

## ATTENTION

### INSTALLATION INSTRUCTION

For replacing high-voltage fluorescent tube Ballast with LED Driver.

#### CAUTION

**“Turn off the INPUT AC power at your circuit breaker panel before you start installing this product”**

Fluorescent tube Ballast are high-voltage and can be dangerous when not handled with care.

After the INPUT AC power has been turned off at the circuit breaker panel, remove the Ballast as follows:

Remove the twist on “Wire Nuts” or cut the wires as follows:

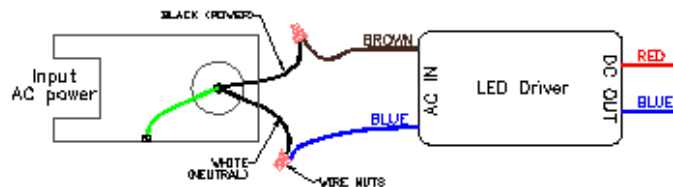
- N: White to White or Blue
- L: Black to Black or Brown
- G: Green to Ground

The LED Driver has the AC INPUT Power wiring text on the end of the LED Driver. It is color coded to NEC (National Electrical Code) standards; i.e. N (neutral) White or Blue and L (line “hot”) Black or Brown, and Green (ground).

Connect the AC INPUT wires as follows:

- N: White to White or Blue
- L: Black to Black or Brown
- G: Green to Ground

1. Install LED Driver where ballast was previously located. Secure the LED Driver with self-tapping screws in holes located on the LED Driver. Power tools should not be required.

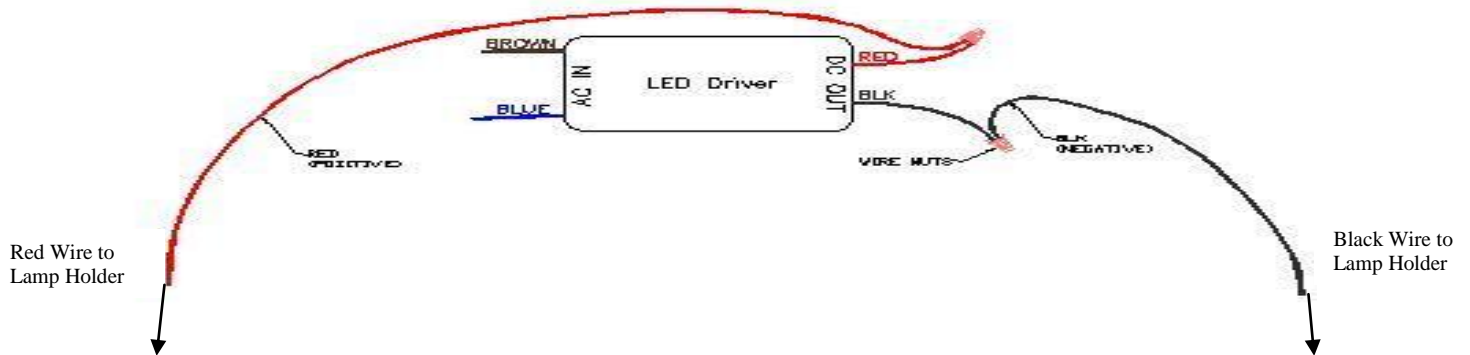


#### Make input connections using wire nuts or insulated butt splices

- Black/Brown (AC out – “Black” Live) to (AC in “Brown”)
- White/Blue (AC out – “White” Neutral) to (AC in “Blue”)

Connect Ground wire to Ground “Green” wire or direct to Ground.

2. Connect LED Driver 12VDC or 24 VDC output wires direct to lamp holder wires or to harness wires.



The LED Driver is 12v or 24v DC and the wiring is color coded like a DC circuit –The OUTPUT wires “RED”, “Gray”, or “Yellow” are positive and “BLACK” is always negative.

Connect the 12v or 24 DC OUTPUT Power wires as follows:

+RED, Grey, or Yellow to positive wire going to the first fixture.

**(Ribbed or Stripped wire side of the jumper cable)**

-BLACK to negative wire going to the first fixture.

**(Smooth wire side of the jumper cable)**

We have included a jumper for you to butt splice onto the OUTPUT wires from the LED Driver, or from any other wires you use to extend the power to the first fixture. This jumper cable needs to be spliced onto the wires from the output wires of the LED Driver with insulated “butt splices”, “wire nuts”, or if soldered they must be individually insulated with tape or heat shrink.