**V Cove**
WG-VBC-RBT

# Installation Instructions

**Perimeter**
Recessed Bezel Trim

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

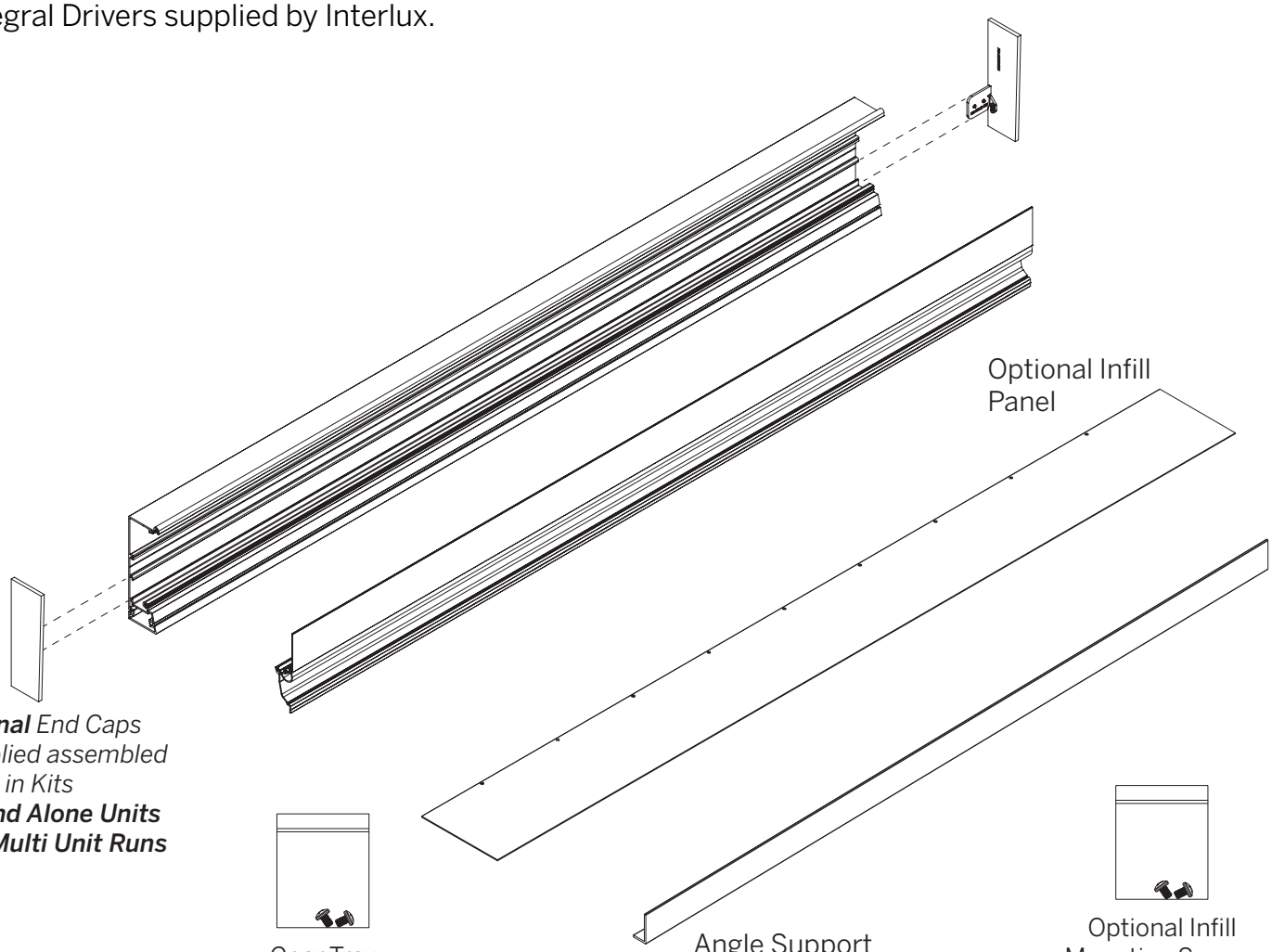
To prevent electrical shock disconnect electrical supply before installation or servicing.

***Never connect a 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.



Optional Infill Panel

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

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

Angle Support for Optional Infill Panel (Mounting Screws by others)

Optional Infill Mounting Screws (number of screws supplied depends on length of fixture)



