

## INSTRUCTION SHEET

CATALOG NUMBERS: **PL401, PL601, & PL801**

4", 6", & 8" APERTURE ARCHITECTURAL LED SURFACE MOUNTED CYLINDERS

### IMPORTANT SAFETY INSTRUCTIONS

- Read all safety instructions before installing. It is important to save these instructions.
- Observe and follow all label information and instructions regarding dry, damp, and wet location listings, proper lamp type and wattage, warnings of installation near combustible materials, and/or insulation.
- Turn power off at circuit breaker before attempting to install or to perform maintenance on the fixtures.
- Wear rubber-soled shoes and work on a sturdy wooden ladder.
- The product must be installed in a manner consistent with the intended use and in compliance with the national electrical codes and local codes.
- Ground fixture to avoid electrical shock.
- Do not install any fixture assembly closer than 6 inches from any curtain or similar combustible material.

### WARNING – RISK OF FIRE:

- Minimum 90°C supply conductors.
- Consult a qualified electrician before installation.

### FIXTURE MOUNTING – PENDANT

- Attach the pendant stem to the "hang straight."
- Complete the mounting plate assembly by fishing other parts in sequence. See **Figure 1**.
- If needed, run low-voltage dimming leads (not supplied) through stem. (Dimming leads would be needed if you plan on using a 0-10V dimmer. See Dimming notes below.)
- Lead the power supply conductors through the pendant stem and through the canopy.
- Connect the pendant stem assembly to the pendant stem coupling on top of fixture.
- Install the pendant stem assembly to the ceiling mounted Junction Box.
- Connect the wire leads per national and local electrical codes.
- Install the canopy by placing it onto the mounting strap screws and securing with finials.

### FIXTURE MOUNTING – SURFACE

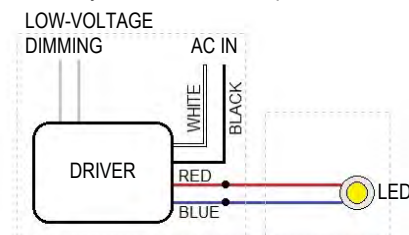
- Begin by loosening the three thumb screws on the top of the fixture. See **Figure 2**.
- Remove the top pan of the fixture, remove stem mounting hardware, and route the supply wires through the access hole.
- Mount the top pan onto the junction box using the junction box mounting screws. Secure.
- Connect the wire leads to the junction box leads per national and local electrical codes.
- Install fixture housing assembly back onto the top pan using the three thumb screws.

### Dimming

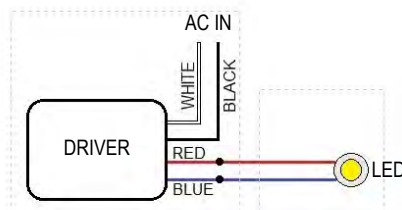
Depending on what type of dimming option was ordered, the driver may be dimmed on the 120V line (the LELV option) by using a LED rated ELV dimmer, or for much better performance by using the low-voltage 0-10V leads (the L010 option). Note that a 0-10V dimmer and additional wiring is required when using 0-10V dimming. Other drivers are also available and may have been ordered, so if dimming please look at the driver closely to determine the dimming protocol and wire accordingly. If not using 0-10V type dimming, cap the 0-10V low-voltage leads.

### WIRING SCHEMATIC

**USE OF OPTIONAL 0-10V DIMMING:** If you have a 0-10V dimming driver you can choose to use the 0-10V dimming, or not dim at all. 0-10V dimming wires are not provided. Attached 0-10V wires to LED Driver's dimming terminals. Do not connect the 0-10V dimming wires to AC line! Connect them only to a 0-10V dimmer. A different dimming protocol option may have been ordered by the customer, so please look at driver to determine proper wiring.



0-10V Driver Block Diagram



ELV / TRIAC Driver Block Diagram

FIGURE 1

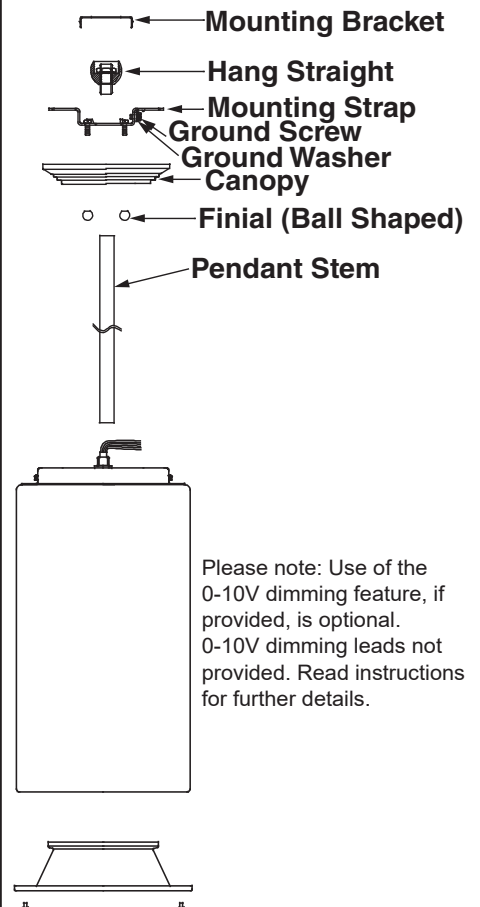


FIGURE 2

