

**SAFETY INSTRUCTION**

IMPORTANT: NEVER attempt any work without shutting off the electricity.

- Always turn off power at fuse box prior to installation to prevent electrical shock.
- For installation and serviced by a qualified, licensed electrician.
- Install in accordance with national electric code, and local regulations.
- Consult with local inspector to assure compliance.

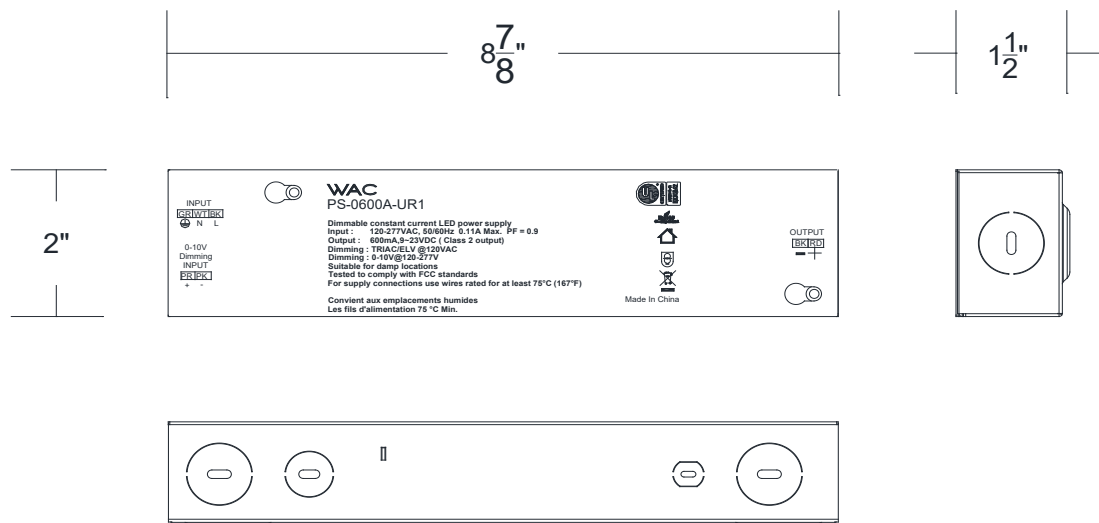
**CAUTION**

- Read all instructions before installing.
- Installed with adequate ventilation around power supply for thermal dissipation
- Do not modify or disassemble product beyond instructions or warranty will be void
- Failure to follow safety warnings, and installation instruction will void the warranty

**FEATURES**

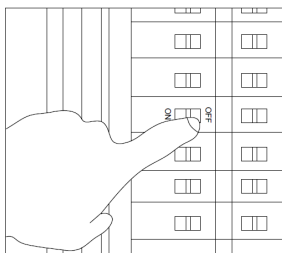
- Integrated wiring compartment for a streamlined installation
- Protection: short circuit/over loading/over temperature
- 120-277VAC Input, 50/60 Hz.
- 600mA, 9-23VDC
- UL Class 2 Output
- 13.8W maximum output,  $\geq 0.9$  pf
- Ambient Temp: -20°C to 45°C (-4°F to 113°F)
- Full protection aluminum housing for dry and damp location

**PRODUCT DIMENSION:**



**WIRING AND INSTALLATION:**

1. Turn Power off at circuit breaker



2. Connect electrical power feed wires

- The power supply box has a separate line voltage wiring compartment with trade size knock out. Simply open a cover off and connect building wires to the same color power supply wires with wire nuts or UL certified electrical connector.
- Enclosed remote power supply must be installed away from any heat sources, and it must be accessible for service.
- Enclosed remote power supply is UL listed.  
 Input wiring colors is shown in table below:

| Power Supply Input Wire Colors | Building Electrical Wiring |
|--------------------------------|----------------------------|
| BLACK                          | Line                       |
| WHITE                          | Neutral                    |
| GREEN                          | Ground                     |

| 0-10V Dimming Input Wire Colors | Control Electrical Wiring |
|---------------------------------|---------------------------|
| PURPLE                          | + (0-10V Range)           |
| PINK                            | -                         |

