

Installation Instructions

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



Never connect a Fixture to a Live Driver!!!

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

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

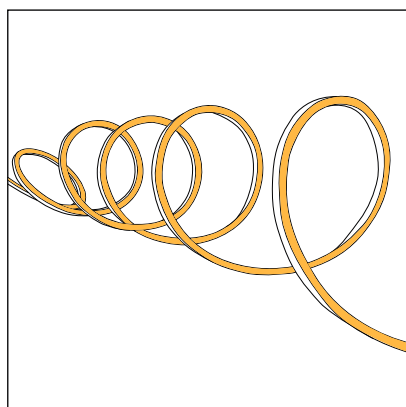
Step 1 - *Open the Box*

Unpack luminaire unit(s). The Flex family of luminaires require special handling. They are supplied in lengths specified at the time of order, and are delivered on a reel enclosed in a large anti-static bag. Remote Drivers and Boxes may be ordered from Inter-lux separately.



Do not attempt to bend this Luminaire in the **vertical** plane!

24VDC Constant Voltage



3 x 6 Horizontal

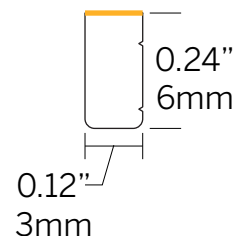
Static White

Minimum Horizontal Bend

$\varnothing \geq 1.9"/30\text{mm}$

Working Temperature Range

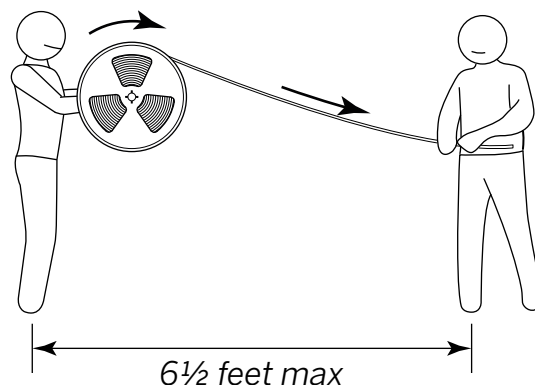
-40° to 130°



NOTE: Yellow (or light gray in B/W) indicates lit surface.

Step 2 - *Handling the Luminaire*

- a** The delicate nature of the Flex Horizontal luminaire necessitates that unpacking, handling, and installing this fixture be done by **at least** two people.



