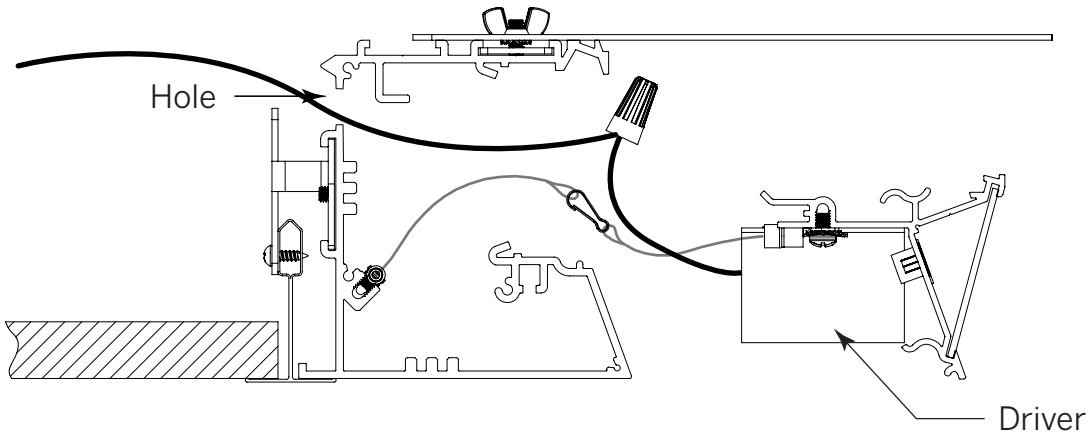


Need Help?

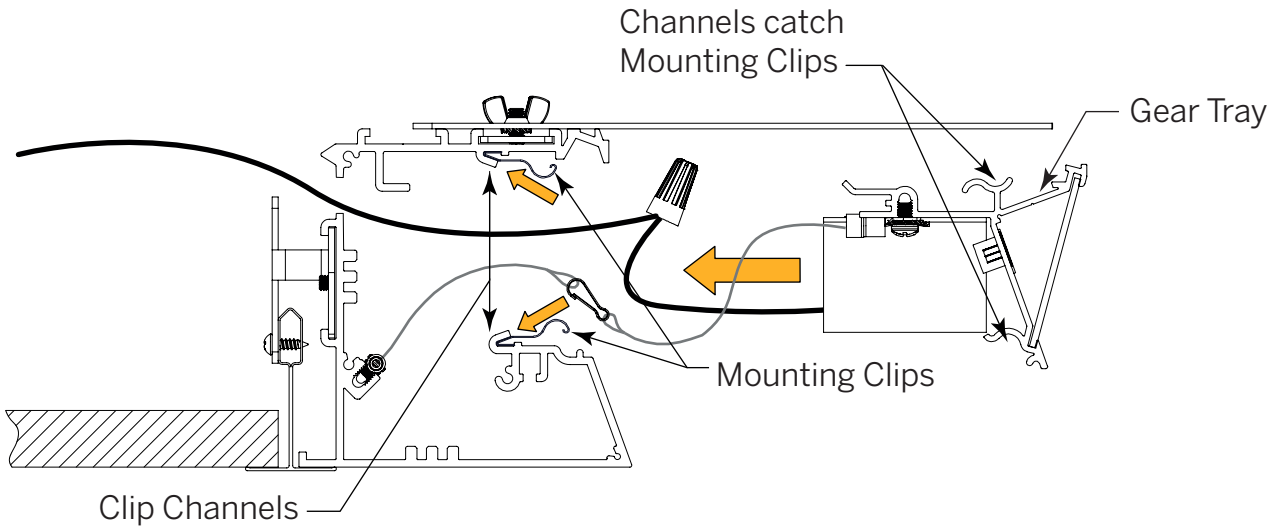
Step 10 - ***Wire & Install Gear Tray***

a Pull Power (and Control) Feed wires through holes in Housing.

b Connect wires from Driver to Power Feed.



