20 Linear
WG-20LDL-RBT

Recessed
Bezel Trim

Installation Instructions

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

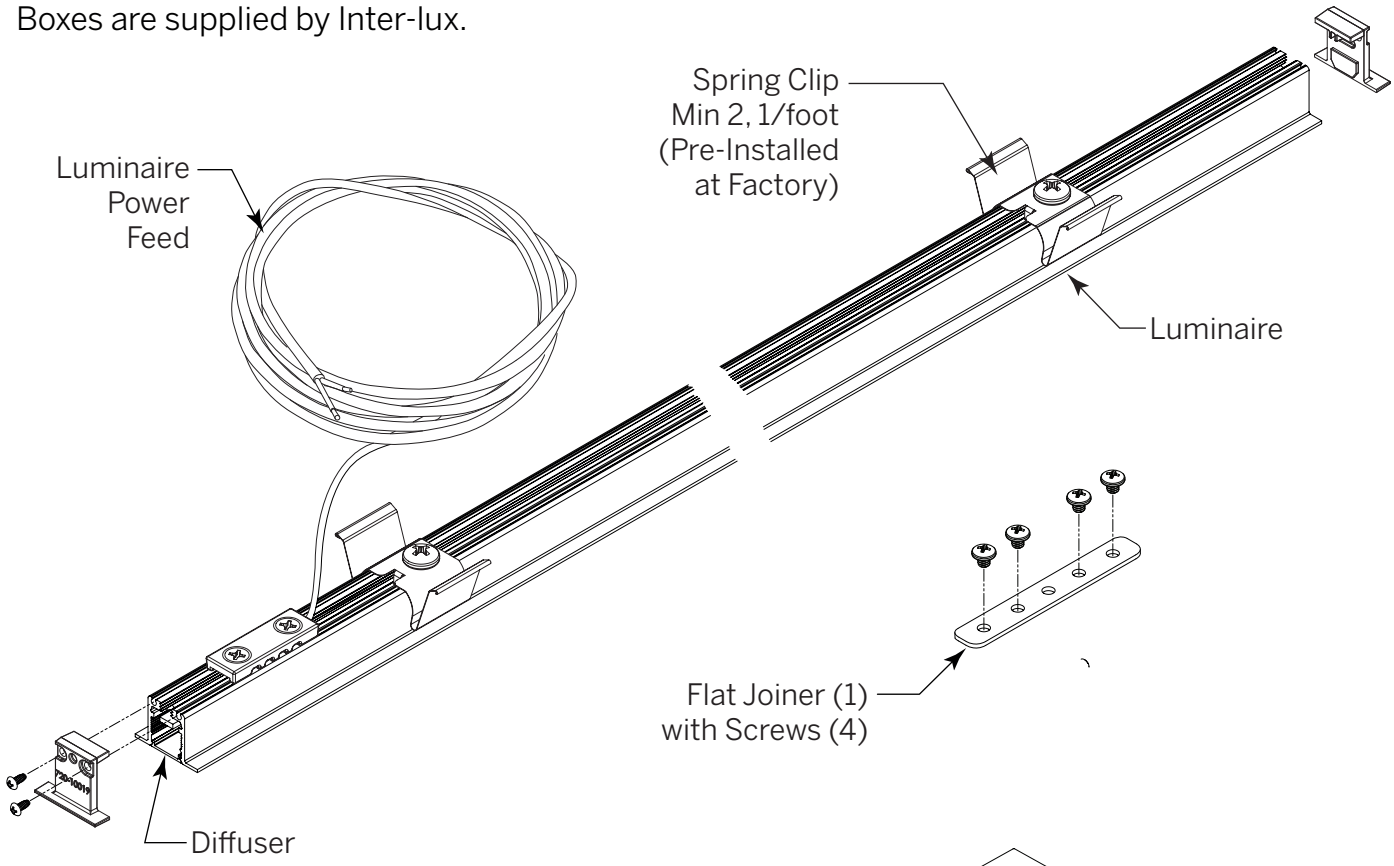
To prevent electrical shock disconnect electrical supply before installation or servicing.

