Edgeless Cove

WG-EC-RPT

Cove

Recessed Plaster Trim

Installation Instructions

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

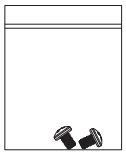
To prevent electrical shock disconnect electrical supply before installation or servicing.

Never connect a Fixture to a Live Driver!!!

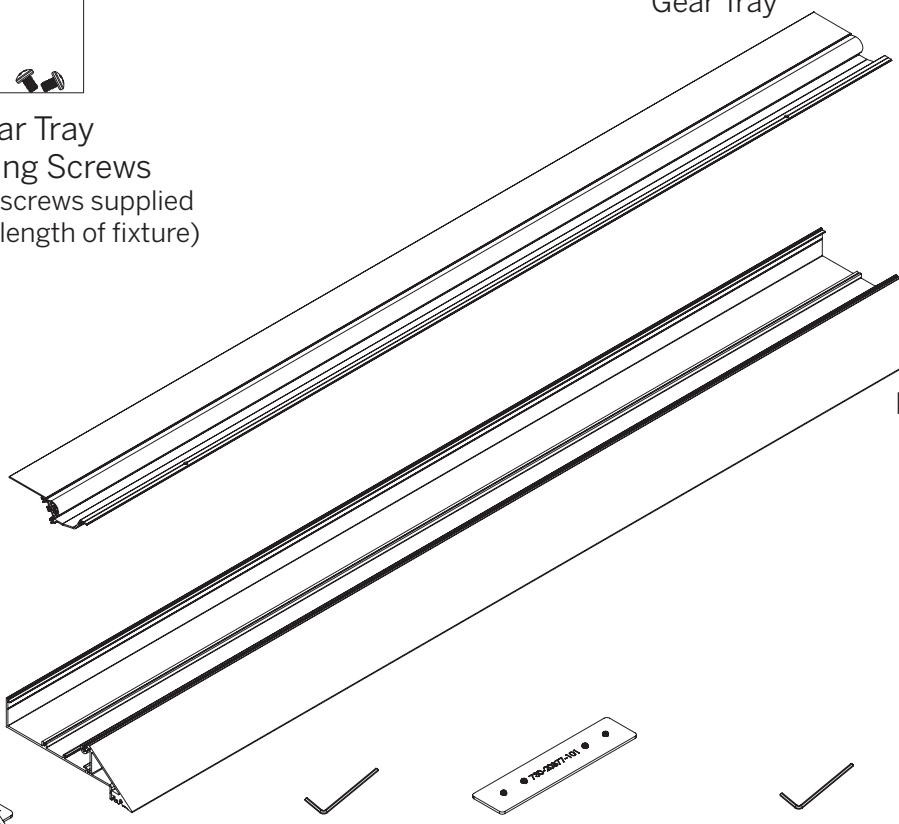
Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.

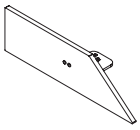
Step 1 - ***Open the Box***

Unpack luminaire unit. Each unit consist of ***two*** major parts: Housing and an unmounted Gear Tray with Lens. Integral Drivers supplied by Inter-lux.



Gear Tray
Mounting Screws
(number of screws supplied depends on length of fixture)



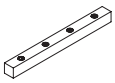


Optional *End Caps are supplied assembled in Kits on* ***Stand Alone Units*** *and on* ***Multi Unit Runs***

2mm
Hex Key

(1) Wide Joiner with Set Screws

1.5mm
Hex Key



(1) Narrow Joiner with Set Screws

Need Help?

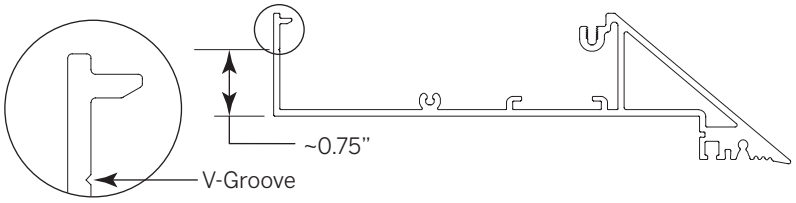
Step 2 - ***Prep Housing***

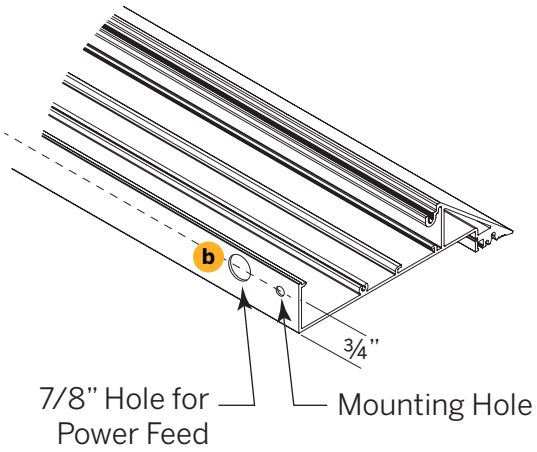
a Drill Mounting Holes in Housing Ends on V-Groove (inside Housing) or approximately 0.75" from bottom (outside Housing) as shown above.

b Drill a 7/8" Hole for the Power Feed, one per run on Start side.

c Insert Cable Clamp (by others) into Power Feed Hole.