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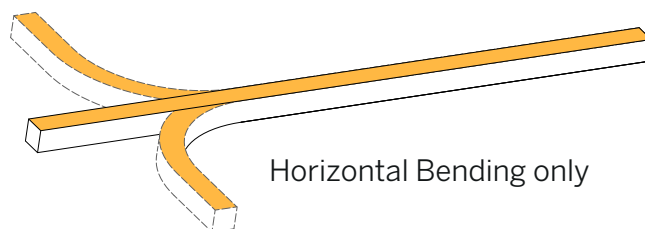
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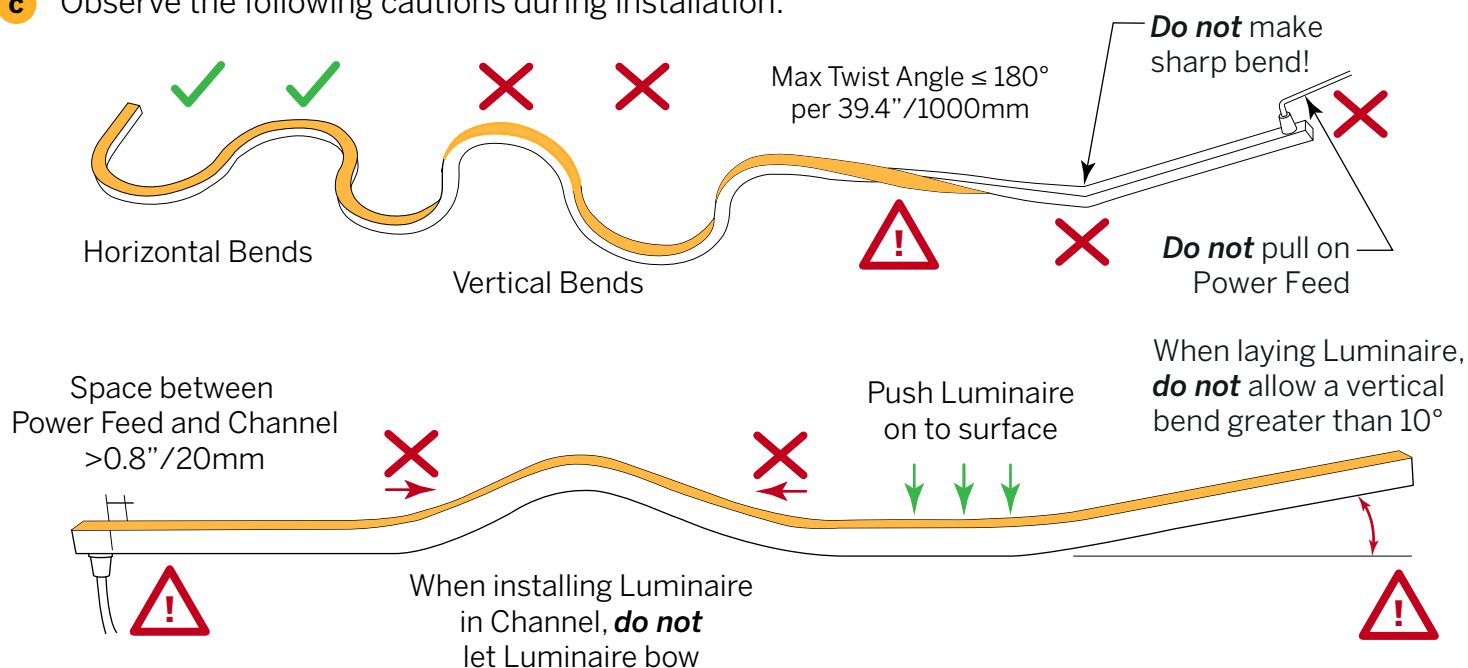
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Step 2 - *Handling the Luminaire* (continued)

- b** The Flex Horizontal Luminaire can be represented by the illustration at right. All Horizontal Luminaires bend in the **horizontal plane only** - Left or Right.



- c** Observe the following cautions during installation:

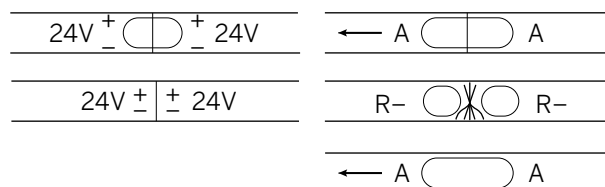


Step 3 - *How to Field Cut the Flex Luminaire*

(Skip to **Step 5** if not applicable)

All versions of the Flex 3 x 6 Horizontal Luminaire have a narrow transparent window on the bottom or side with Cut Lines that look like one of those shown at right.

The ovals represent copper pads. It is imperative to cut on these lines to maintain a fully lit luminaire. If Flex is not cut on these lines, there is a risk that a portion of the luminaire near the cut will not power on.