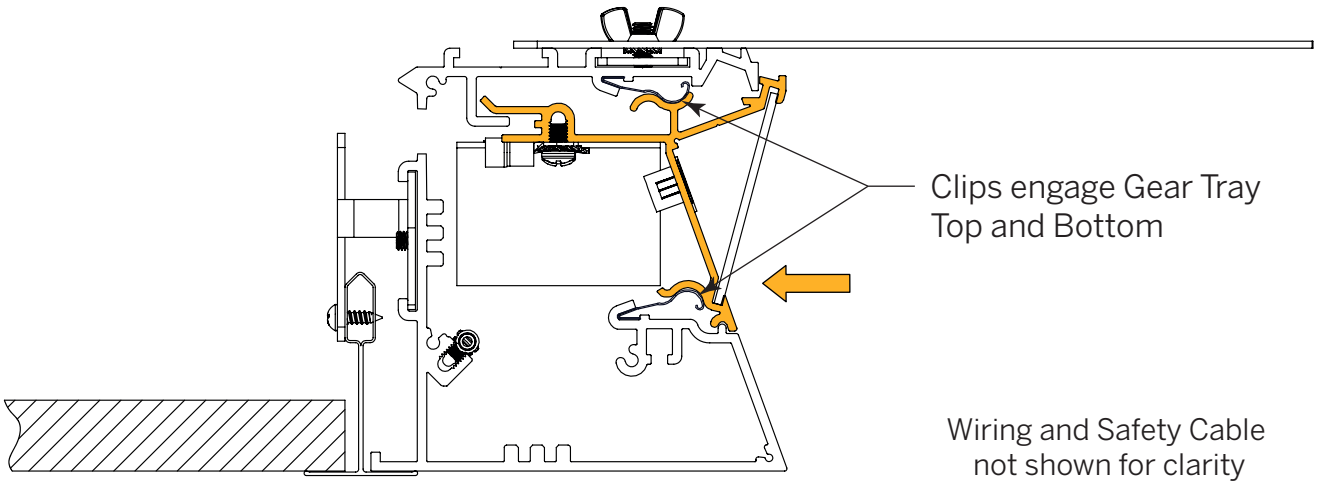
c Gently insert Gear Tray into Housing until caught by Mounting Clips.



Need Help?

Step 10 - ***Wire & Install Gear Tray*** *(continued)*

d Energize!



Gear Tray
Clipped into Position

Wiring Diagrams

E1 = eldoLED 0.1% dimming, 0-10V, *(Static White only)* p. 10
L1 = Lutron 1% dimming, Ecosystem, *(Static White only)* p. 10
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming, *(Static or Tunable White)* p. 11
D2DT8 = eldoLED DALI-2 (DT8), 0.1% dimming, *(Tunable White only)* p. 11
D010 = eldoLED, 10% 0-10V dimming, *(Warm Dim only)* p. 12
DPH = Phase Dimming, 1% dimming, *(Remote Driver/Warm Dim only)* p. 12
L3DAE = Lutron Hi-lume 1% EcoSystem, *(Warm Dim only)* p. 13
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, *(Remote Driver/Warm Dim only)* p. 13
EL96 = eldoLED 0-10V, 0.1% dimming, *(Warm Dim only)* p. 14
DALI = eldoLED DALI-1 (DT6), 0.1% dimming, *(Warm Dim only)* p. 14
DMX = eldoLED 24V, 0.1% DMX dimming, *(Warm Dim + RGBW only)* p. 15

All Drivers available as Integral or Remote unless otherwise noted.

Need Help?

Wiring Diagrams

10/15

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

Static White only!

30W

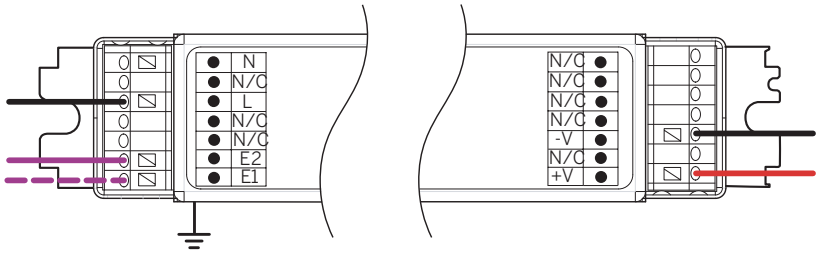


75W



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

Static White only!