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***

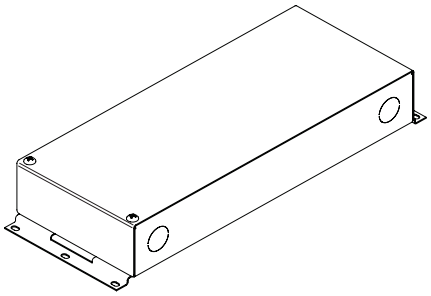
Unpack luminaire unit. Unit consists of (2) major parts: Luminaire with Diffuser and Remote Driver and Box. Plenum-rated cable with bare leads is also provided. Remote Drivers and Boxes are supplied by Inter-lux.



End Caps (2)

*End Caps come pre-installed on **Stand Alone Units***

*End Caps come in Kits on **Multi Unit Runs***



Remote Driver*
with Box
(generic, not to scale)

Need Help?

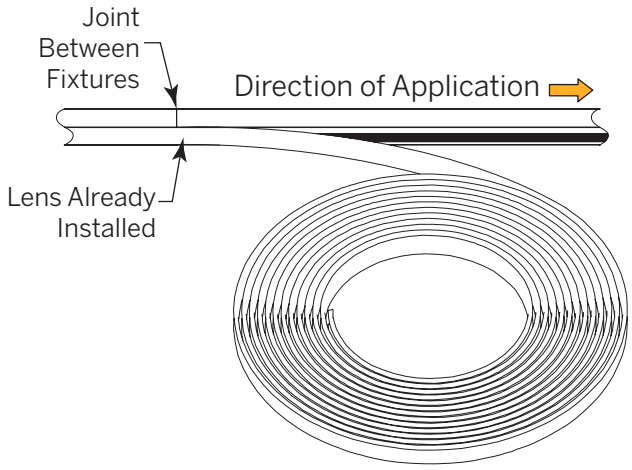
*See Wiring and Driver Pages for actual Remote Driver and Housing Pairings

Step 1 - ***Open the Box*** *(continued)*

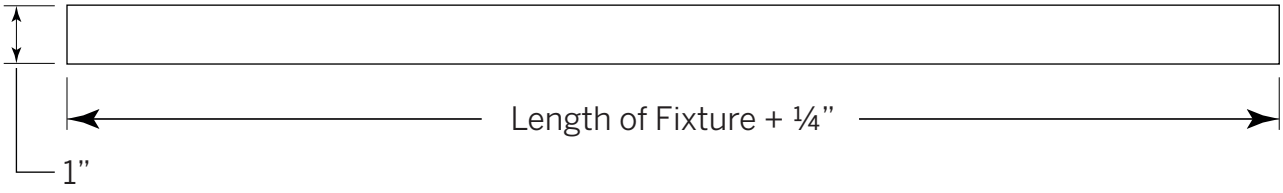
Roll Up Lens

If you have ordered a Multi Unit Run and specified the Opal Lens, your fixtures will be supplied with sacrificial standard lenses mounted on the fixtures to protect the LED's during shipping *and* a Roll Up Lens of specified length.

The Roll Up Lens is a continuous diffuser without any seams. Replace sacrificial lenses after energizing fixture. Replacement Roll Up Lenses and Optional Cutting Tool information listed below. Installation instructions for installing this lens accompanies this instruction set.



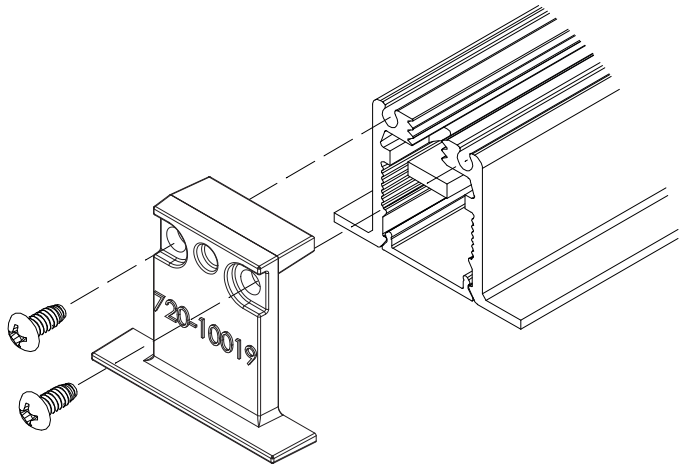
Step 2 - ***Cut Mounting Hole***



Step 3 - ***Install End Caps***

Stand-Alone Units: Skip this step. End Caps come installed at factory.
Multi Unit Run: Locate End Cap Kits and continue below:

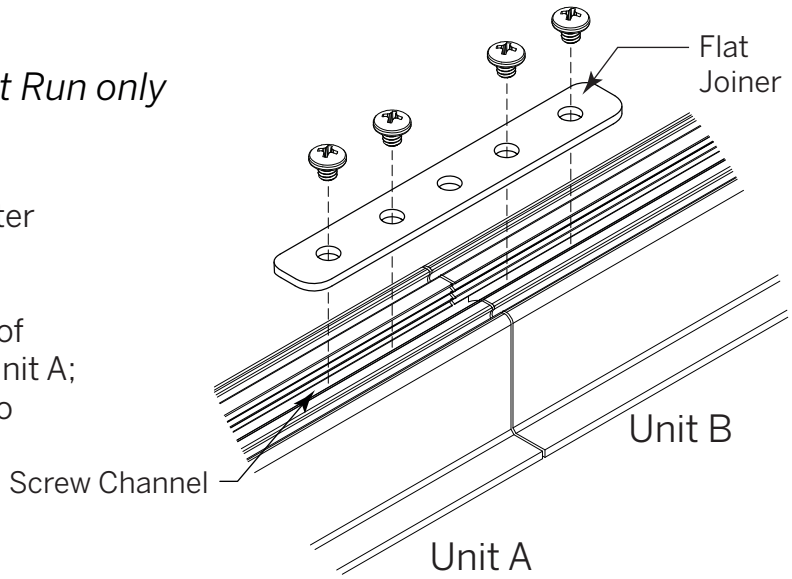
Mount End Cap on first unit in run with supplied screws. See illustration at right.



Need Help?

Step 4 - ***Install Joiners*** - *Multi Unit Run only*

Position Flat Joiner such that center hole is centered on joint between units. Locate (4) supplied screws. Use (2) screws to fasten one end of Flat Joiner to Screw Channel on Unit A; do the same to fasten other end to Unit B, as shown at right.



Step 5 - ***Wire Luminaire***

To wire Power Feed to Driver, select relevant Wiring Diagram starting on ***page 5*** of this document. For more detailed information, see the Driver Information pages for this product on our website.

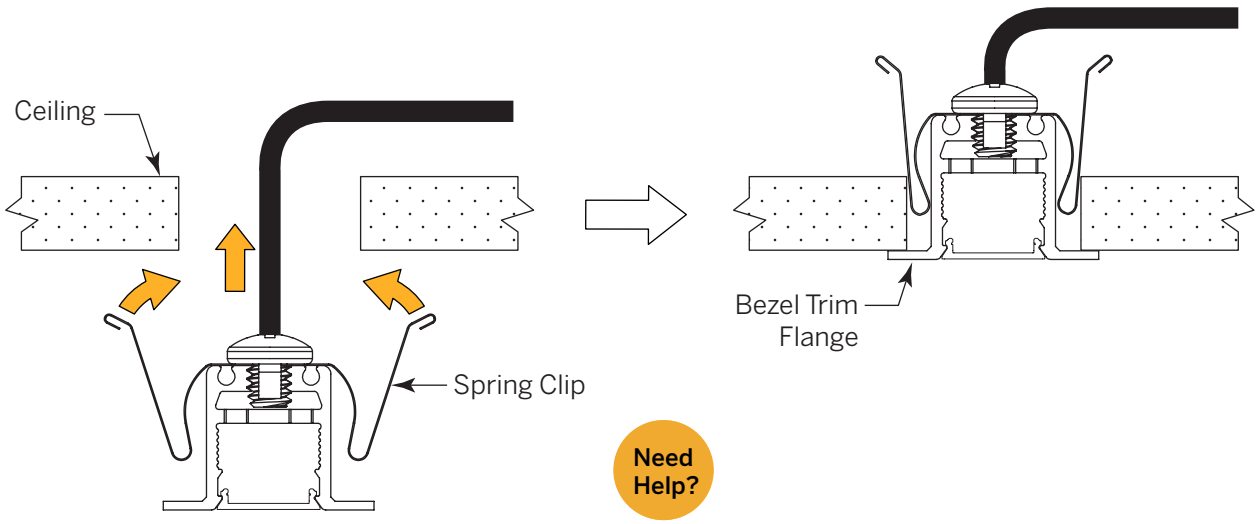
Pull low voltage wires Remote Driver and join with appropriate connectors (by others).

