

**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.

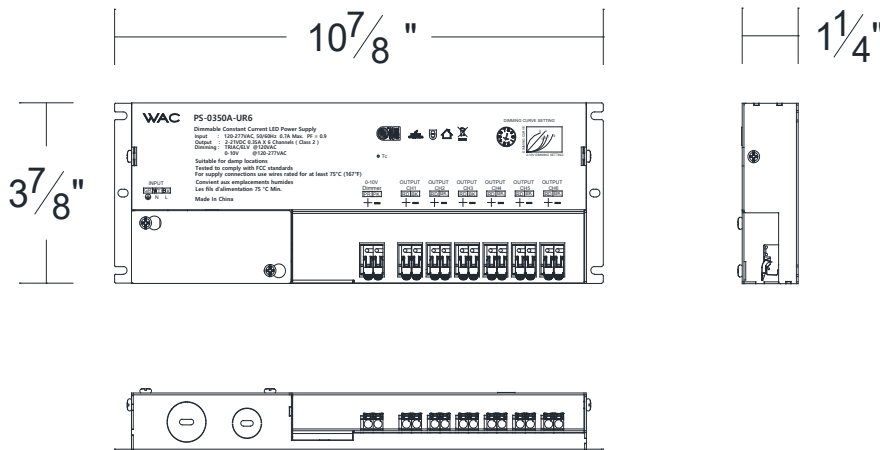
**CAUTION**

- 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**

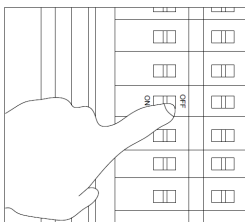
- Integrated wiring compartment for a streamlined installation
- Controls up to 6 luminaries
- Tool-free quick wiring terminals
- Protection: short circuit/over loading/over temperature
- 120-277VAC Input, 50/60 Hz.
- 6 Output Channels of 350mA, 2-21VDC
- 44.1W maximum output, ≥ 0.9 pf
- Selectable 0-10V dimming curves
- 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:**

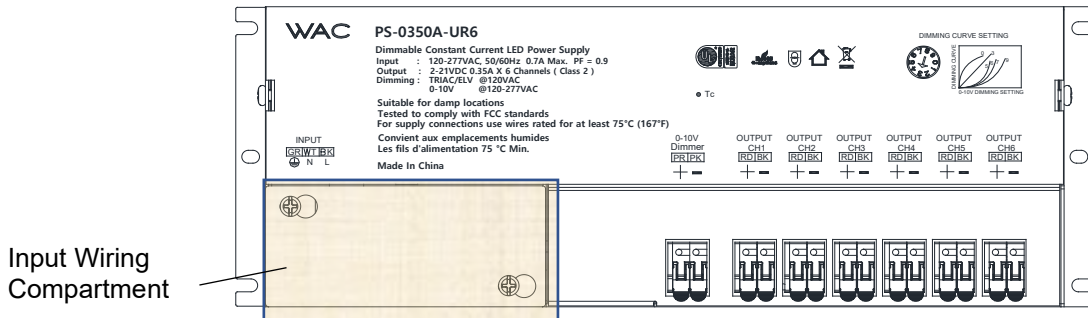
1. Turn Power off at circuit breaker



2. Loosen two cover screws and remove the cover, secure power supply to suitable mounting surface using screws.
3. Connect electrical power feed wires

- The power supply box has a separate line voltage wiring compartment with trade size knock out. Remove appropriate power feed knockout in the power supply box 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.

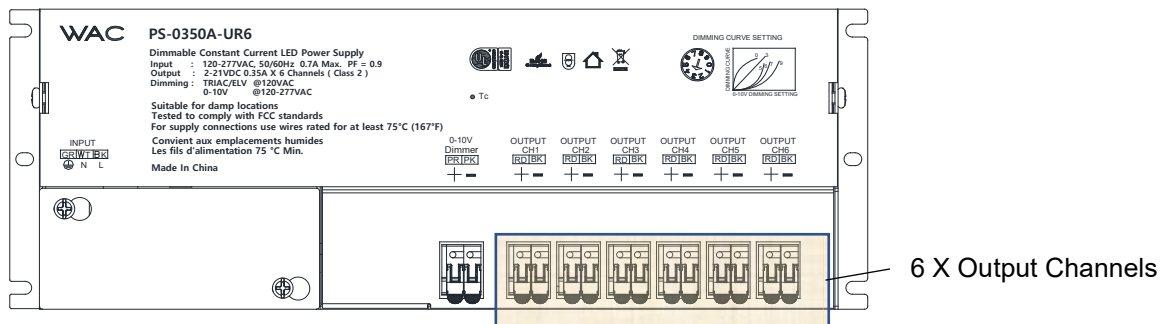
**Input Wiring Compartment**



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

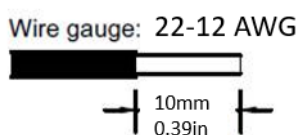
**Output Wiring Terminals**

- Connect compatible fixture (s) to output wires of power supply using time saving terminate conductors from 22-12 AWG of solid, stranded, and fine-stranded conductors by lift lever to open clamping unit, insert stripped conductor and lower the level to close the clamping unit.