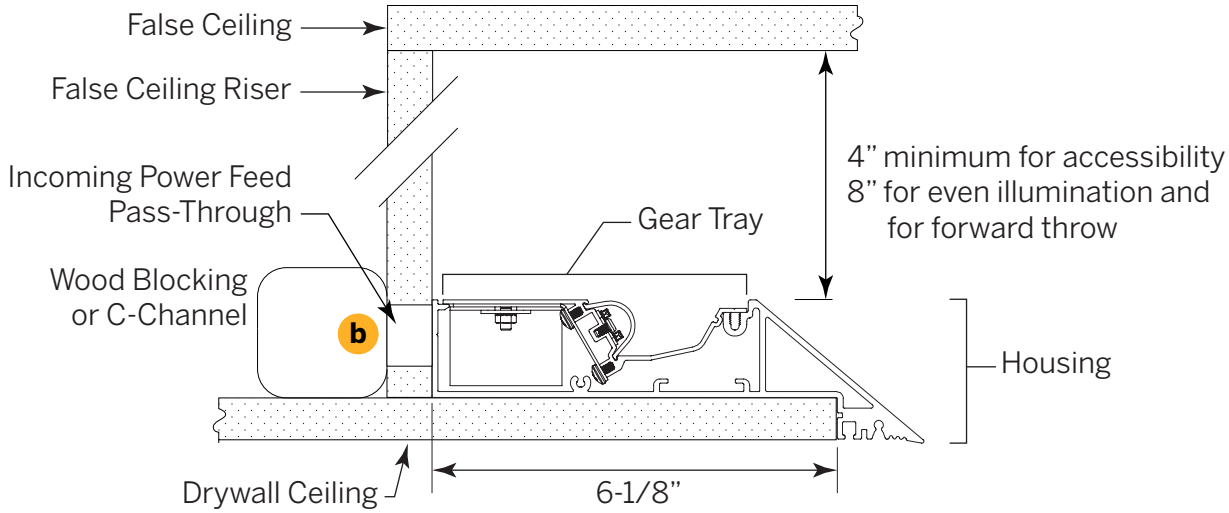
NOTE: Locationd of Power Feed and mounting holes shown at right are for illustration only. Refer to Record Drawing to determine location based on specific installation.





Step 3 - ***Prep Ceiling***

a Create a False Ceiling with Blocking as shown below. Mounting screws/anchors *by others*.



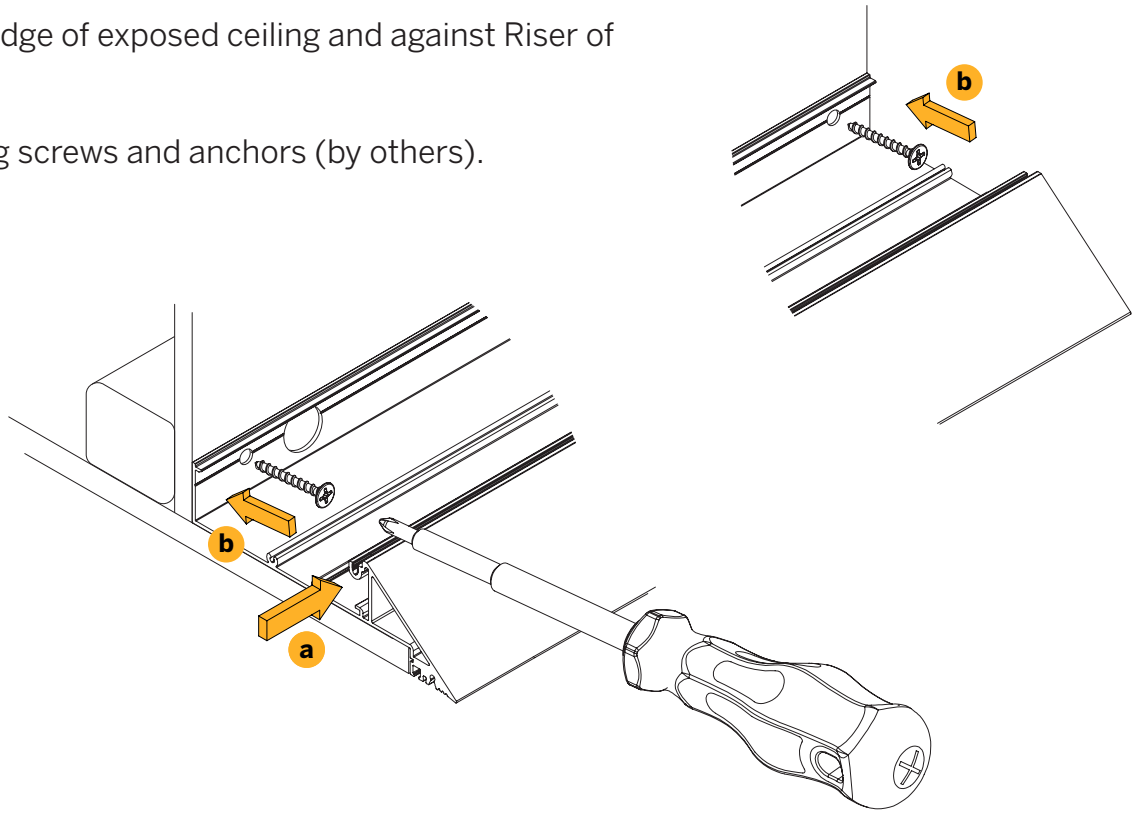
b Corresponding to Power Feed Hole drilled in Housing, drill hole in Riser sized for Cable Clamp (by others) for incoming Power Feed.

Need Help?