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Step 3 - *How to Field Cut the Flex Luminaire* (continued)

Cut Intervals

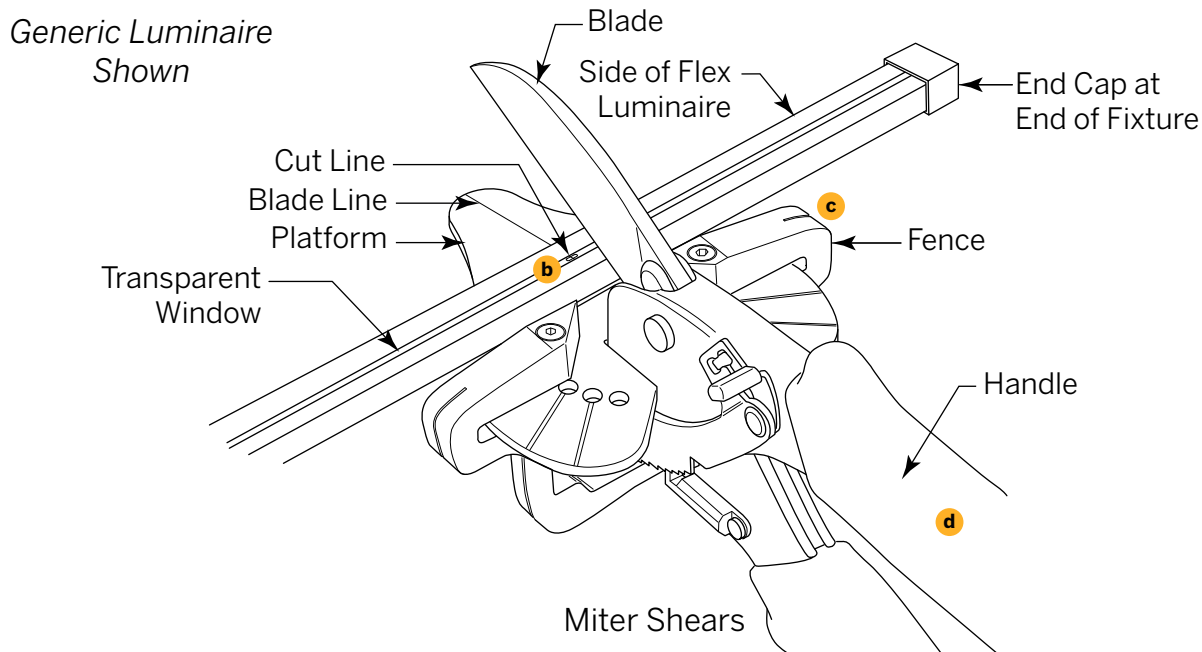
Static White

LED Type S05 - 0.98" / 25mm

LED Type S10 - 0.98" / 25mm

IMPORTANT! All cuts are to be taken from the non-powered end!

- a** When cutting the Luminaire in the field, it is important to cut as perpendicular as possible. One way to do this is to use a pair of Miter Shears that has a fence 90° to the cut.



- b** Place Luminaire on Tool Platform with Transparent Window facing up as shown above. Line up Cut Line with Blade Line.
- c** Make sure Fence is at 0°, perpendicular to Blade.
- d** Squeeze Handles firmly to cut.

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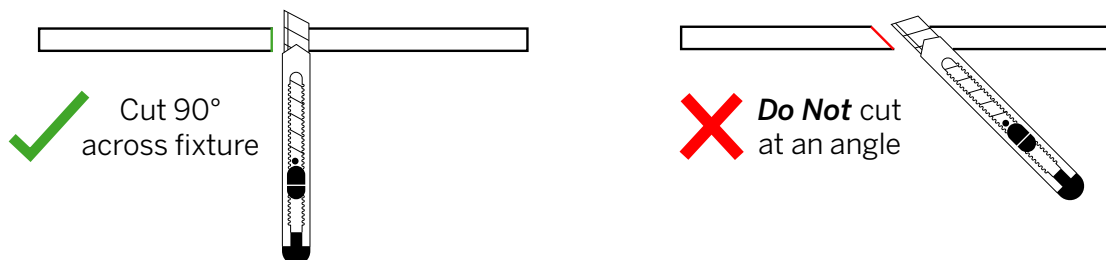
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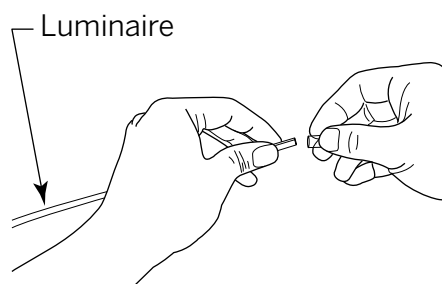
Step 3 - *How to Field Cut the Flex Luminaire* (continued)

Whether one uses Miter Shears or not, it is important that Flex be cut at 90° across the fixture and not at an angle.