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

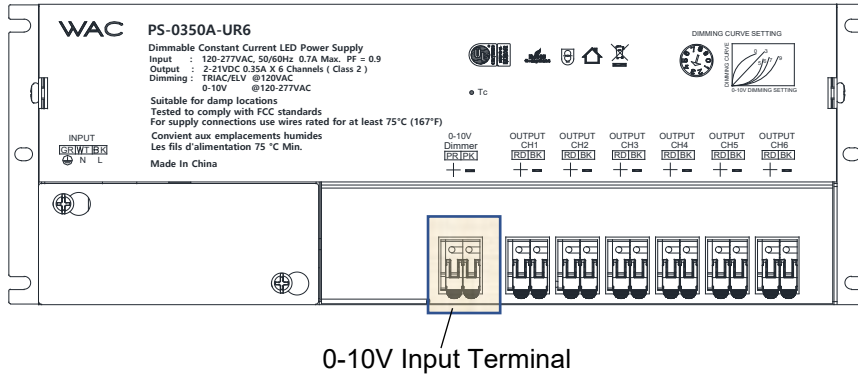
- Recommended conductor stripped length for lever connector is shown below:



**CONTROLS**

Power supply allows output current adjustment through either 0-10V low voltage control or phase cut voltage (TRIAC/ELV)

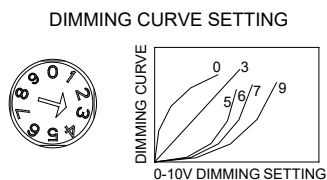
**Option A: 0-10V Low Voltage**



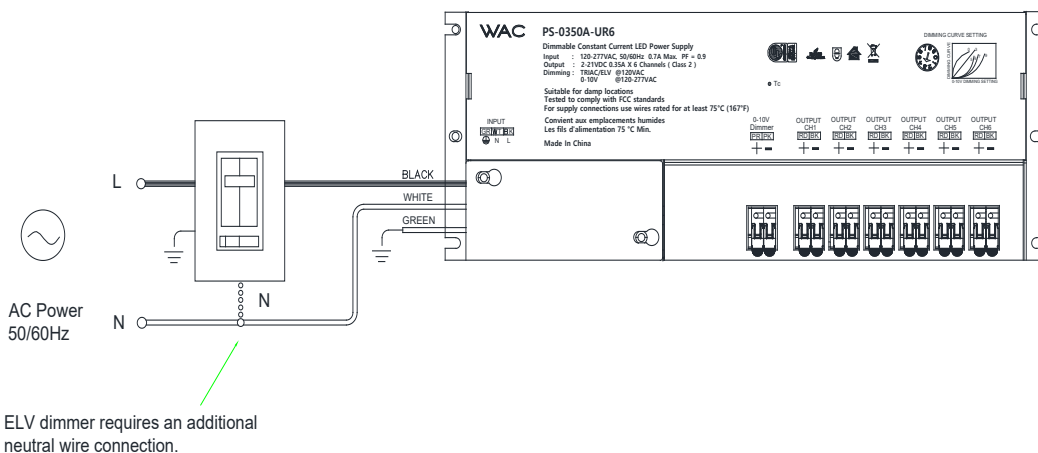
Power Supply 0-10V Input Terminal Color	Electrical Wiring to/from 0-10V Controller
Purple (PR)	+ (Positive)
Pink (PK)	- (Negative)

**Dimming Curve Adjustment**

This dimming curve adjustment feature only offers with 0-10V dimming control. Simply rotates an arrow on a dial using a flat tip screw head from 0 to 9, dimming curve will change from negative exponential (0-2) to linear (3) and positive exponential dimming curve (4-9)