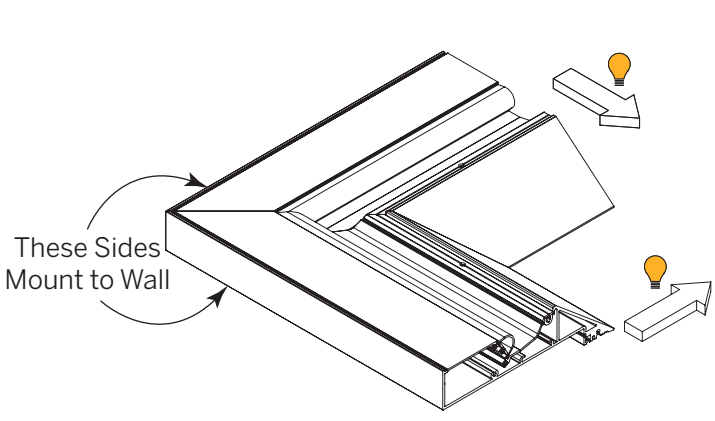
Step 4 - ***Install Housing***

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

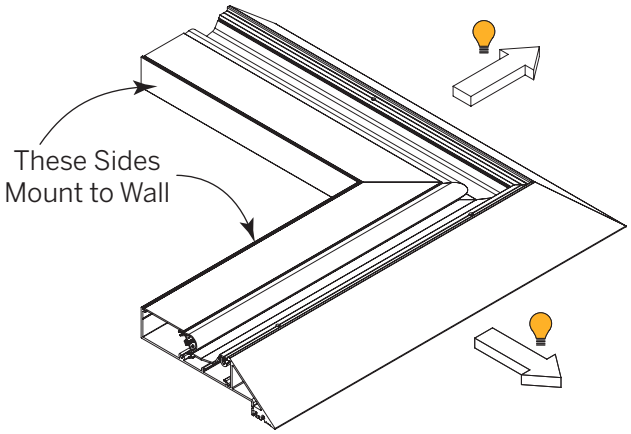
b Fasten Housing using screws and anchors (by others).



When installing a Pattern, start with a Corner. The Pattern Coffer and Pattern Raft Corners (PC & PR) and the Plane-to-Plane Pattern Inside and Outside Corners (PPI & PPO) are welded at the factory. Follow ***Steps 4 - 6*** to mount to existing Run. Arrows indicate light direction.



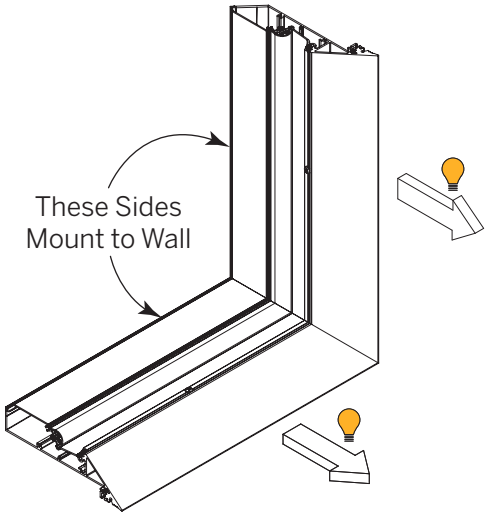
Pattern Coffer (PC)



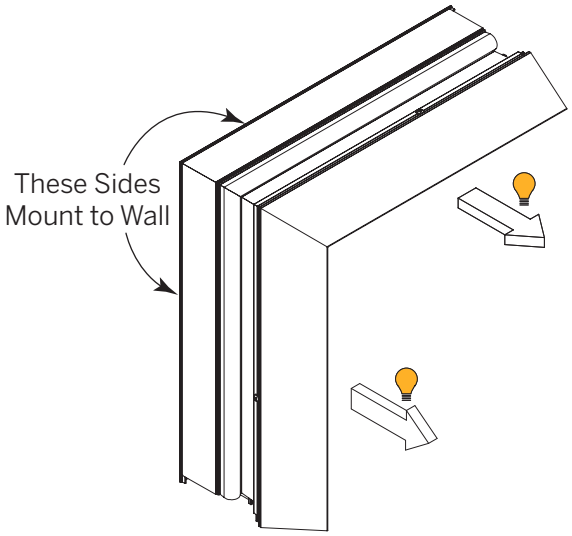
Pattern Raft (PR)

Need Help?

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



Plane-to-Plane Inside (PPI)



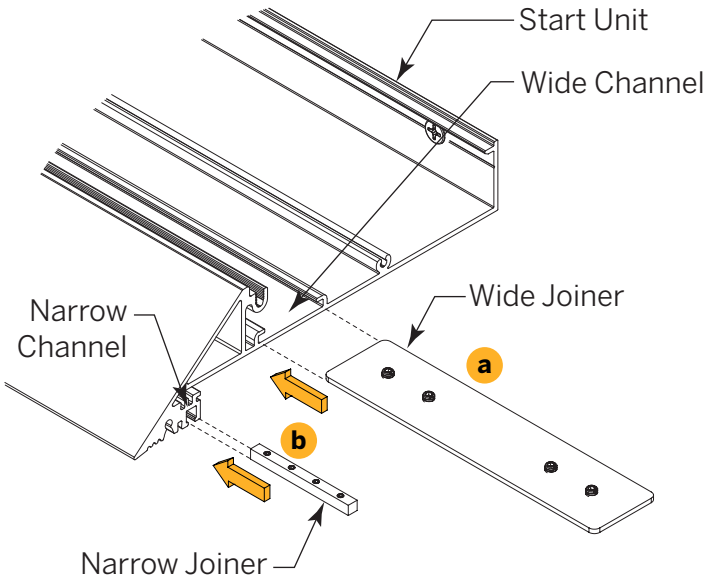
Plane-to-Plane Outside (PPO)

Step 5 - ***Insert Joiners*** - *Multi Unit Run only*

a Insert Wide Joiner on far end of Start Unit Housing. Slide Jointer *completely* into Wide Channel.

b Insert Narrow Joiner on far end of Start Unit Housing. Slide Joiner *completely* into Narrow Channel.

c ***Do not*** fasten Set Screws at this time.