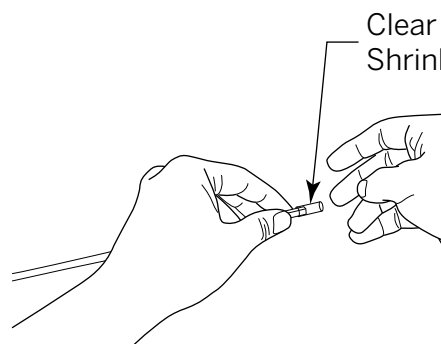


Apply Heat Shrink

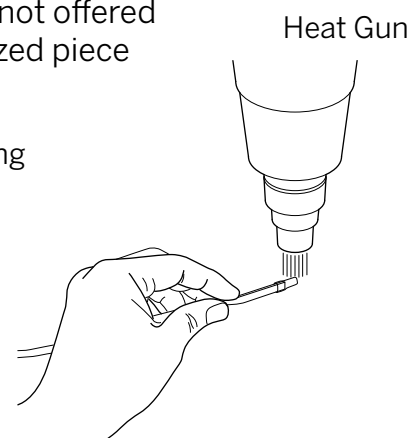
With this new cut, the end needs to be sealed. However, End Caps are not offered for the Flex 3 x 6 Horizontal. Instead, you will need an appropriately-sized piece of clear heat shrink:



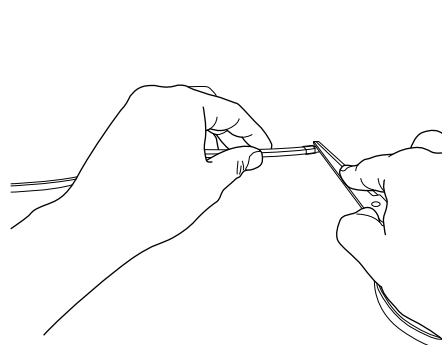
- a** Slip a short length ($\frac{3}{4}$ " - 1") of Heat Shrink Tubing on the cut end of Luminaire.



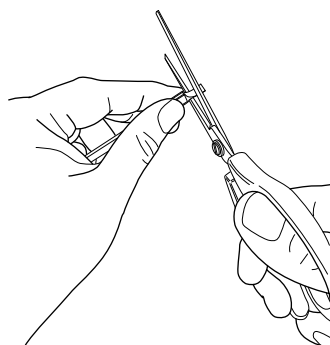
- b** Leave 2/3rds of the tubing extended beyond the Luminaire.



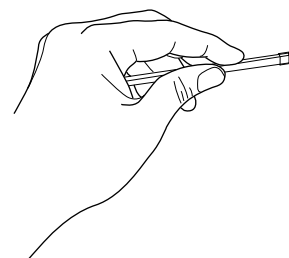
- c** Use a heat gun to soften and shrink the tubing around the Luminaire.



- d** Use the blade of a pair of Scissors to flatten the free end of the tubing.



- e** Cut the flat end of the tubing as close to the end of the Luminaire without letting the tubing open.



