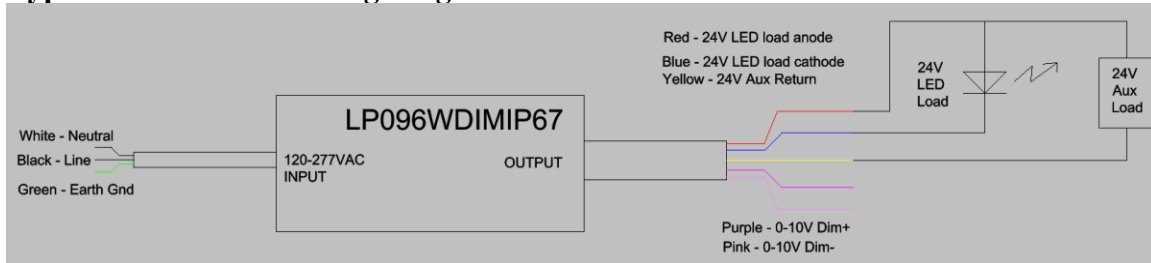


## LP096WDIMIP67 Installation Instructions

- 1) Installation of the LP096W requires the proper connection of both the AC wires to the AC facility power, and the DC wires to the LED lighting system. All electrical wiring should comply with local and national electrical codes. Installation should be performed by qualified electrical service personnel.
- 2) Connect the AC source wires to the LP096W power unit's AC input wires using the proper UL approved wire nuts. Refer to the rating label affixed on the LP096W power unit for AC wire color codes. The **Black** wire from the LP096W unit should connect to the incoming AC Line wire. The **White** wire from the LP096W unit should connect to the incoming AC Neutral wire. The **Green** wire from the LP096W unit should be connected to Earth Ground. The wire connections should be made inside a proper NEC compliant junction box. The aluminum case of the LP096W should be connected to Earth Ground via mounting screws through the case feet.
- 3) Connect the LP096W unit DC wires to the LED load. Refer to the rating label affixed on the LP096W power unit for DC wire color codes. The **Blue** wire from the LP096W unit is the DC negative side and should connect to the lighting system's DC negative input, '-'. The **Red** wire from the LP096W unit is the DC positive side and should connect to the lighting system's DC positive input, '+'. The **Yellow** wire from the LP096W can be used as either the negative side of a 24V auxiliary output, or as a non-dimming return for the lighting system. The combined power output of both the blue and yellow wires should not exceed the unit's rating of 96W. The **Purple** and **Pink** wires are the positive and negative dimming inputs, respectively. They should be connected to a 0-10V dimming system. **NOTICE: This control circuit is not isolated from the 24V output.**

### Typical Installation Wiring Diagram



### DC Out Wire Legend:

24V+ (for both Dimmed LED load and aux / non-dimmed load) - **Red**

24V- Dimmed LED return – **Blue**

24V- Aux / Non-Dimmed return – **Yellow**

0-10V Dim+ - **Purple**

0-10V Dim- - **Pink**

### AC In Wire Legend:

Line – **Black**

Neutral – **White**

Ground – **Green**