2mm Hex Key



(1) Wide Joiner with Set Screws

**Need Help?**



1.5mm Hex Key

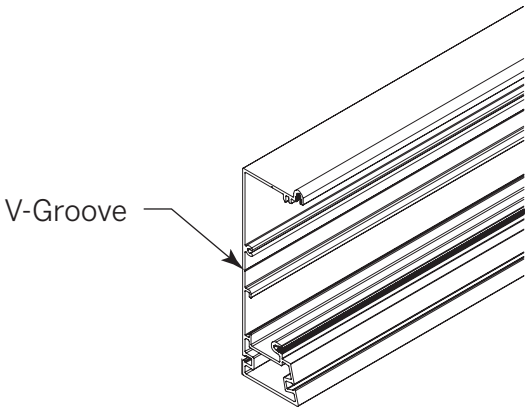


(1) NarrowJoiner with Set Screws

## Step 2 - ***Prep Housing***

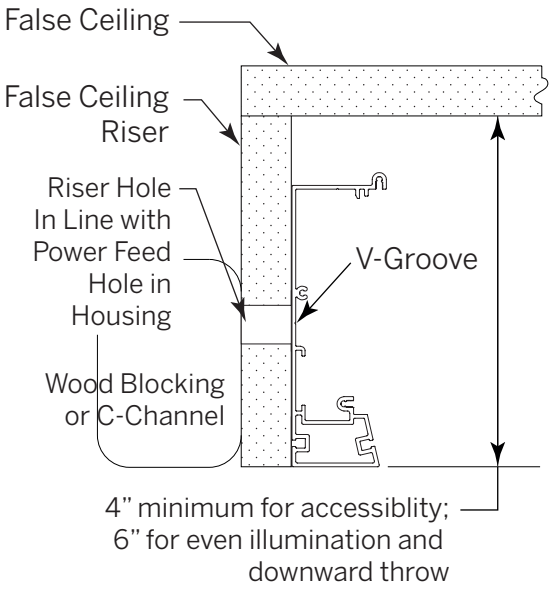
Drill holes 16” on center into Mounting Channel on V-Groove, as needed.

Use same V-Groove to drill Power Feed Hole.

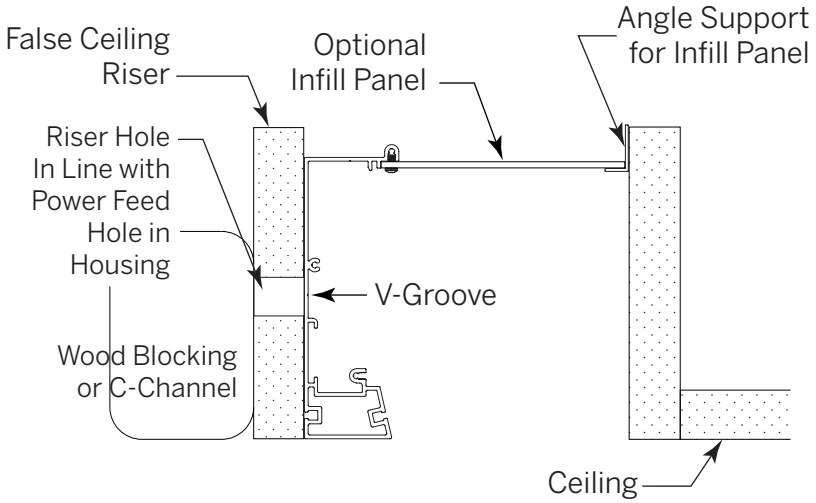



## Step 3 - ***Prep Ceiling***

**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 an Accessible Open Ceiling Using 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***

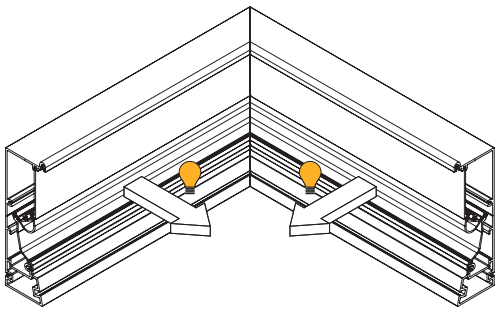
**a** Slide Housing against Riser of False Ceiling.

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

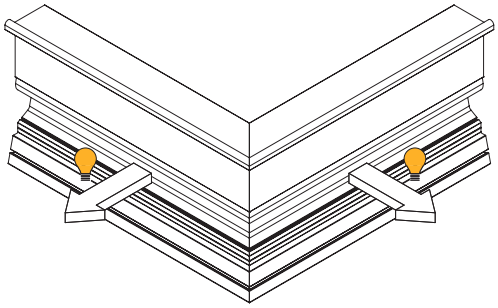
Need Help?

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

When installing a Pattern, start with a Corner. The Pattern Inside and Outside Corners (PI and PO) are welded at the factory. Follow ***Step 6*** to join to existing Run. Arrow indicate light direction.