Ground

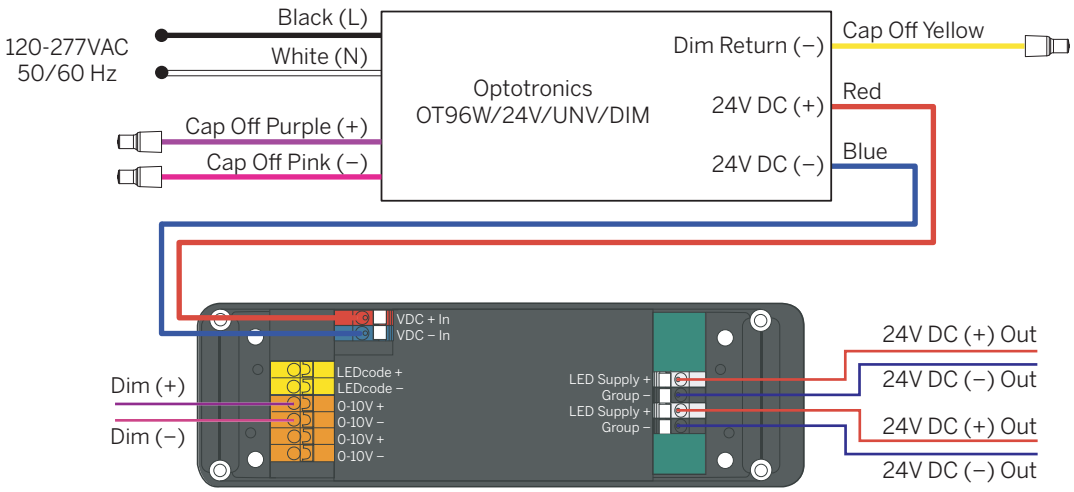
Need Help?

Wiring Diagrams

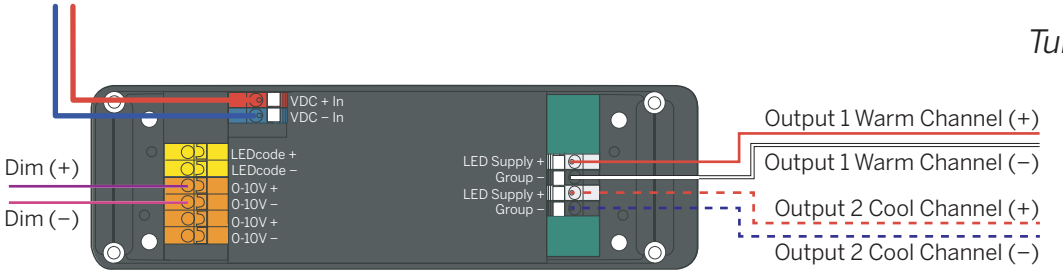
11/15

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

Static White only!

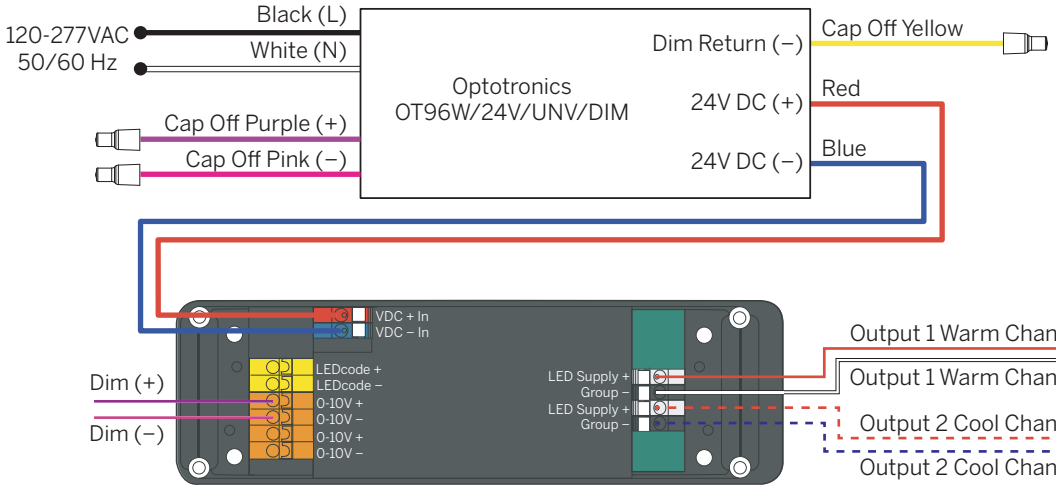


Tunable White only!



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

Tunable White only!



Need Help?