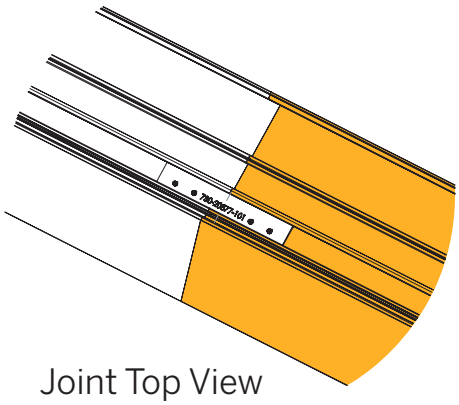
Need Help?

Step 6 - ***Join Housings*** - *Multi Unit Run only*

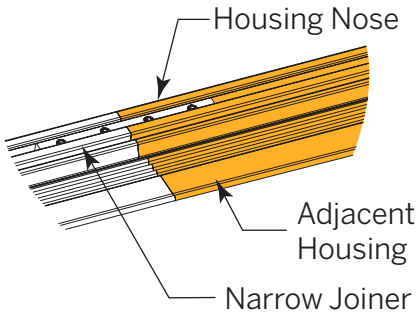
a As in Step 4, slide Housing onto Edge of exposed Ceiling and against Riser of False Ceiling. Butt up to previous Housing.

b Slide Wide and Narrow Joiners such that they bridge both units equally. Tighten Set Screws: Wide Joiner from the top using the supplied 2mm Hex Key; Narrow Joiner from the bottom using the the supplied 1.5mm Hex Key.

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



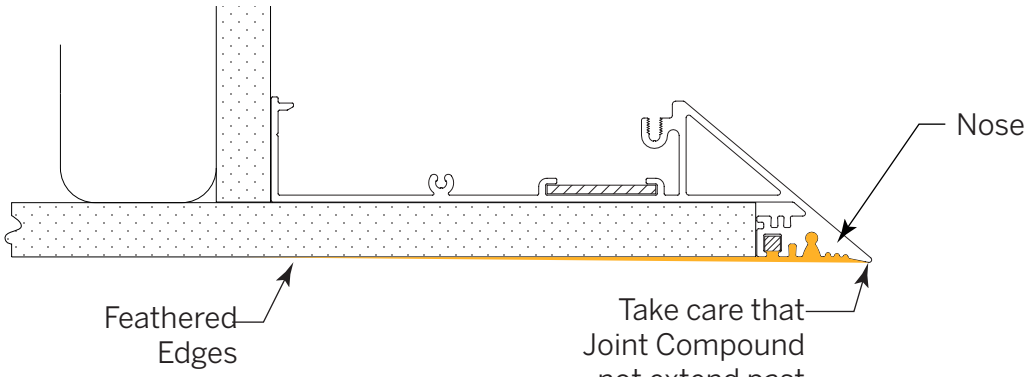
Joint Top View

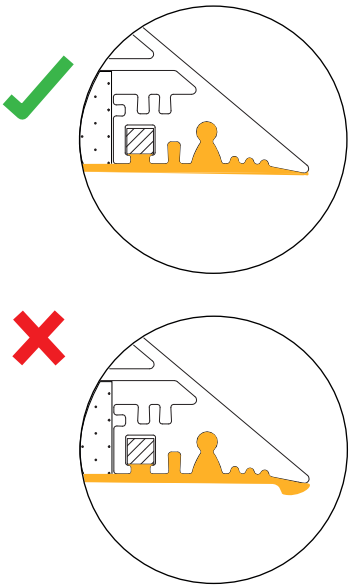


Joint Bottom View

Step 7 - ***Apply Joint Compound***

Apply Joint Compound all around the trim taking care to apply it flush with the Nose of the Housing.





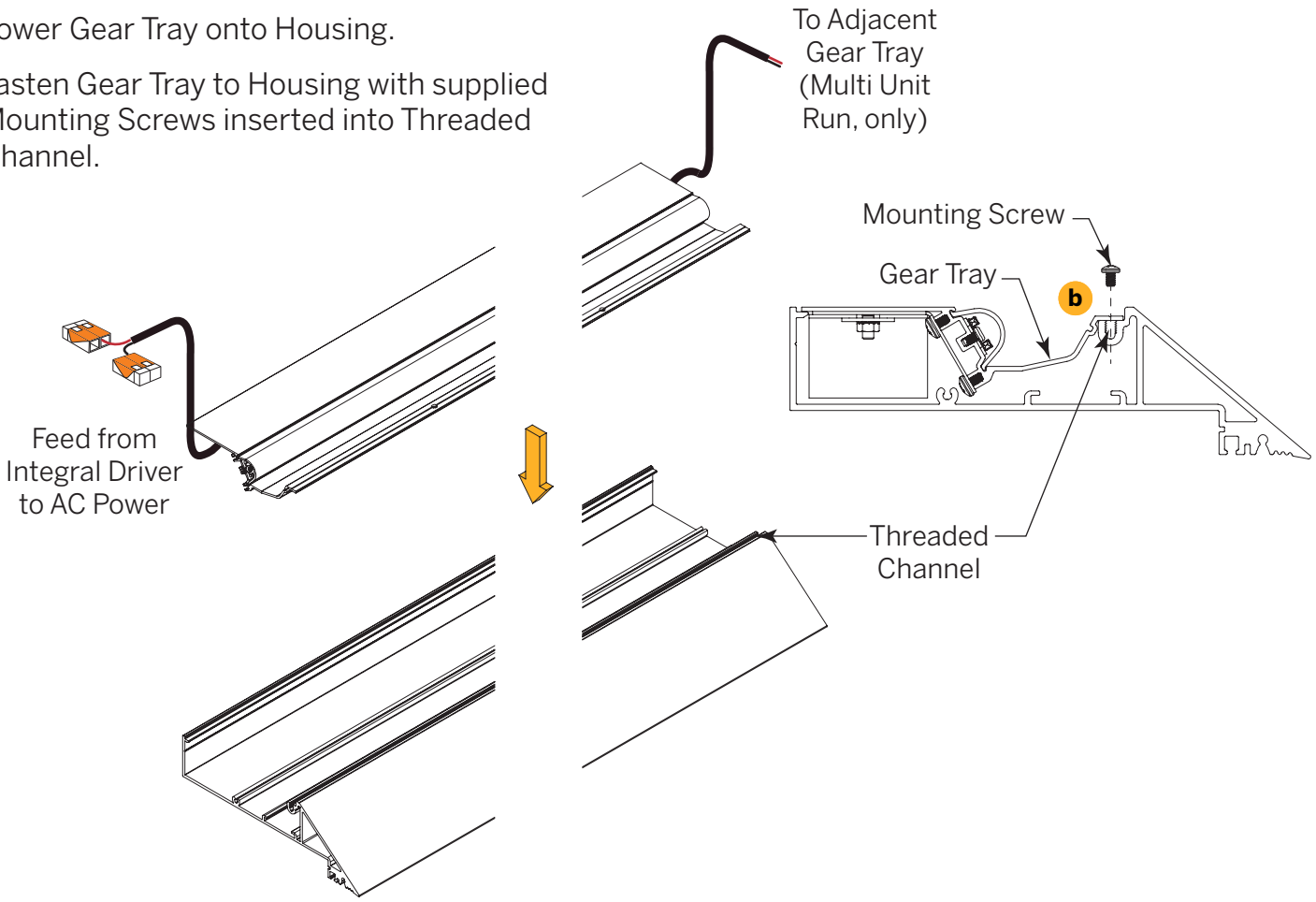
Need Help?