Step 6 - ***Install Luminaire***

a Insert Power Feed up into ceiling. Squeeze Spring Clips together and insert Luminaire into Mounting Hole.

b Luminaire is secured by friction fit. Bezel Trim flange should contact ceiling surface.

c ***Multi Unit Run & Opal Lens only:*** Replace Sacrificial Opal Lenses with Roll Up Lens. Refer to Roll Up Lens Installation Instructions.



Need Help?

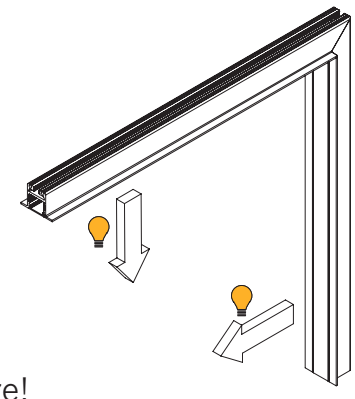
Step 6 - ***Install Luminaire*** *(continued)*

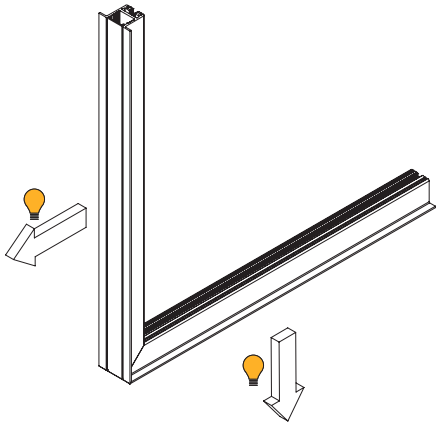
When installing a pattern, start with a corner. The Pattern Corner (P), the Plane-to-Plane Pattern Inside (PPI), and Plane-to-Plane Outside (PPO) Corners are welded at the factory. Follow **Step 4** to mount to existing Run. Arrows indicate light direction.

Pattern Corner 90°



Also Available in any inclusive angle between 30° and 180°





d Energize!

Plane-to-Plane
Pattern Inside (PPI)

Plane-to-Plane
Pattern Outside (PPO)

Need Help?

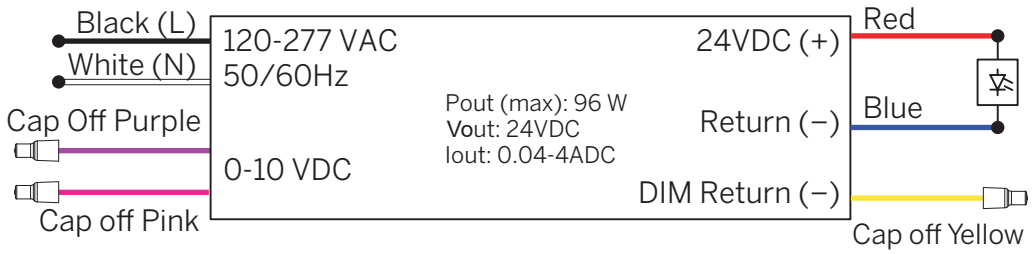
Wiring Diagrams

S/D010 = eldoLED, Non-Dim or 10% 0-10V dimming, *(Static White only)* p. 5
DPH = Phase Dimming, 1% dimming, *(Warm Dim only)* p. 6
L3DAE = Lutron Hi-lume 1% EcoSystem, *(Warm Dim only)* p. 6
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, *(Warm Dim only)* p. 7
EL96 = eldoLED 0-10V, 0.1% dimming, *(Warm Dim only)* p. 7
DALI = eldoLED DALI-1 (DT6), 0.1% dimming, *(Warm Dim only)* p. 8
DMX = eldoLED 24V, 0.1% DMX dimming, *(Warm Dim + RGBW only)* p. 8

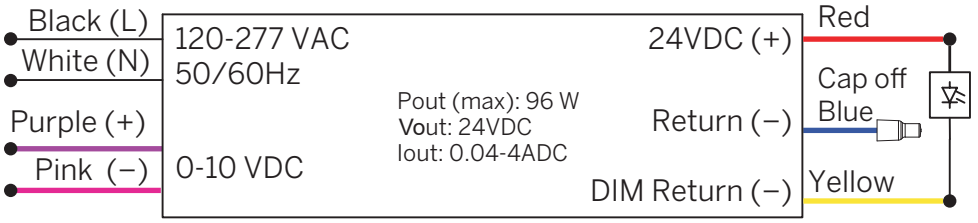
All Drivers are Remote.