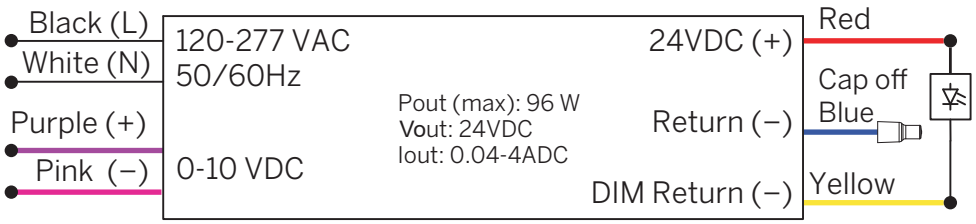
Wiring Diagrams

12/15

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

Warm Dim only!

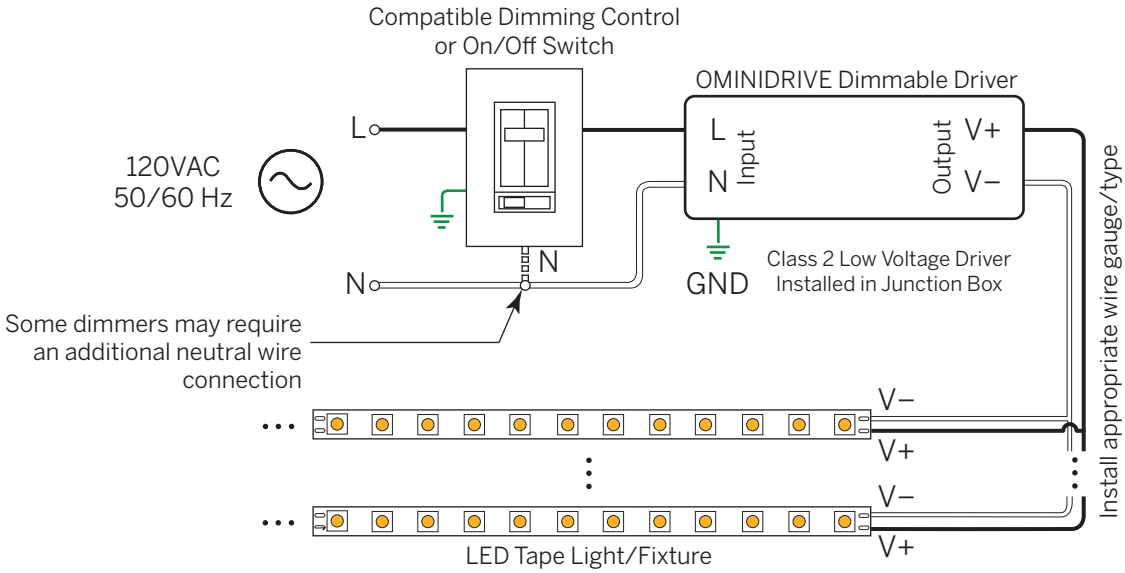
Dimming



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!

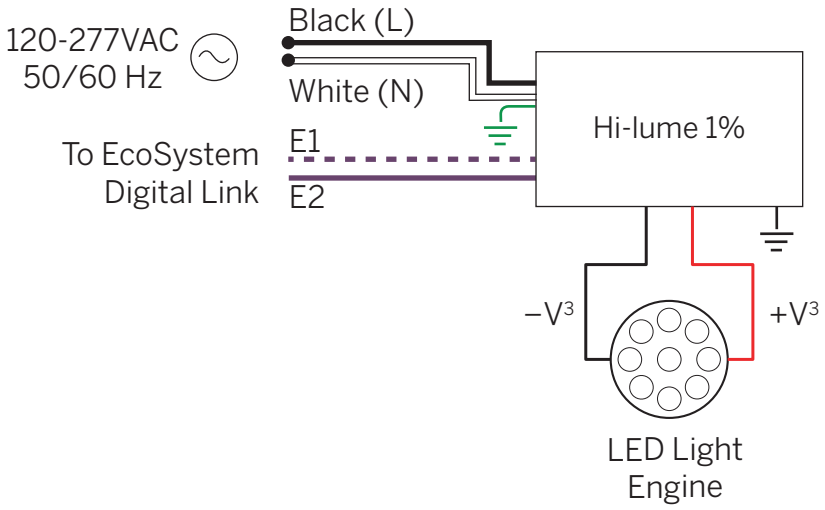


Need Help?