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Step 4 - **Install Luminaire**

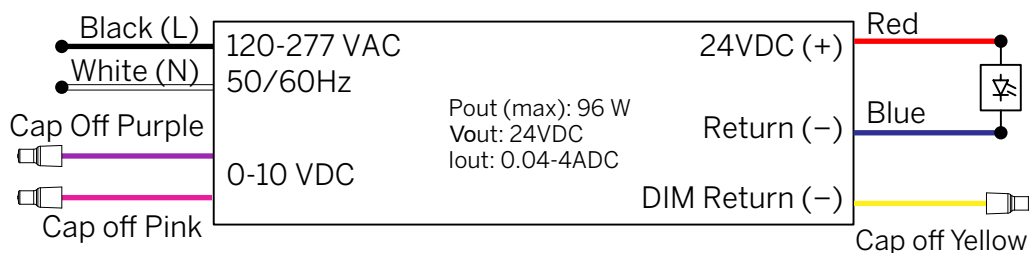
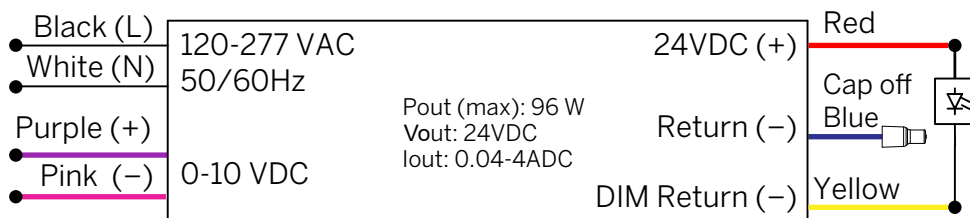
- a** Clean the installation surface with isopropyl alcohol and let dry.
- b** Apply firm pressure along the full length.
- c** Wire Luminaire according to Driver specified. See Illustrations in **Step 5**, pages 5-8.
- d** Energize!

Step 5 - **Wire Luminaire**

The following wiring diagrams for Constant Voltage remote drivers are included here for reference. For additional details, such as Maximum Wiring Distance, compatible dimmers, and driver box dimensions, please refer to the Driver Information Guide on our website.

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

For:
Static White

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.