***Pattern Inside*** (PI)

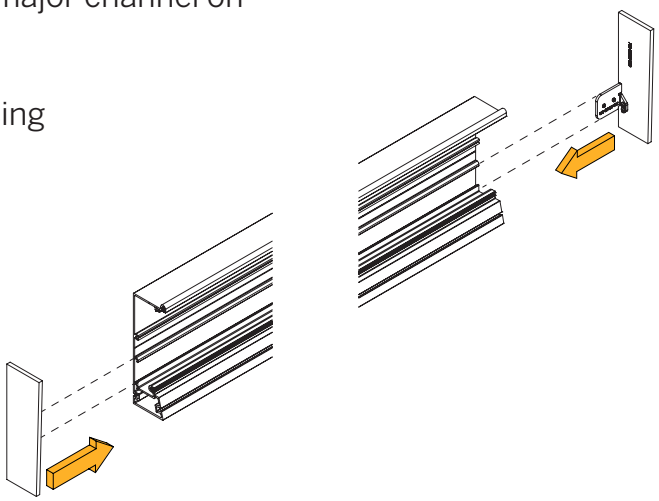


***Pattern Outside*** (PO)

## 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.



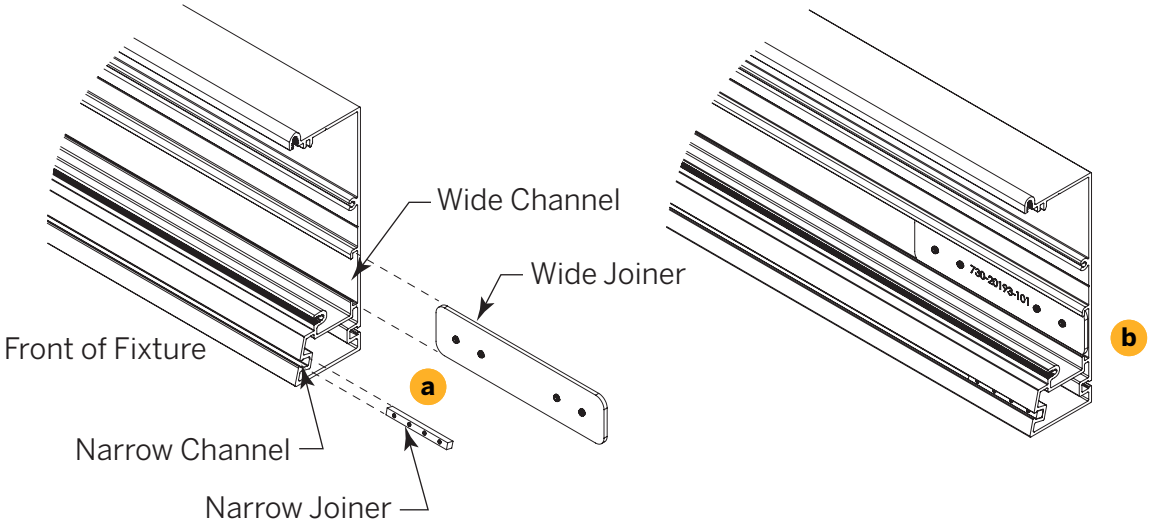
Need Help?