Step 8 - ***Wire and Install Gear Tray(s)***

Select relevant Wiring Diagram found at the end of this document. For more detailed information, see the Driver Information pages for this product on our website.

a Lower Gear Tray onto Housing.

b Fasten Gear Tray to Housing with supplied Mounting Screws inserted into Threaded Channel.



c Connect Incoming AC Power Feed to Integral Driver. Connect other end of Gear Tray to adjacent Unit in a Run.

d *Energize!*

Wiring Diagrams

E1 = eldoLED 0.1% dimming, 0-10V, *(Static White only)* p. 7, 8
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



50W



Need Help?

Wiring Diagrams

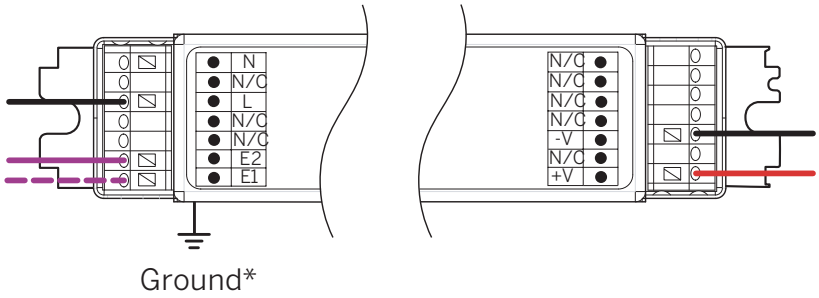
E1 = eldoLED 0.1% dimming, 0-10V (120-277V) *continued*

Static White only!



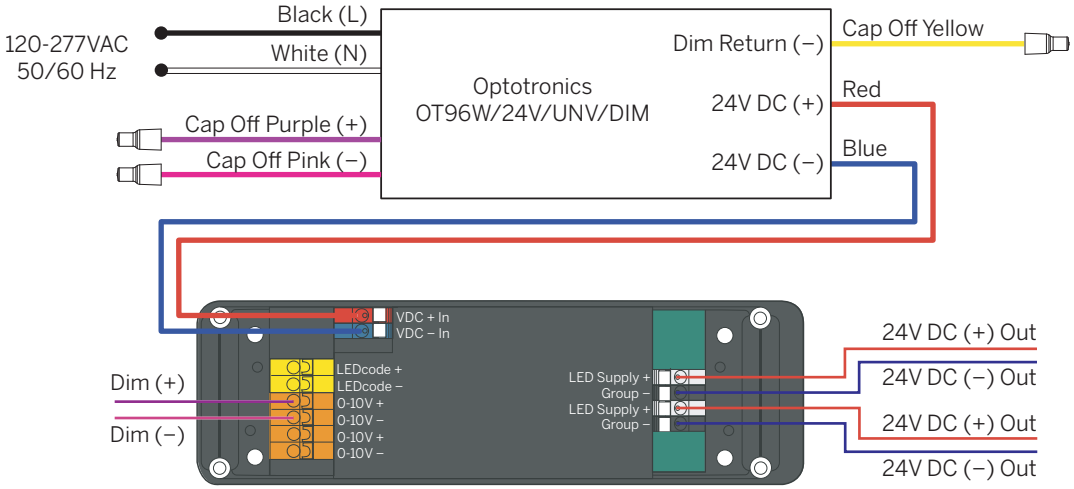
L1 = Lutron 1% dimming, Ecosystem (120-277V)

Static White only!



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

Static White only!