S/D010 = eldoLED, Non-Dim or 10% 0-10V dimming (120-277V) *Static White only!*

Non-Dimming



Dimming

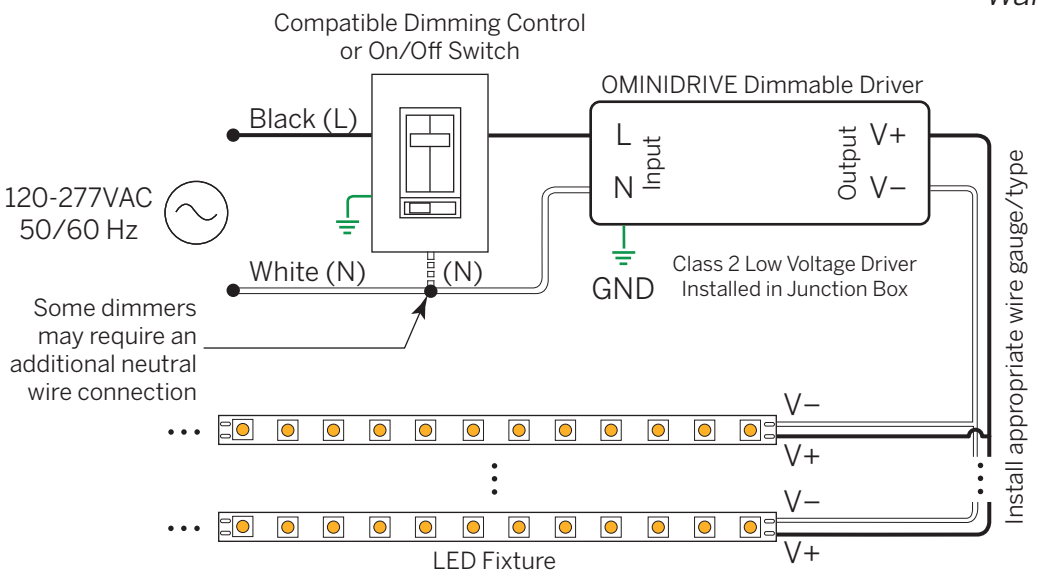


WARNING: If not connected to a 0-10V dimmer, driver MUST be wired as Non-dim. Not doing so can cause the driver and the fixtures to fail prematurely.

Wiring Diagrams

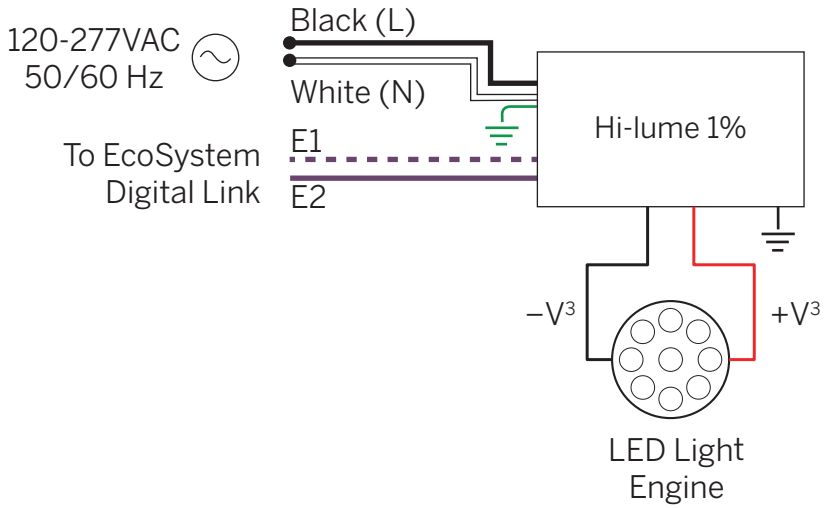
DPH = Phase Dimming, 1% dimming (120V only)

Warm Dim only!



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

Warm Dim only!