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

**a** 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 Jointer *completely* into Narrow Channel.

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

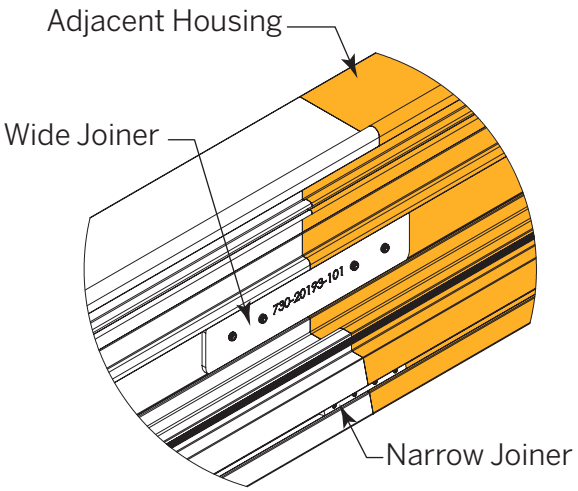



## Step 7 - ***Join Housings*** - *Multi Unit Run only*

**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 & 2mm Hex Keys.

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



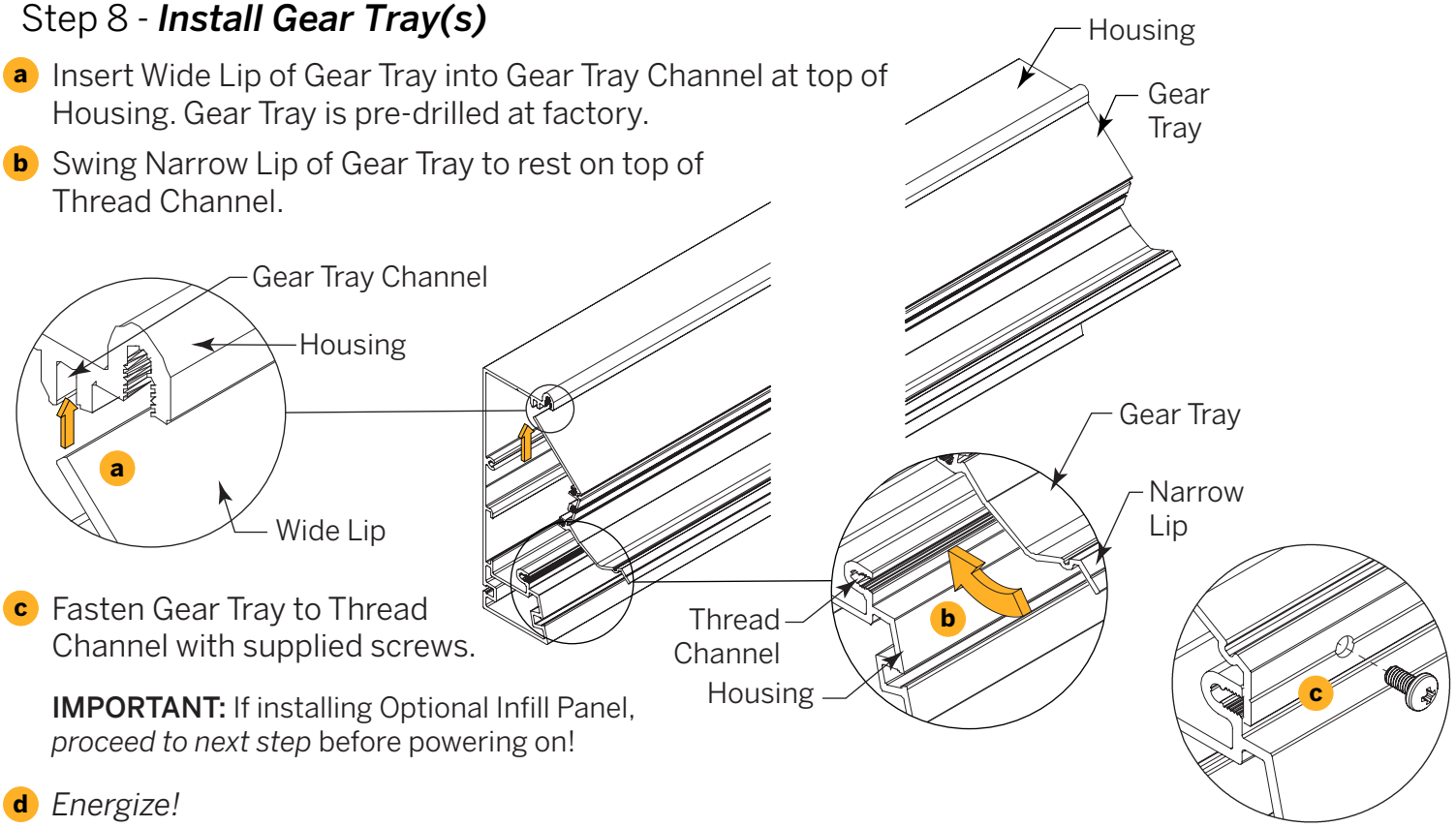

Joint Front View

Need Help?

## Step 8 - ***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.



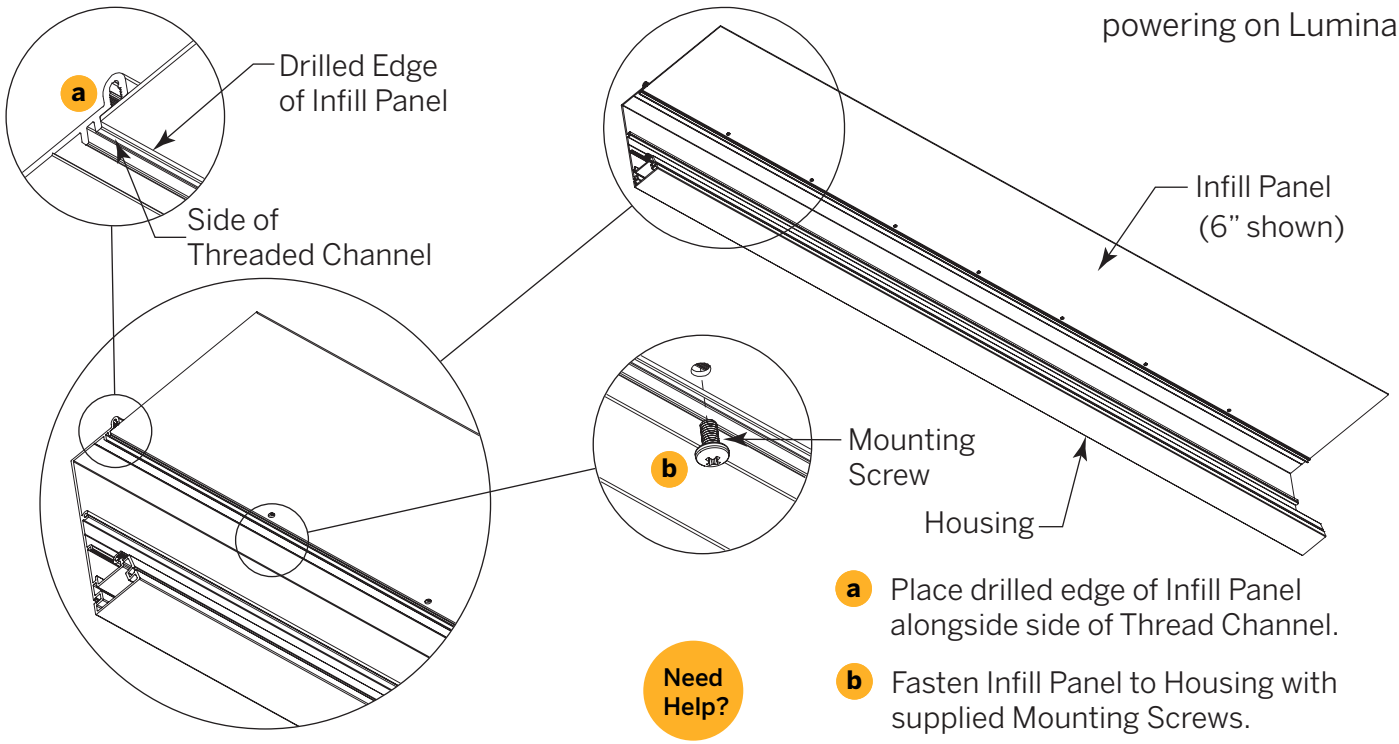

**c** Fasten Gear Tray to Thread Channel with supplied screws.

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

**d** *Energize!*

## Step 9 - ***Install Optional Infill Panel***

**IMPORTANT:** Install Infill Panel before powering on Luminaire!




**a** Place drilled edge of Infill Panel alongside side of Thread Channel.

**b** Fasten Infill Panel to Housing with supplied Mounting Screws.

Need Help?