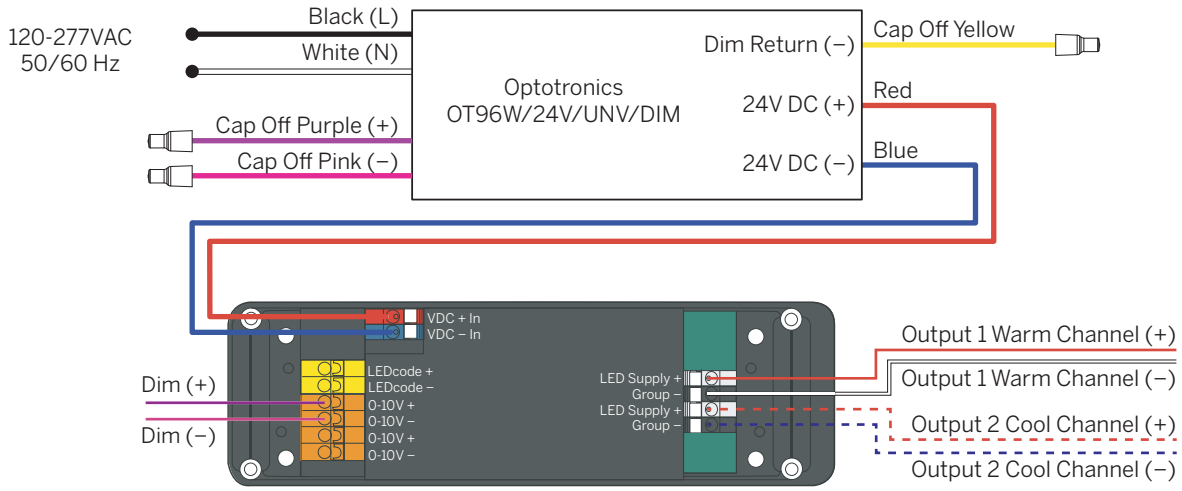


Need Help?

Wiring Diagrams

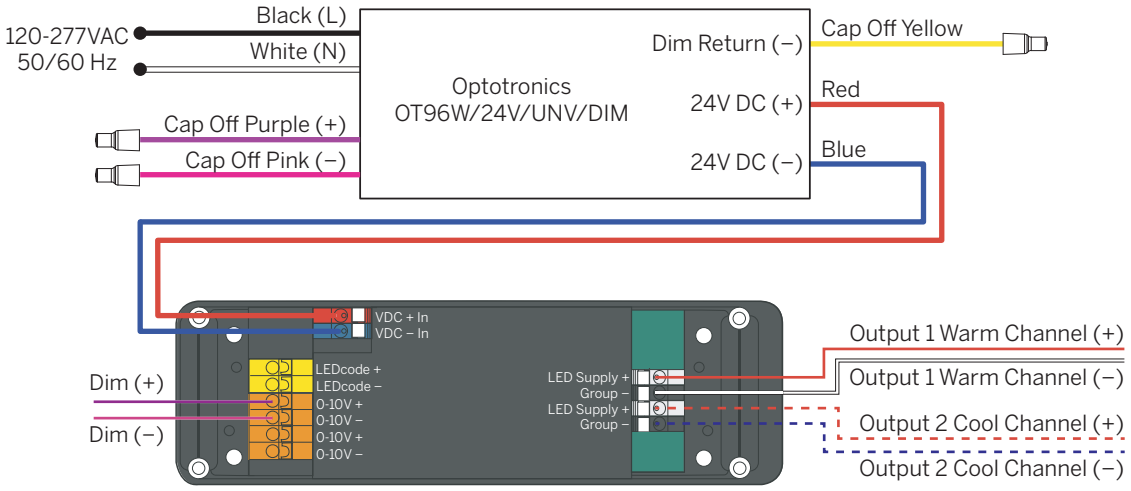
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming (120-277V)

Tunable White only!



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

Tunable White only!



Need Help?

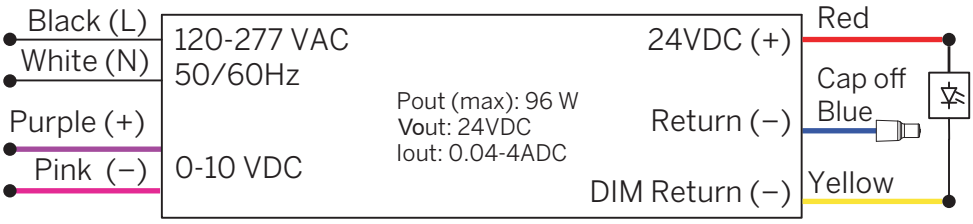
10/13

Wiring Diagrams

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

Warm Dim only!

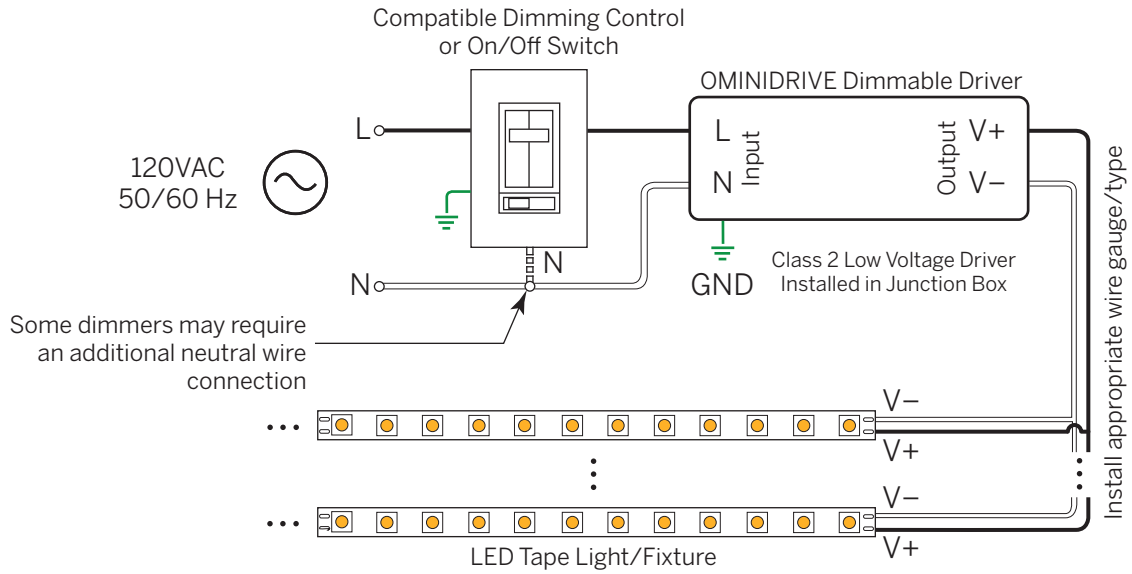
Dimming



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!

