



Omnilight Apogee Series Power Supply Installation Instructions

Please read all instructions prior to installation

Apogee Power supplies are to be installed by a qualified electrician in accordance to NEC and local building codes

Apogee series power supplies are designed for 110-277VAC input and 24VDC output

Features:

- Constant voltage output
- Power factor: 0.98-0.99@120VAC
- Dimming range: 0-100%
- Protection: short circuit/over load/over heat
- Compatible with forward phase, reverse phase, triac, MLV, ELV & 0-10V/1-10V, or Potentiometer or 10V PWM dimmers
- AC input: 110-277VAC
- Load: 10-100%
- Safety standard: UL8750

Suitable for use in dry, damp & wet locations.



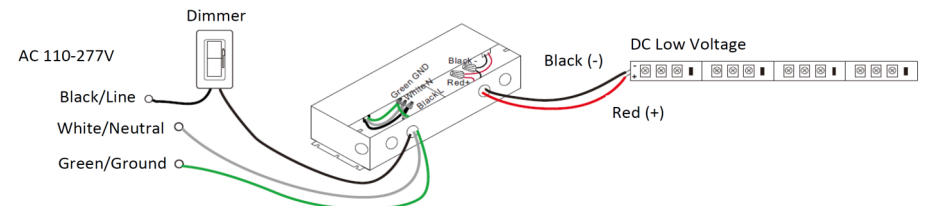
Installing Power Supply

1. Make sure power is turned off before installing.
2. Confirm the output wattage of power supply is correct for secondary load.
3. Before mounting power supply, remove cover and orientate power supply so wiring compartments align with input & output feeds.

The Apogee power supply can be dimmed using Triac, ELV, MLV or 0-10 volt.

Triac, ELV, MLV dimming:

Primary side (110-277VAC) input: connect Black to Line, White to Neutral & Green to Ground
Secondary side (24VDC) output: connect Red to Positive (LED +) & Black to Negative (LED -)



0-10 volt dimming:

Primary side (110-277VAC) input: connect Black to Line, White to Neutral & Green to Ground
Secondary side (24VDC) output: connect Red to Positive (LED +) & Black to Negative (LED -)
Designed to connect to 0-10V/1-10V, or Potentiometer or 10V PWM dimmer - connect Purple to Positive (+) & Gray to Negative (-)