# *Wiring Diagrams*

E1 = eldoLED 0.1% dimming, 0-10V, *(Static White only)* p. 6
L1 = Lutron 1% dimming, Ecosystem, *(Static White only)* p. 7
D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming, *(Static or Tunable White)* p. 7, 8
D2DT8 = eldoLED DALI-2 (DT8), 0.1% dimming, *(Tunable White only)* p. 8
D010 = eldoLED, 10% 0-10V dimming, *(Warm Dim only)* p. 9
DPH = Phase Dimming, 1% dimming, *(Remote Driver/Warm Dim only)* p. 9
L3DAE = Lutron Hi-lume 1% EcoSystem, *(Warm Dim only)* p. 10
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, *(Warm Dim only)* p. 10
EL96 = eldoLED 0-10V, 0.1% dimming, *(Warm Dim only)* p. 11
DALI = eldoLED DALI-1 (DT6), 0.1% dimming, *(Warm Dim only)* p. 11
DMX = eldoLED 24V, 0.1% DMX dimming, *(Integral Driver/Warm Dim + RGBW only)* p. 12

All Drivers available as Integral or Remote unless otherwise noted.

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

*Static White only!*

30W




75W

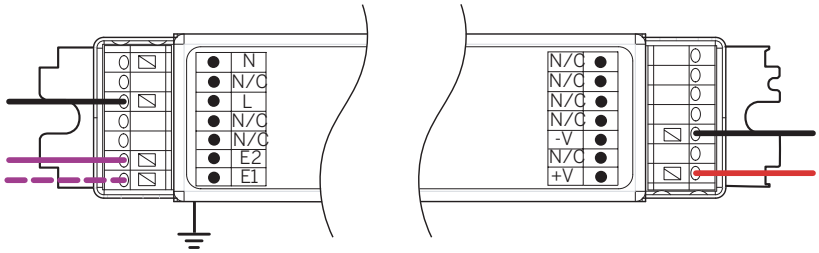



Need Help?