**Option B: Input phase cut voltage (ELV/TRIAC)**



**\*Note:** No dimming curve adjustment function for Phase Cut dimming.

# INSTALLATION INSTRUCTION

## 6 CHs ~ 350mA, 2-21VDC, 44.1W Remote Power Supply

PS-0350A-UR6

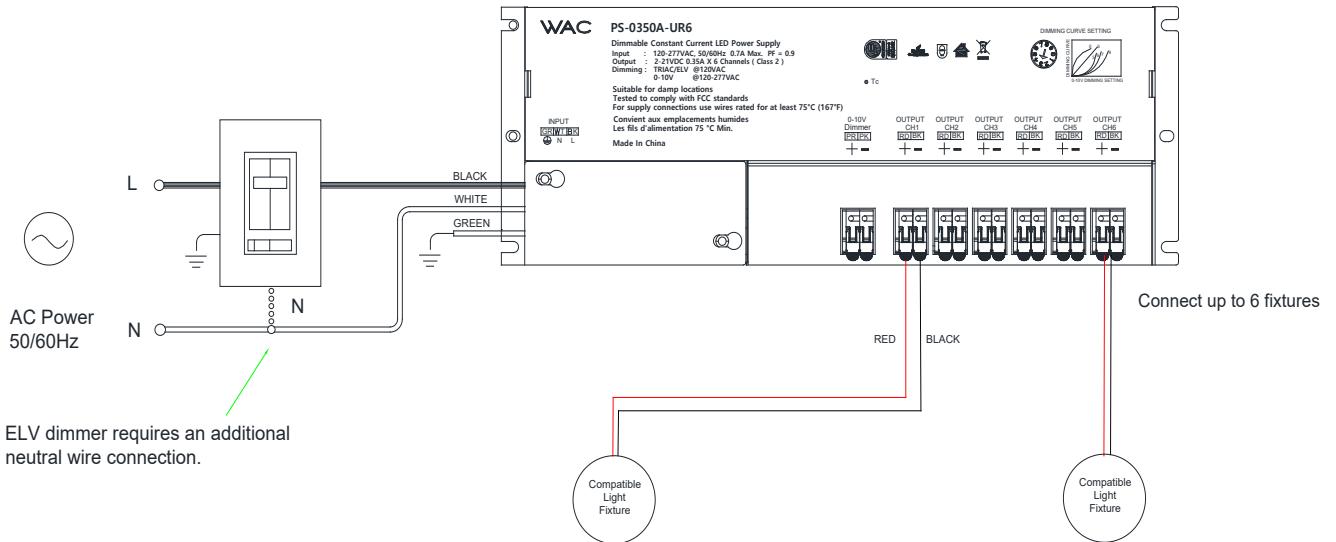


### SYSTEM DIAGRAM:

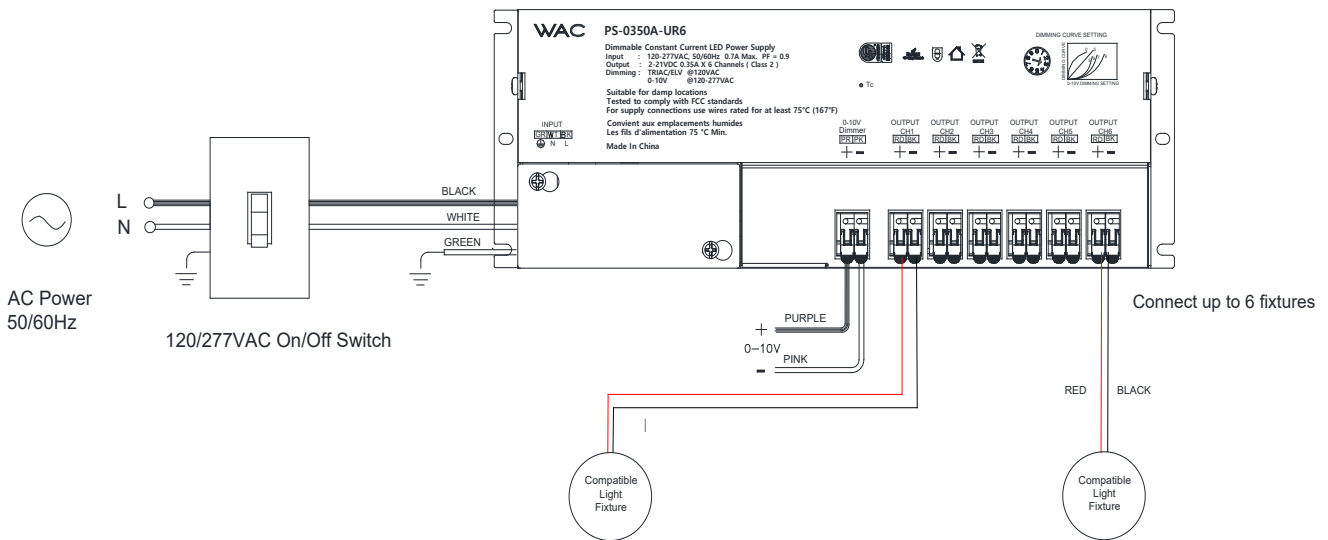
Recommended maximum distance between power supply to compatible light fixture is shown in below table:

350mA	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.