Wiring Diagrams

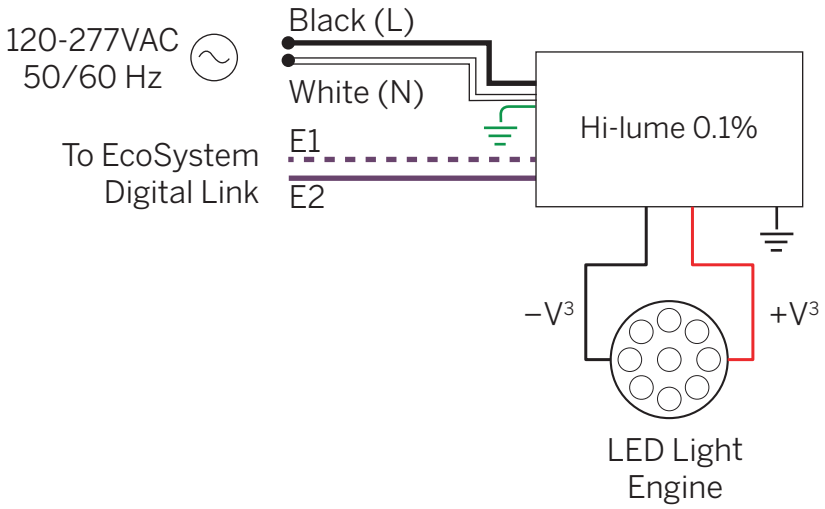
L3DAE = Lutron Hi-lume 1% EcoSystem (120-277V)

Warm Dim only!



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

Remote Driver/Warm Dim only!

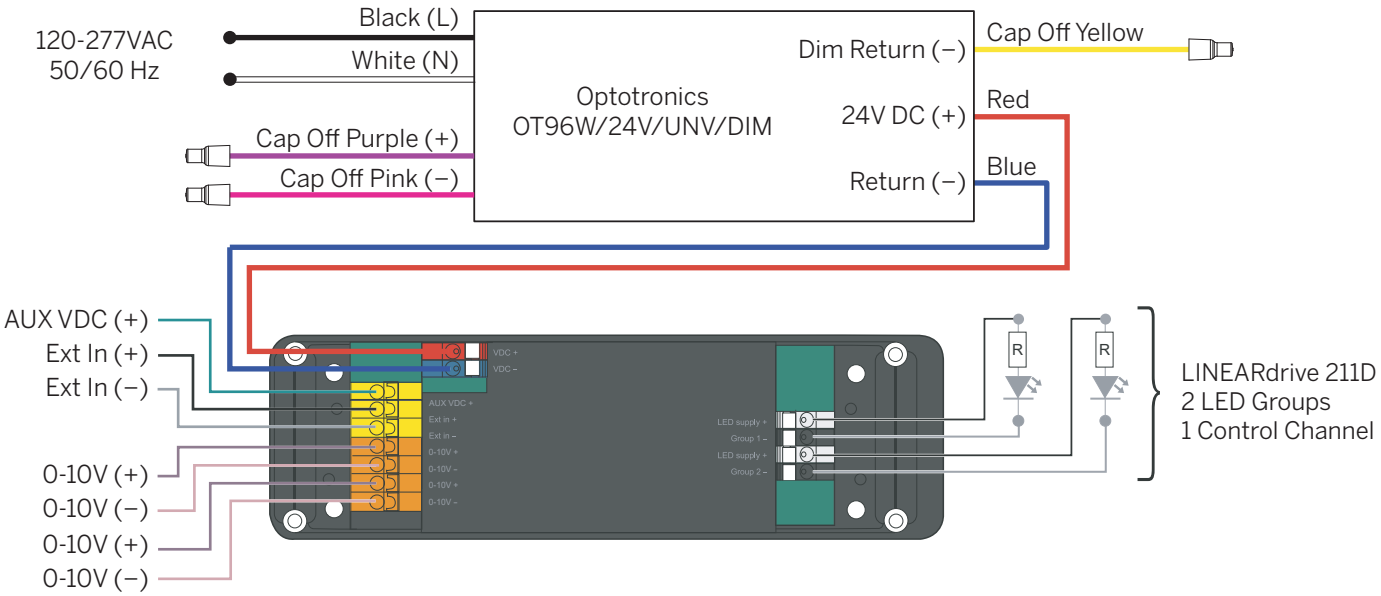


Need Help?