# *Wiring Diagrams*

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

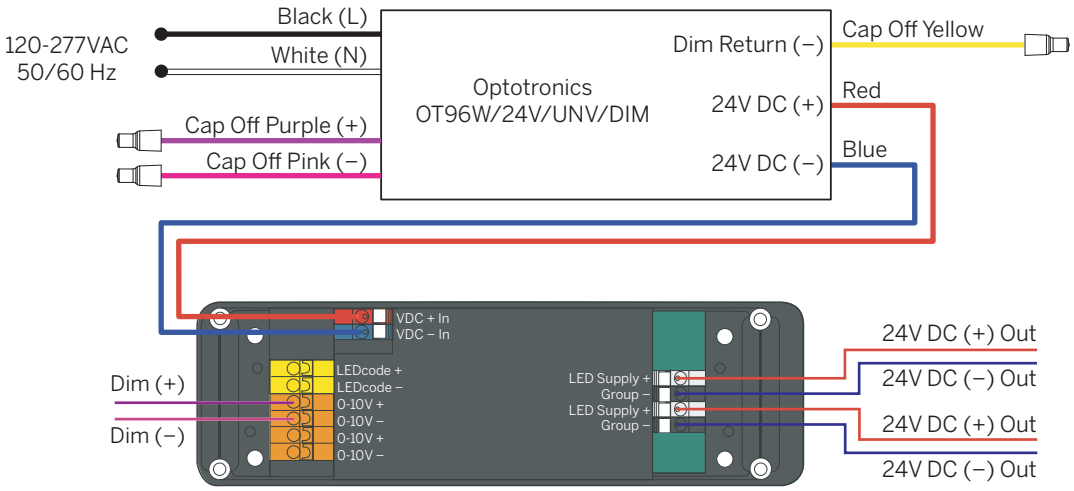
*Static White only!*




Ground*

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

*Static White only!*



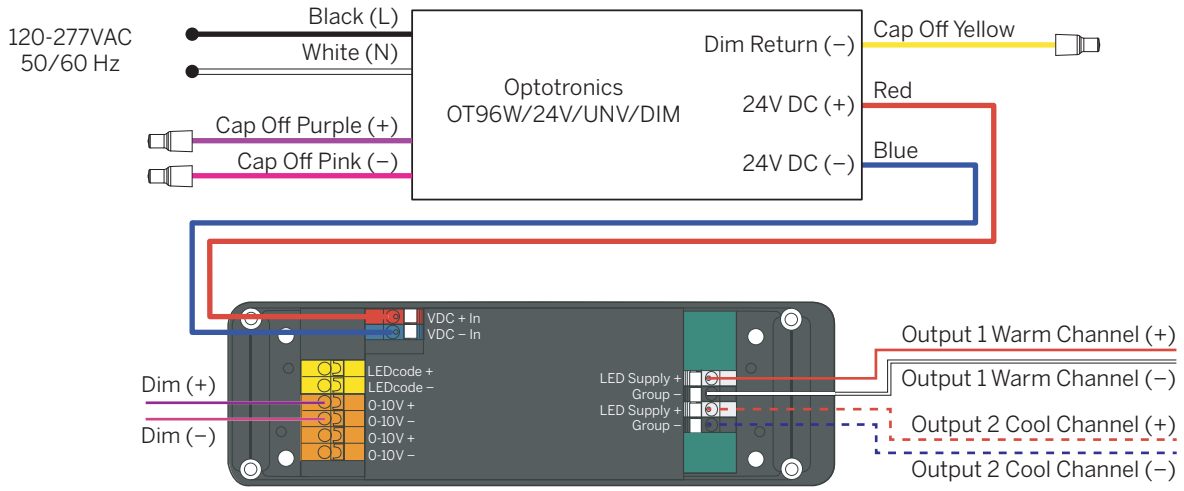

LINEARdrive 211D
2 LED Groups
1 Control Channel

**Need Help?**

# *Wiring Diagrams*

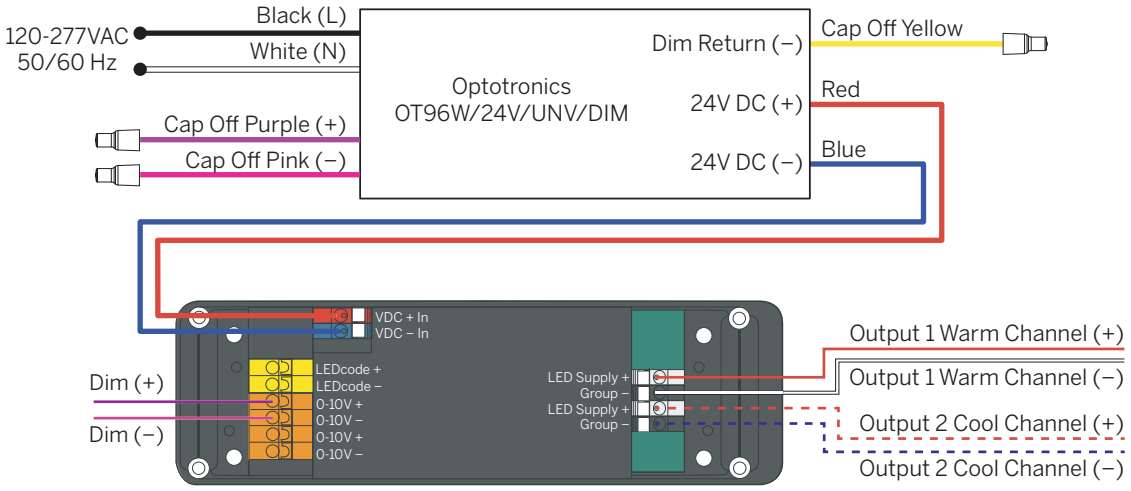
## D2DT6 = eldoLED DALI-2 (DT6), 0.1% dimming (120-277V)