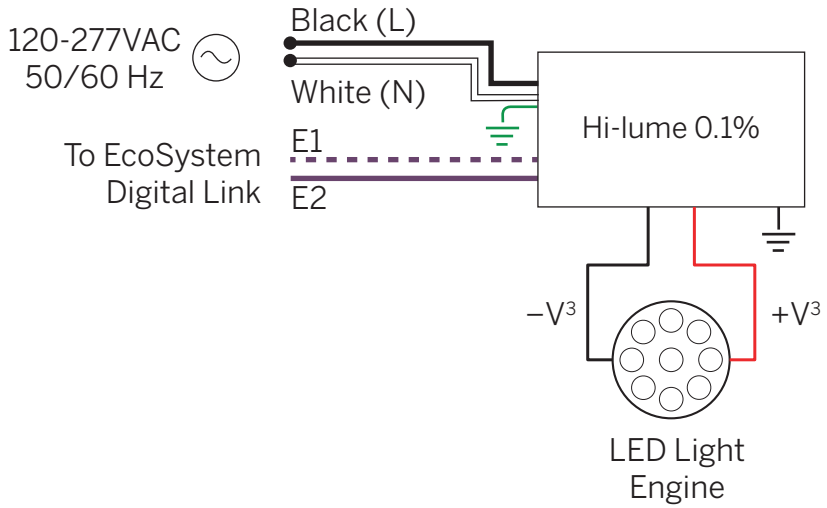


Need Help?

Wiring Diagrams

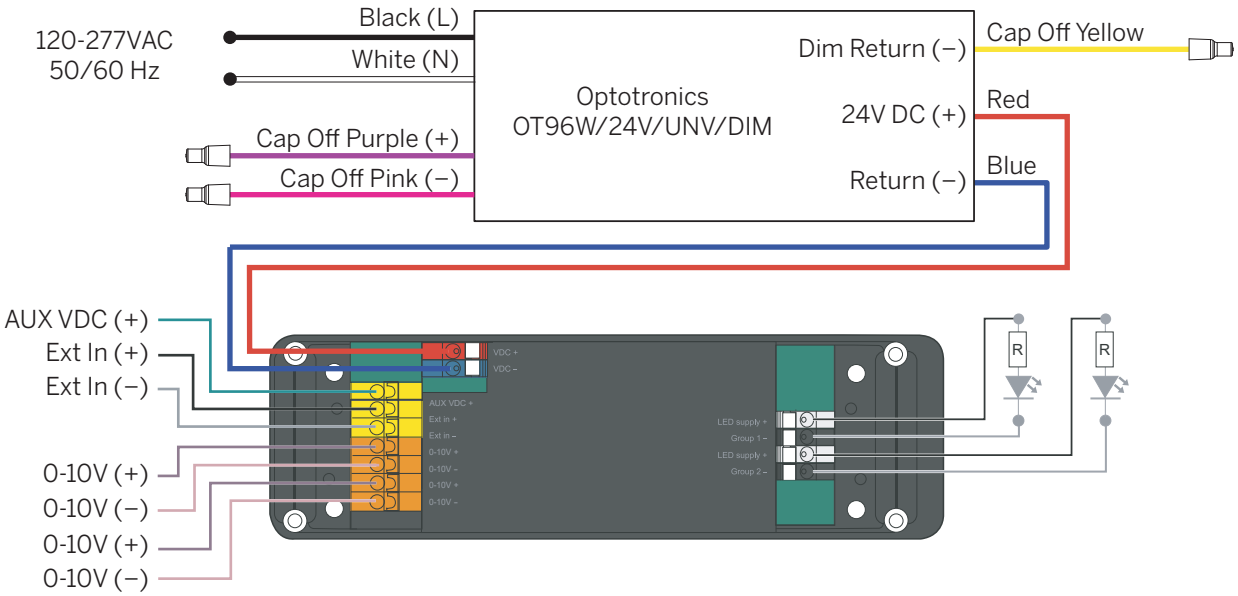
L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem (120-277V)

Warm Dim only!



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

Warm Dim only!