Wiring Diagrams

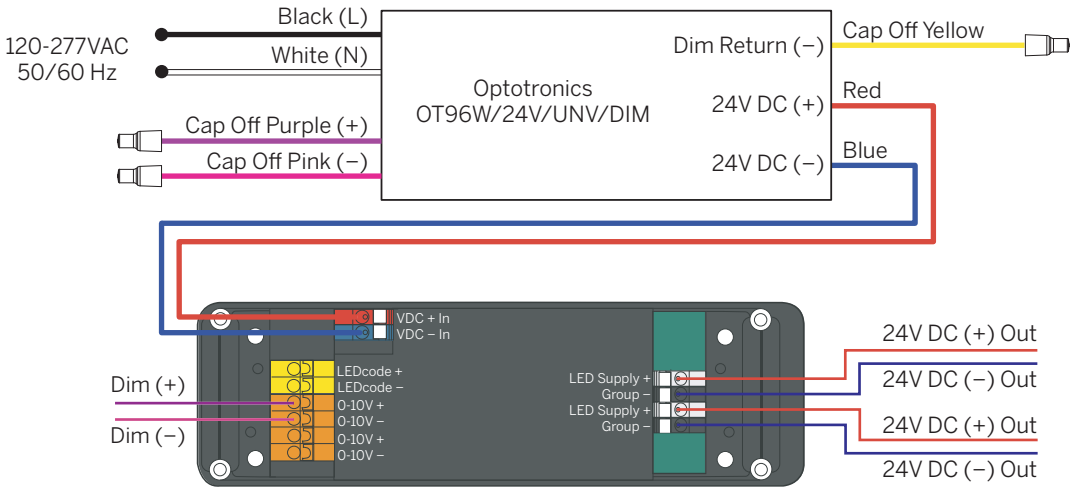
EL96 = eldoLED 0-10V, 0.1% dimming (120-277V)

Warm Dim only!



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

Warm Dim only!

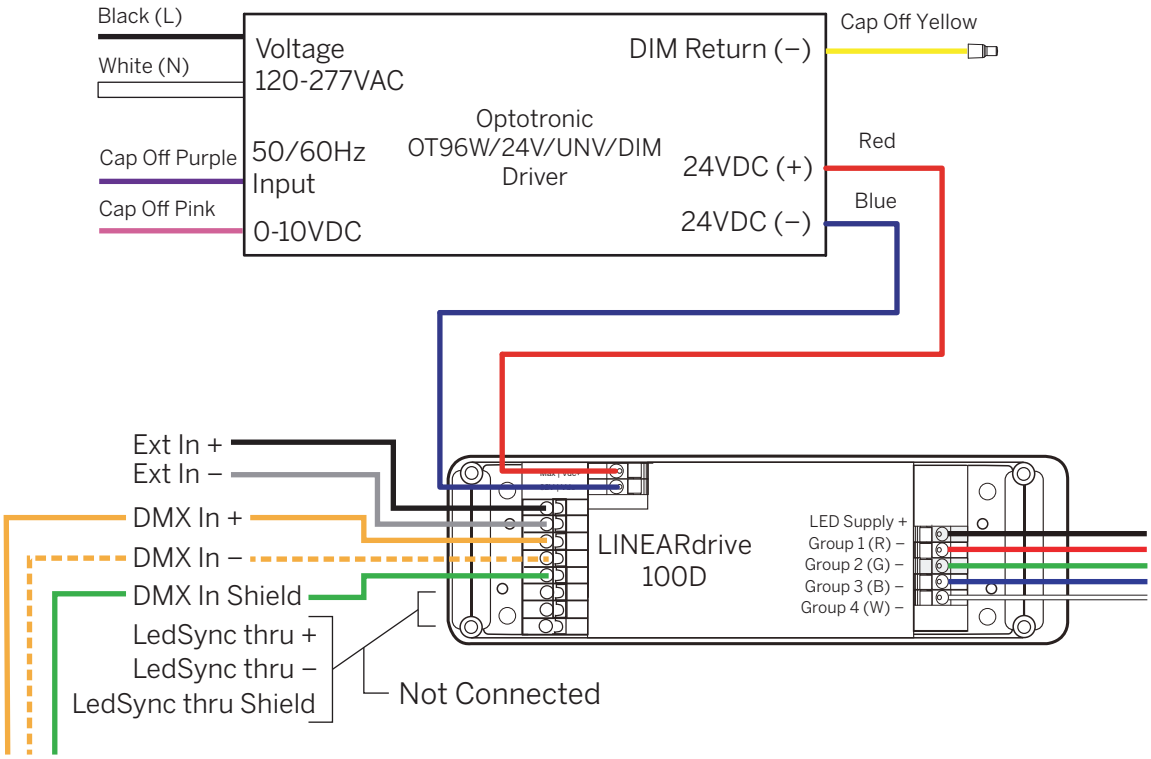


Need Help?

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.