*Tunable White only!*




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

*Tunable White only!*



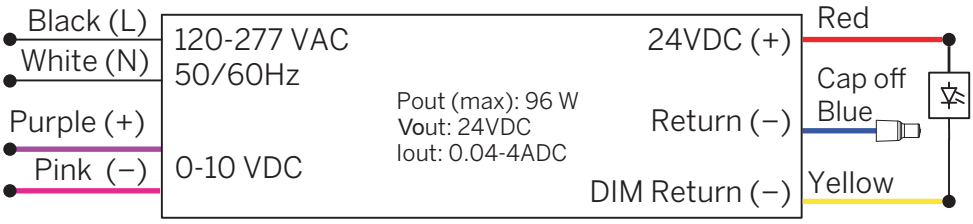

**Need Help?**

# *Wiring Diagrams*

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

*Warm Dim only!*

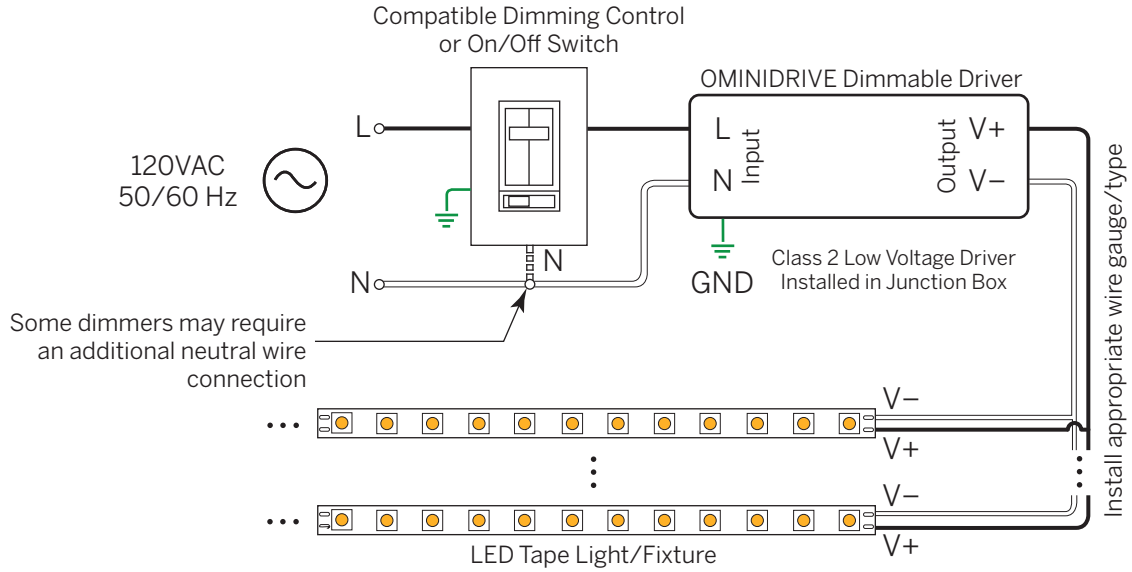
### *Dimming*




**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!*

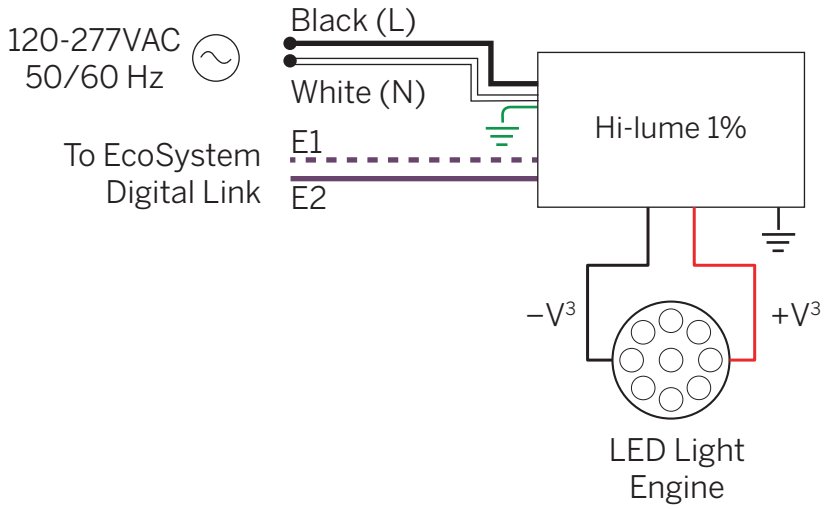



Need Help?

# *Wiring Diagrams*

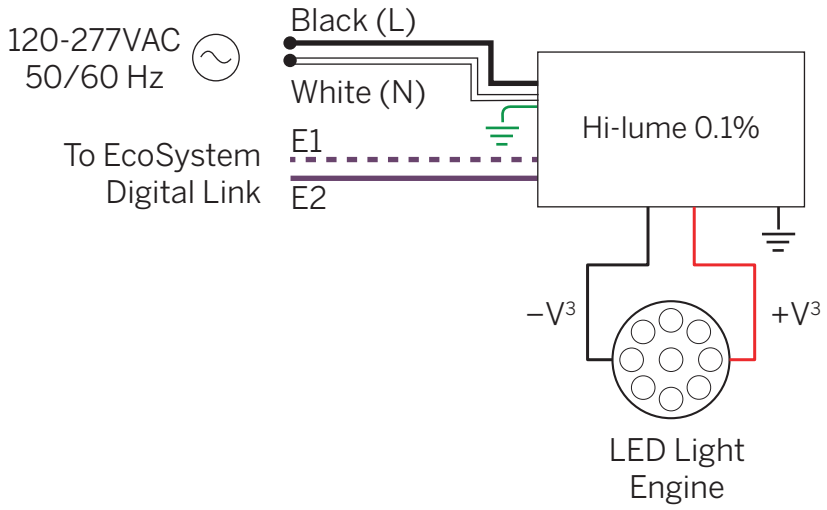
## L3DAE = Lutron Hi-lume 1% EcoSystem (120-277V)

*Warm Dim only!*




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

*Remote Driver/Warm Dim only!*

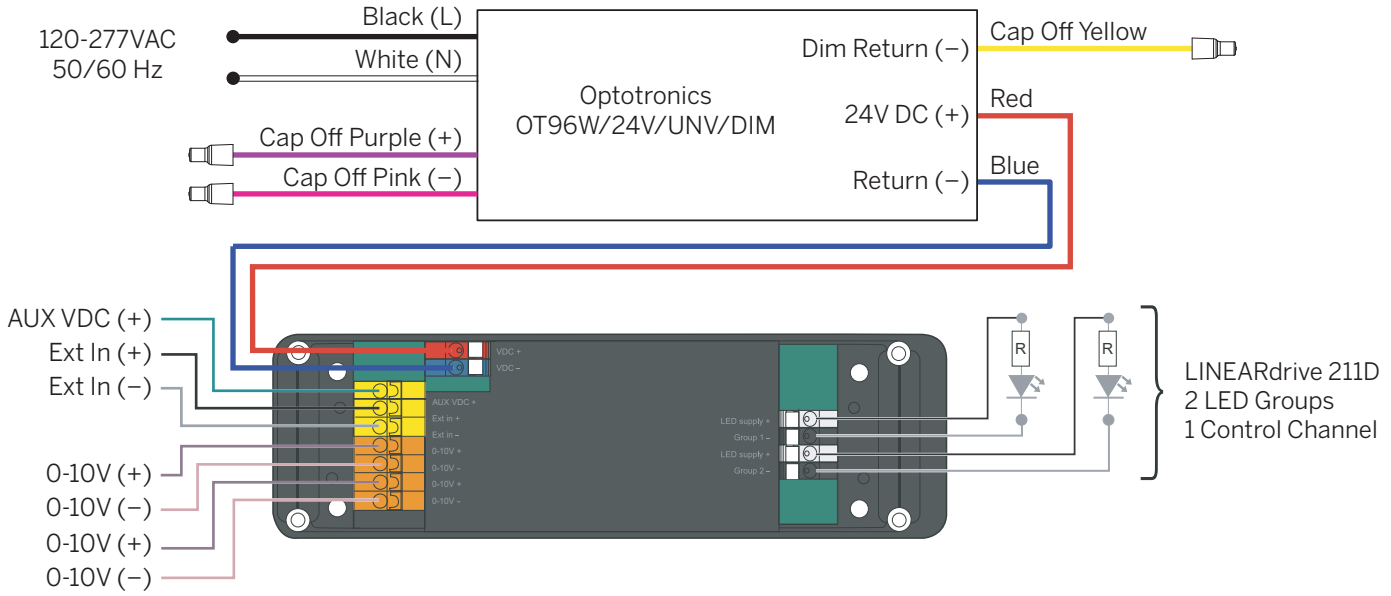



Need Help?

