

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.

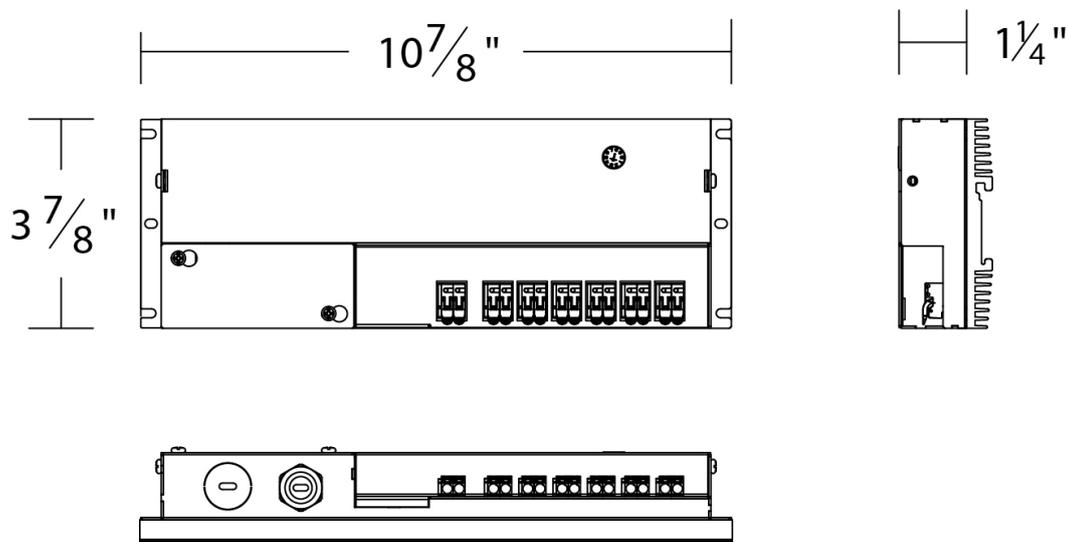
CAUTION

- 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

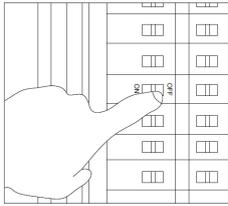
- Integrated wiring compartment for a streamlined installation
- Pre-installed DIN-Rail Mount
- Controls up to 6 luminaries
- Tool-free quick wiring terminals
- Protection: short circuit/over loading/over temperature
- 120-277VAC Input, 50/60 Hz.
- 6 Output Channels of 600mA, 2-21VDC
- 75.6W maximum 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

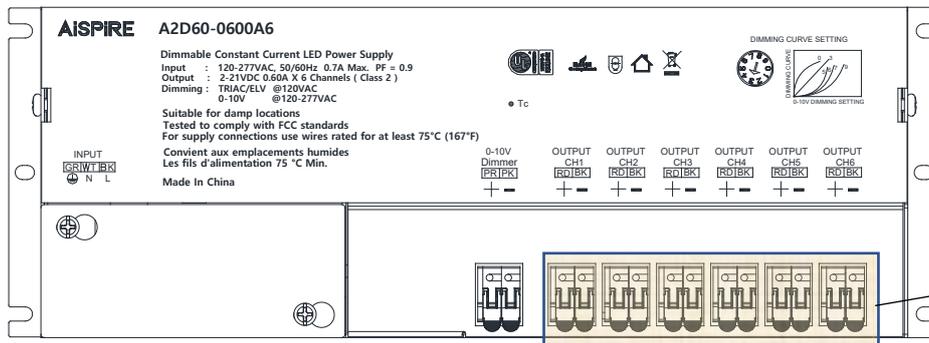


2. Loosen two cover screws and remove the cover, secure power supply to suitable mounting surface using screws.
3. Connect electrical power feed wires

- 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.