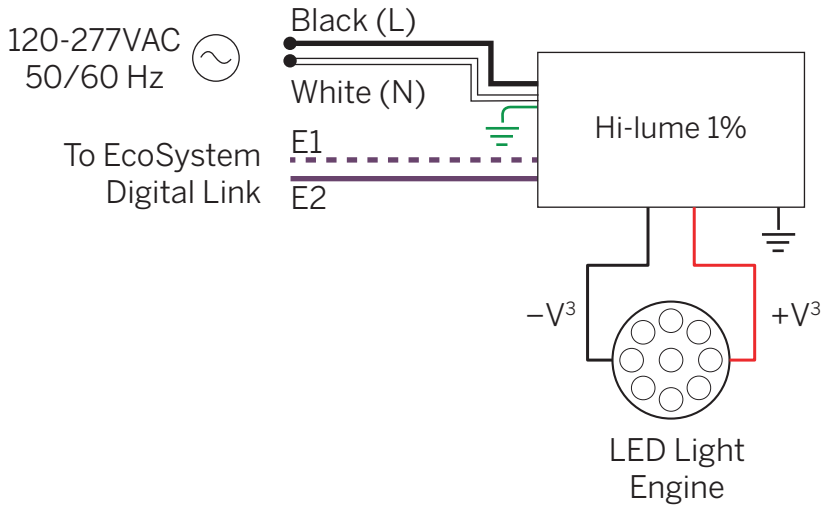


Need Help?

Wiring Diagrams

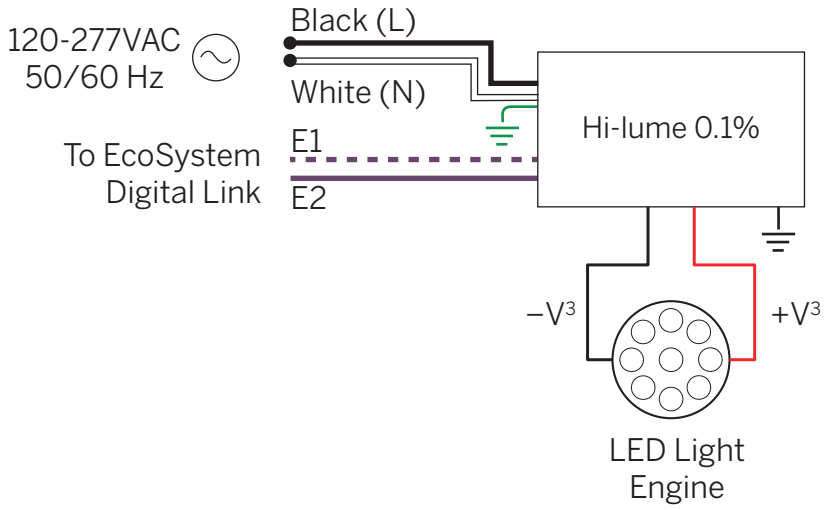
L3DAE = Lutron Hi-lume 1% EcoSystem (120-277V)

Warm Dim only!



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

Remote Driver/Warm Dim only!

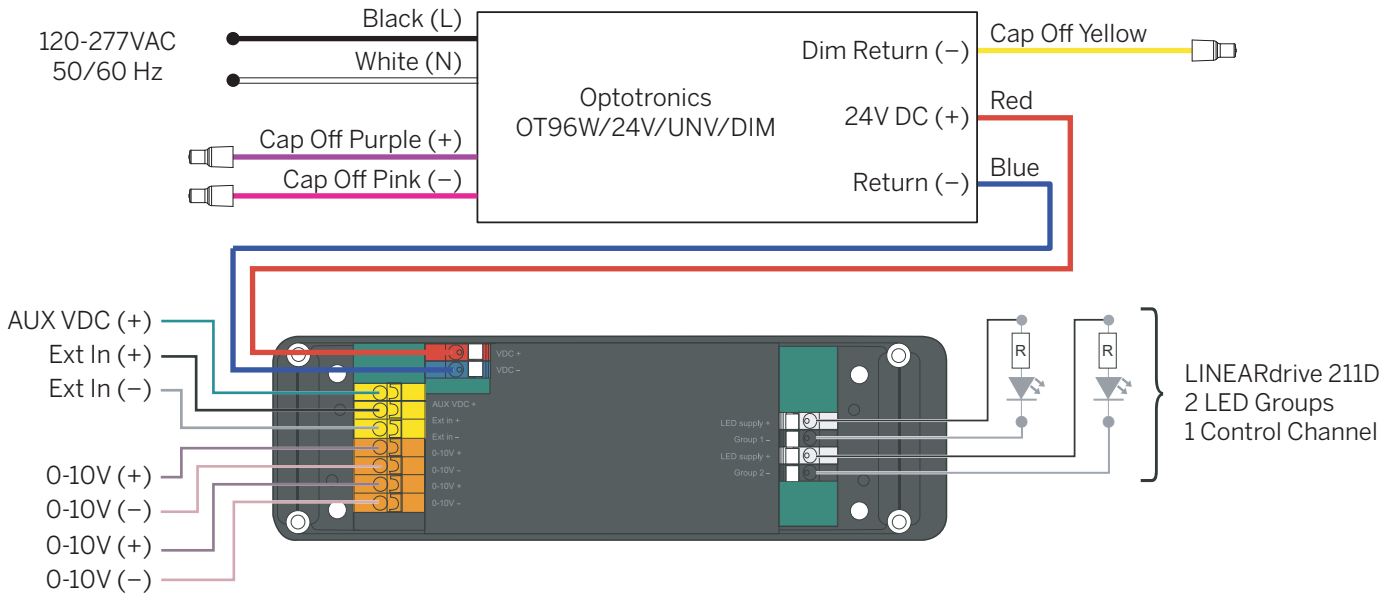


Need Help?