# *Wiring Diagrams*

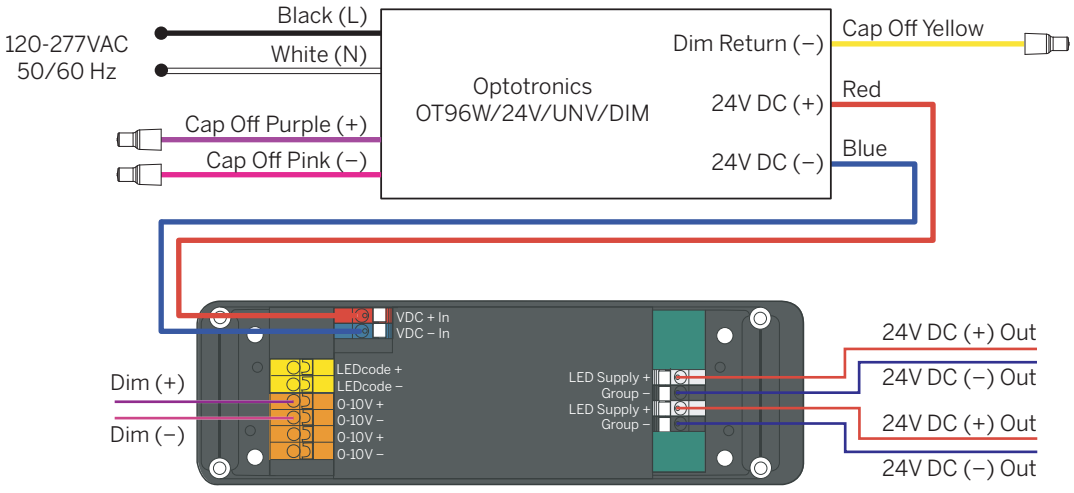
## EL96 = eldoLED 0-10V, 0.1% dimming (120-277V)

*Warm Dim only!*




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

*Warm Dim only!*

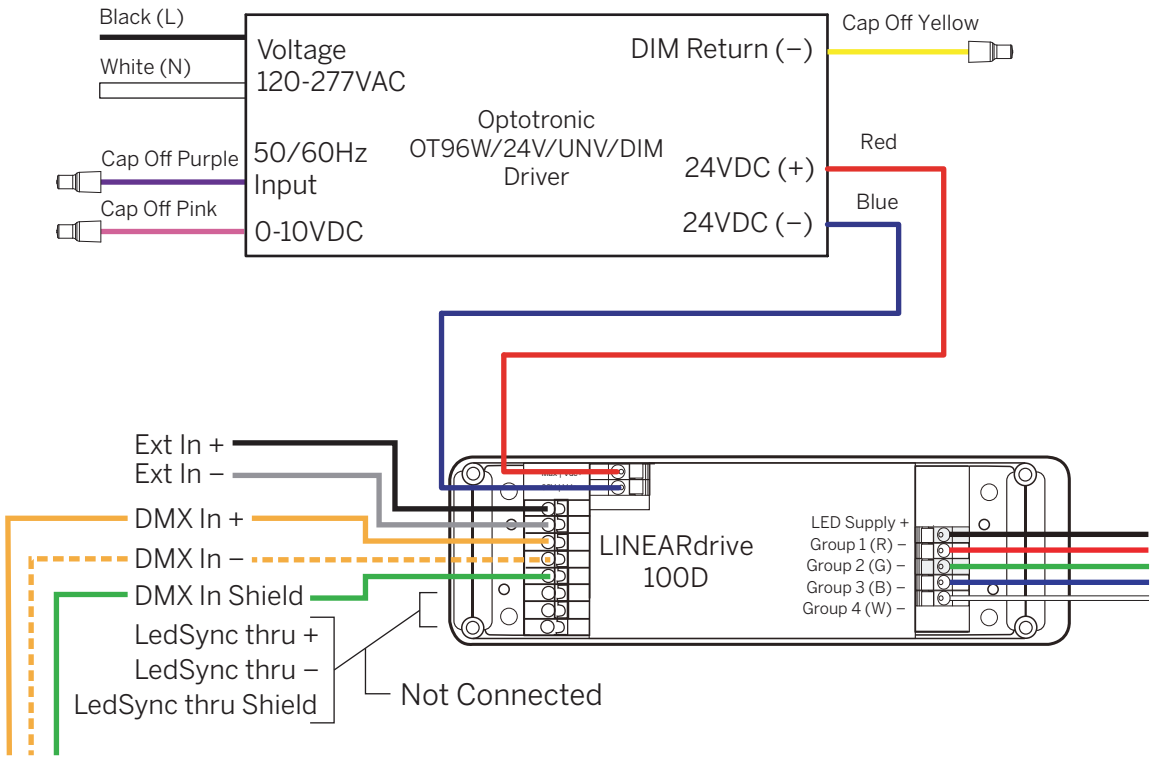



**Need Help?**

# *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?**