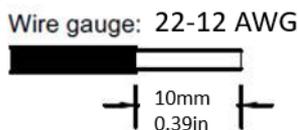
Output Wiring Terminals

- 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) |

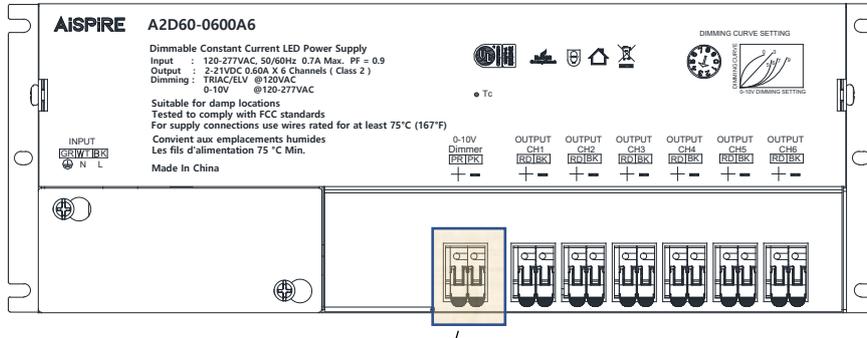
- Recommended conductor stripped length for lever connector is shown below:



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

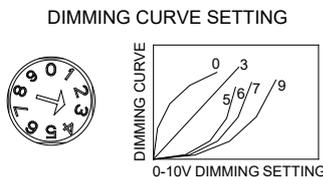


0-10V Input Terminal

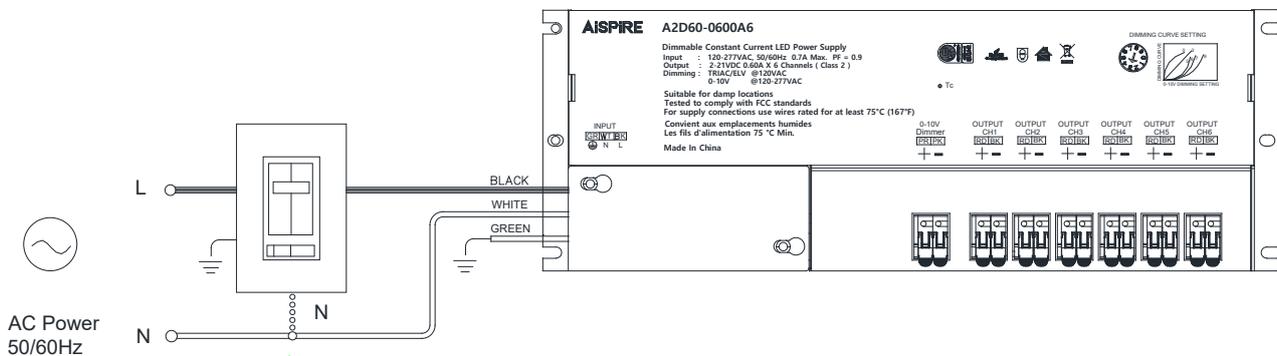
| Power Supply 0-10V Input Terminal Color | Electrical Wiring to/from 0-10V Controller |
|---|--|
| Purple (PR) | + (Positive) |
| Pink (PK) | - (Negative) |

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)



ELV dimmer requires an additional neutral wire connection.