Wiring Diagrams

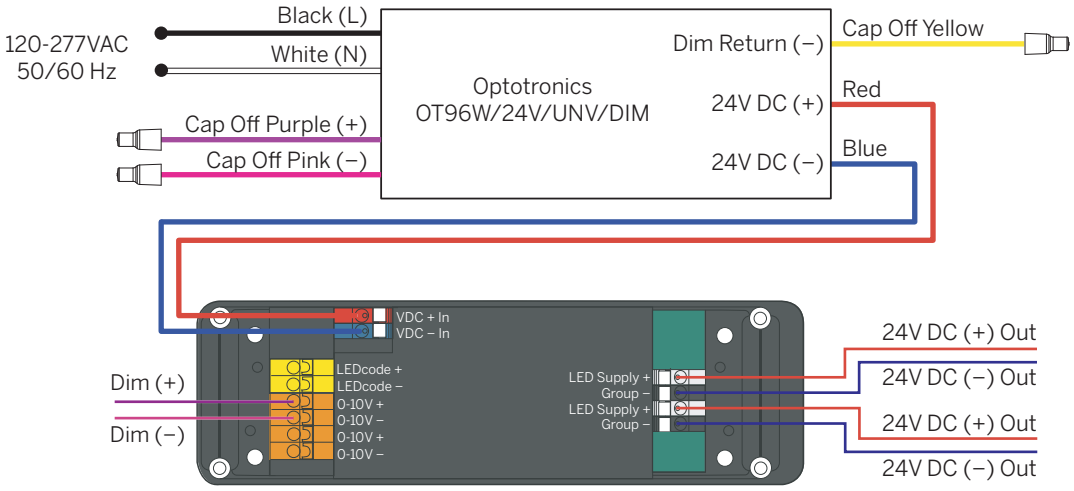
EL96 = eldoLED 0-10V, 0.1% dimming (120-277V)

Warm Dim only!



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

Warm Dim only!

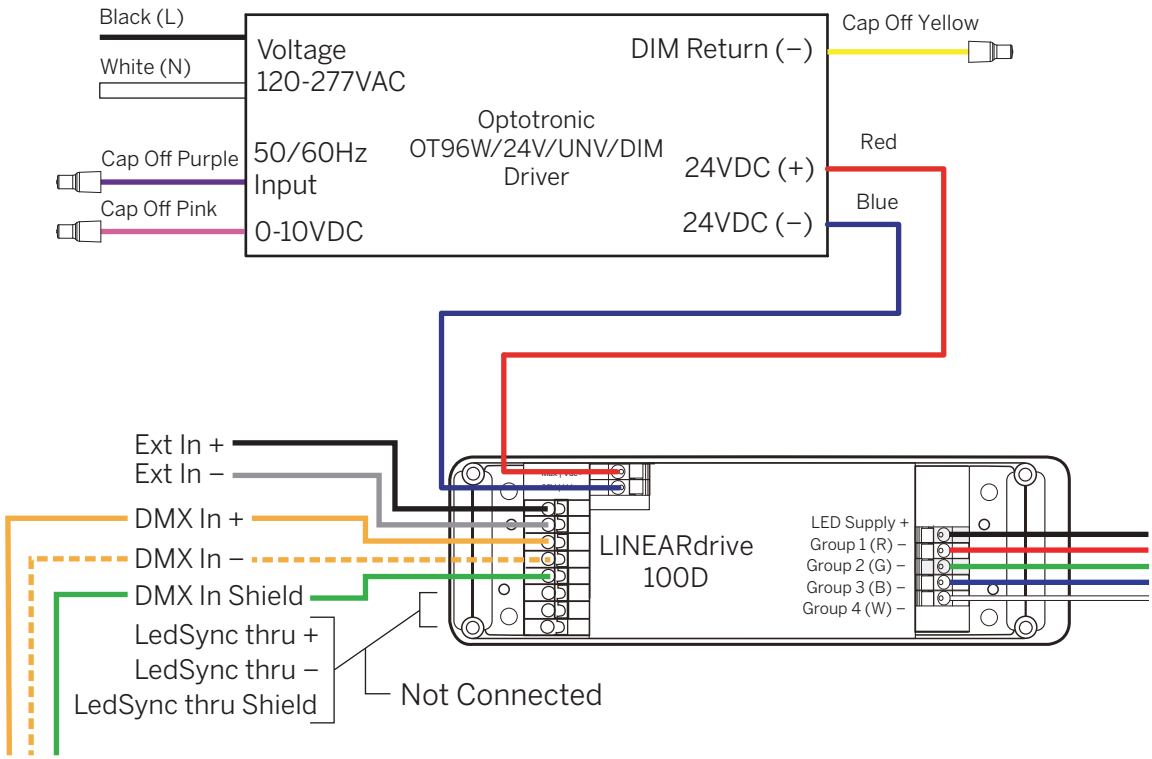


Need Help?

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?