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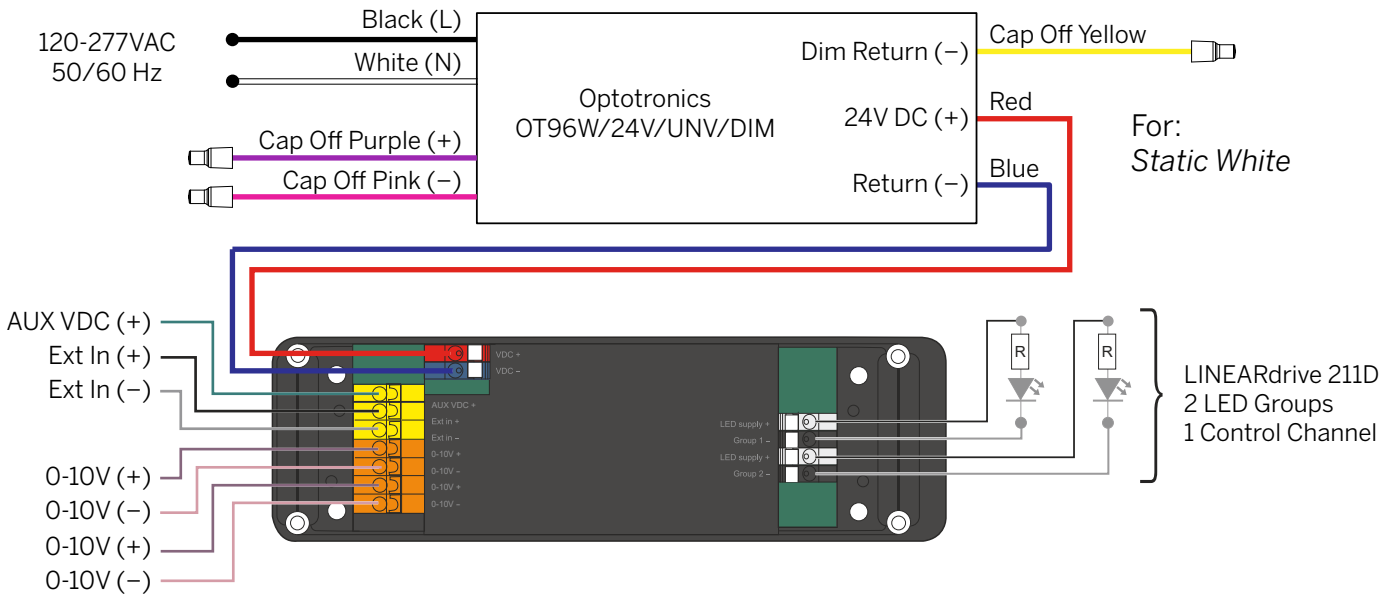
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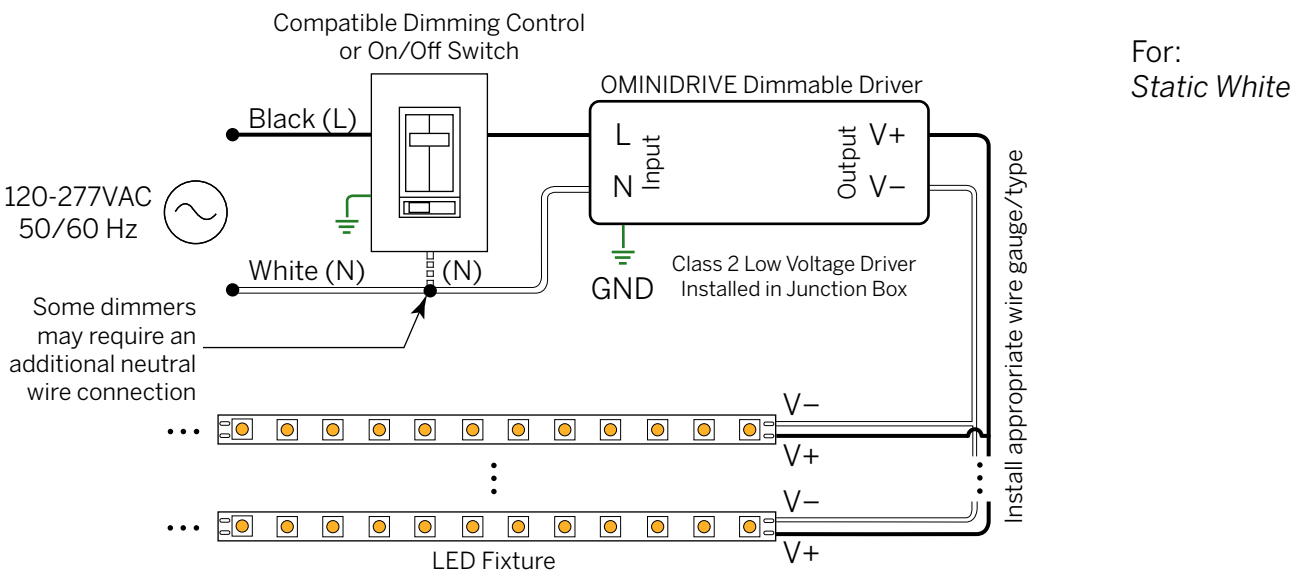
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Step 5 - Wire *Luminaire* (continued)