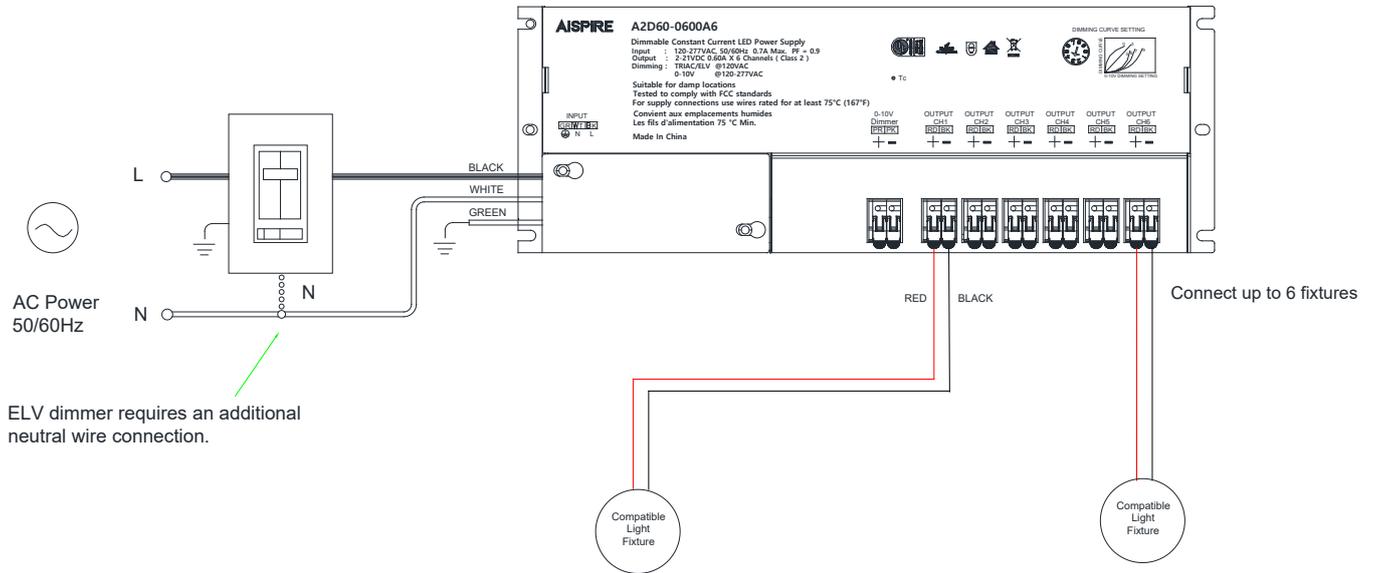
***Note: No dimming curve adjustment function for Phase Cut dimming.**

SYSTEM DIAGRAM:

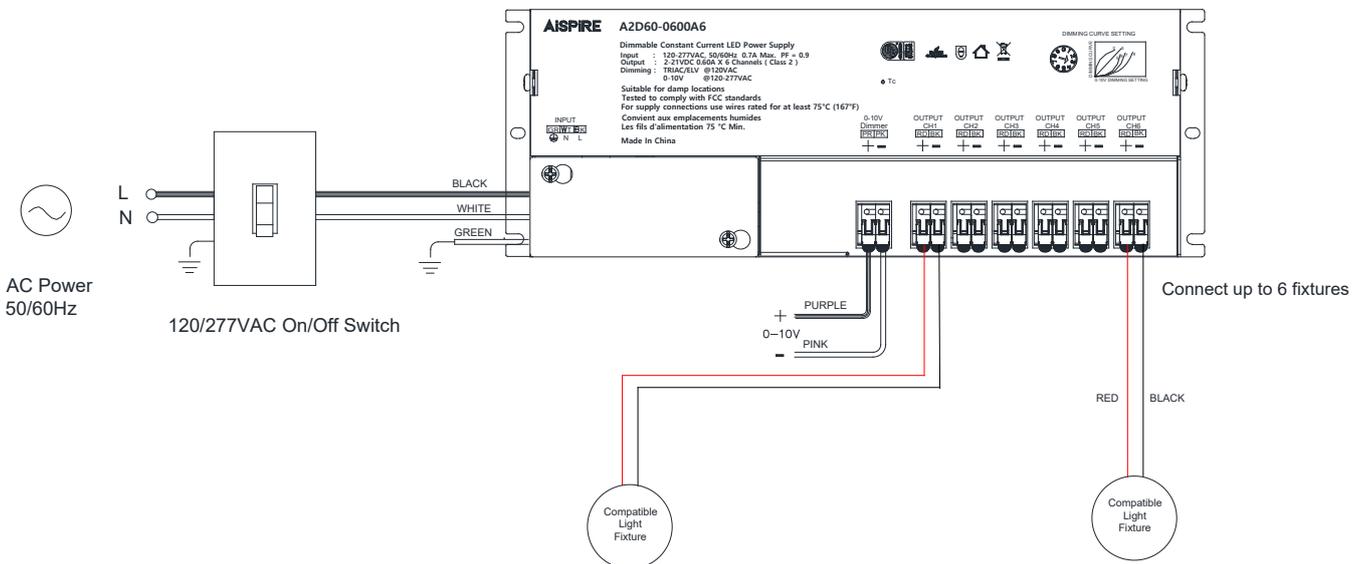
Recommended maximum distance between power supply to compatible light fixture is shown in below table:

| 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.