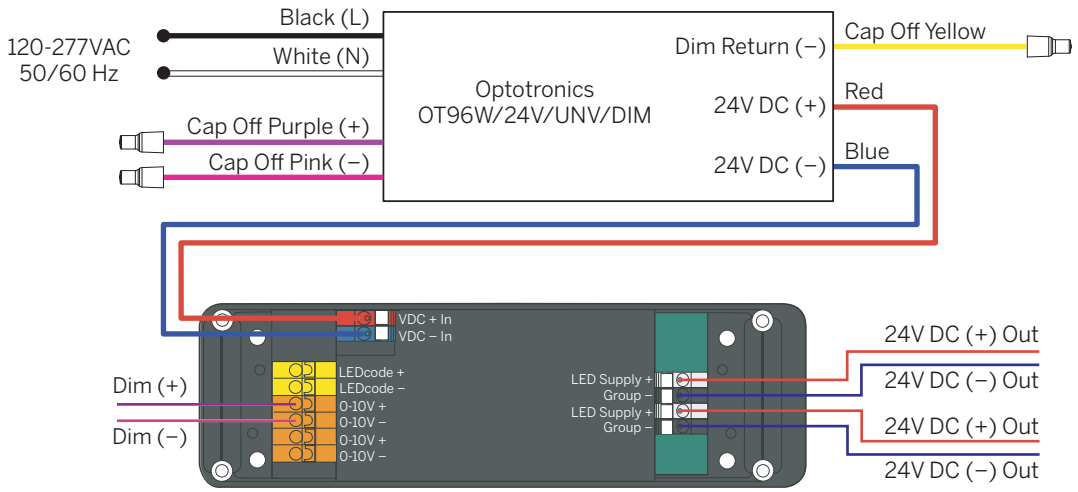


Need Help?

Wiring Diagrams

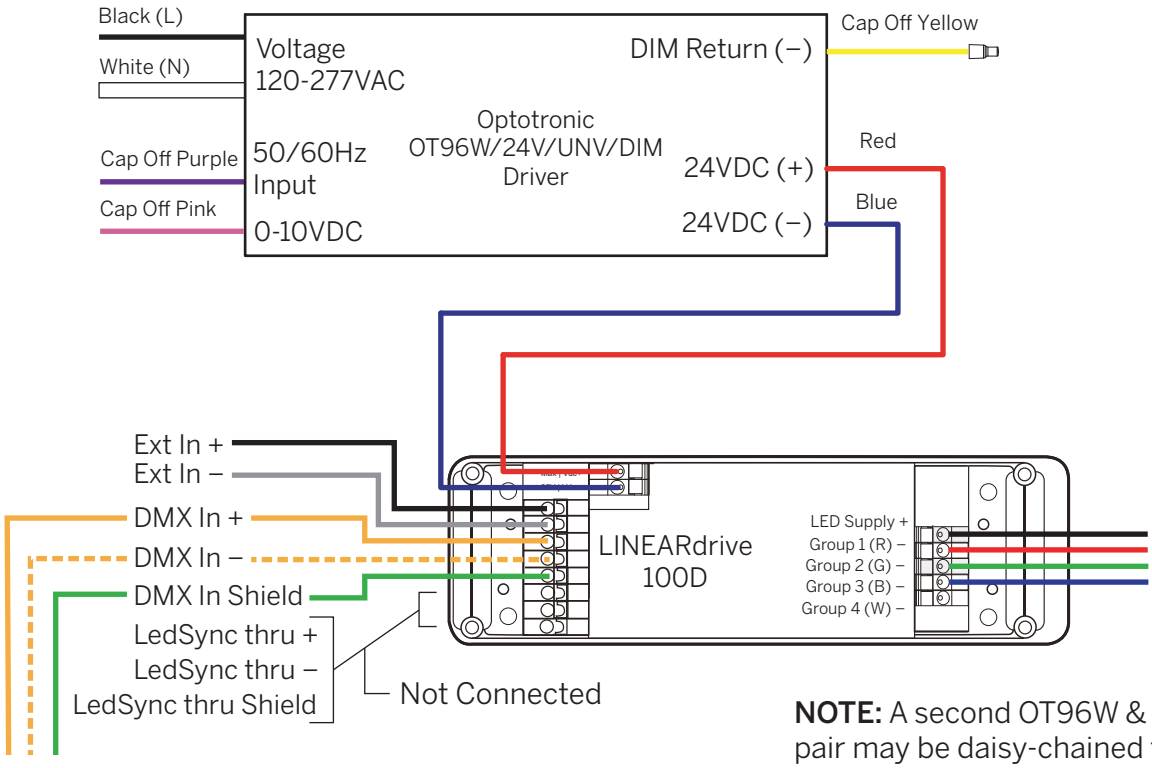
DALI = eldoLED DALI-1 (DT6), 0.1% dimming (120-277V)

Warm Dim only!



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?