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



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



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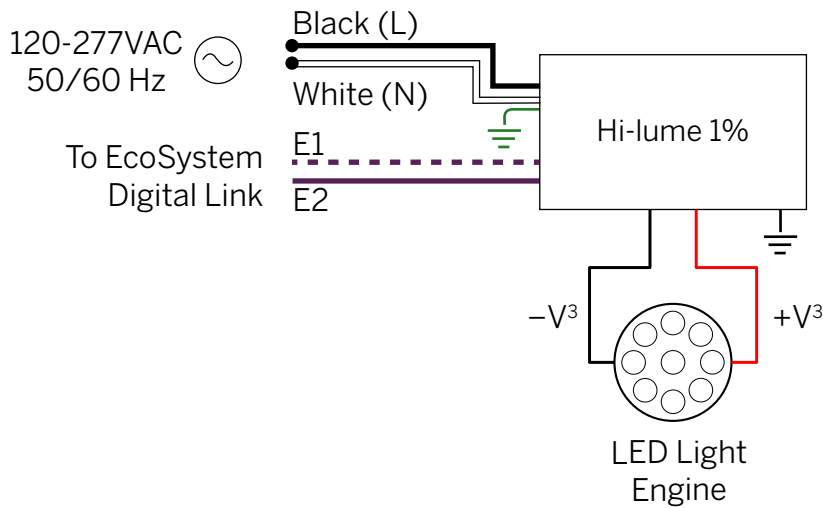
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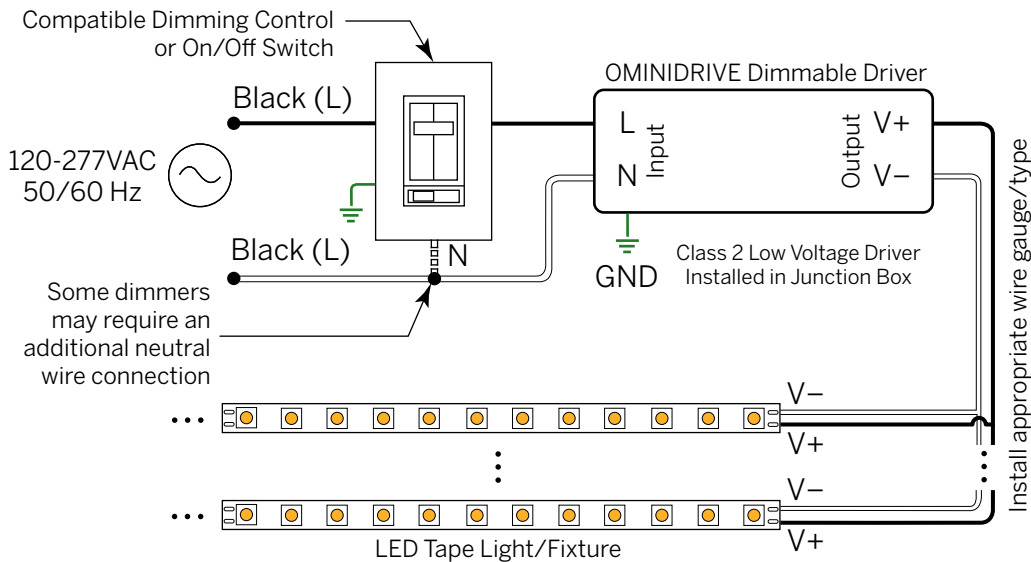
Step 5 - **Wire Luminaire** (continued)

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



For:
Static White

UNV96-WL = 0-10V/Phase Dim 96W Wet Location, 1% dimming (120-277V)