- Output wiring colors is shown in table below:

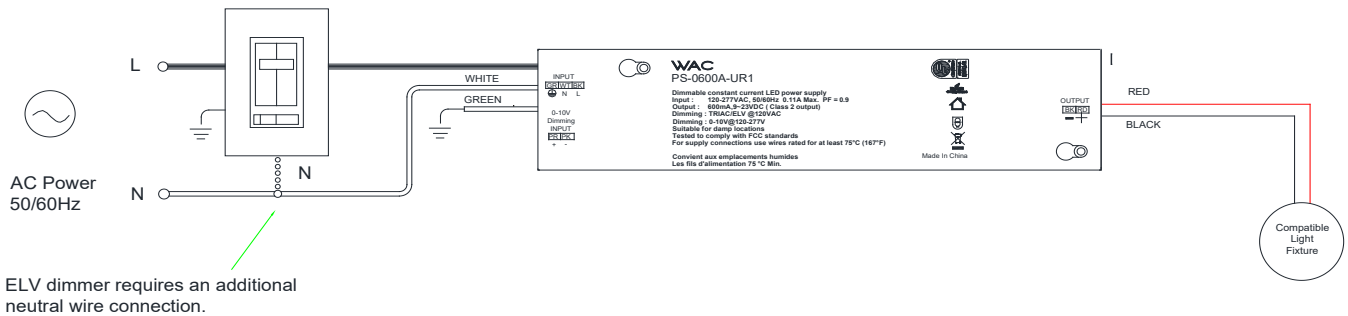
| Power Supply Output Terminal Colors | Electrical Wiring to light fixture |
|-------------------------------------|------------------------------------|
| RED                                 | + (Positive)                       |
| BLACK                               | - (Negative)                       |

**SYSTEM DIAGRAM:**

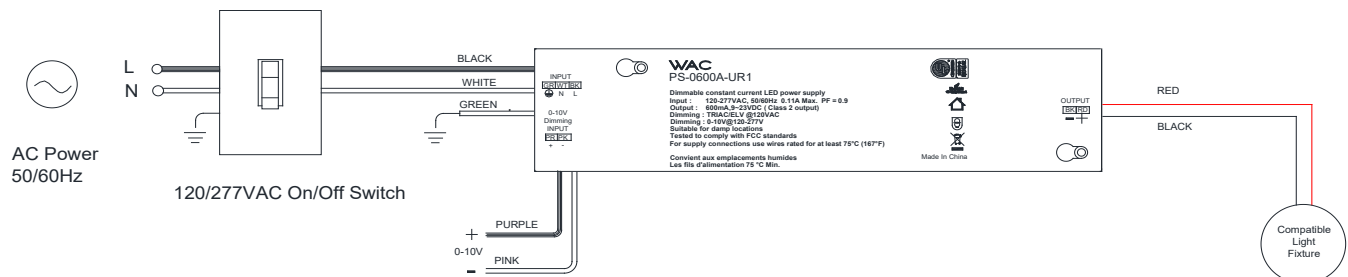
Recommended maximum distance between power supply to compatible light fixture is shown in below table:

| 600mA  | 18 AWG | 16 AWG | 14 AWG | 12 AWG |
|--|--------|--------|--------|--------|
| Max Run Length between power supply to light fixture | 100 ft | 150 ft | 200 ft | 250 ft |

**TRIAC/ELV Dimmer**



**0-10V Dimmer**



\*Note: Longer distance than 100ft between power supply to light fixture requires larger conductor wire than 18 AWG to lower voltage drop across the wire. Excessive voltage drop on conductor wires may lead to an inoperative of power supply.