For:
Static White

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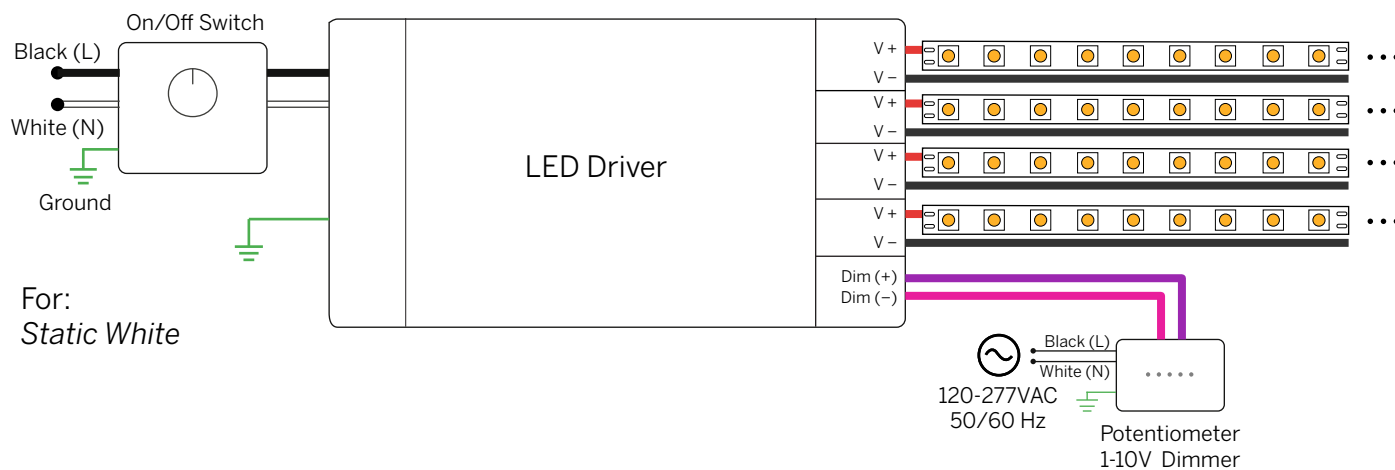
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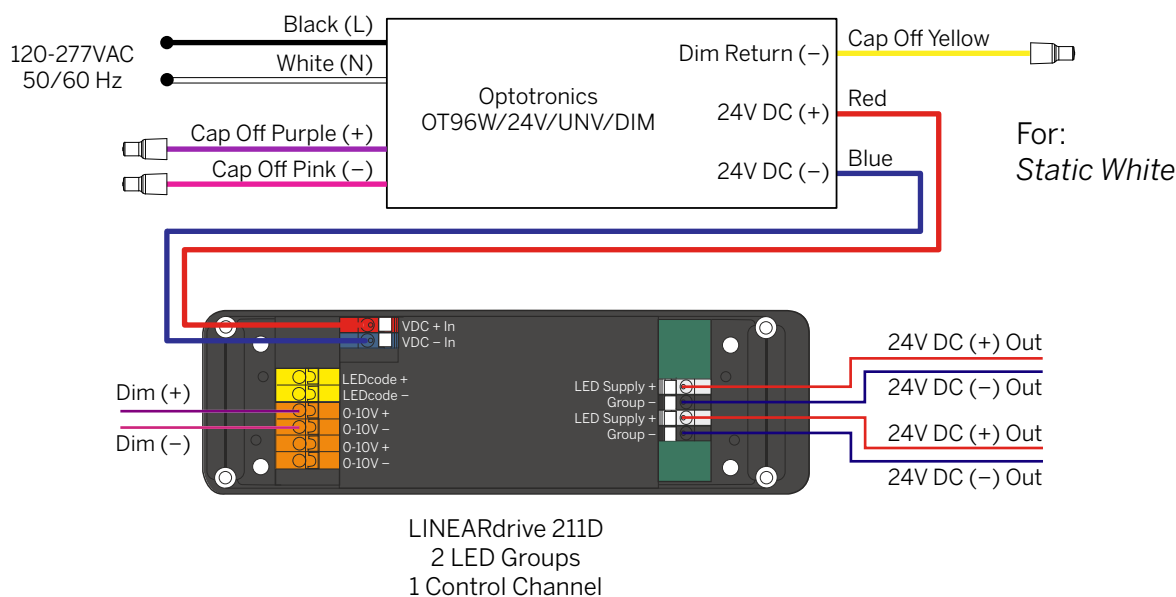
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Step 5 - **Wire Luminaire** (continued)

UNV384-WL = 0-10V/Phase Dim 384W Wet Location, 1% dimming (120-277V)



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



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