

Phase Adaptive CVR Dimming Power Supply

CVR-24-96



PRODUCT DESCRIPTION

The Phase Adaptive Constant Voltage Reduction (CVR) Dimming Power Supply from Environmental Lights is one of the most exciting LED power supplies available. What makes this driver unique is that it utilizes Non-PWM dimming and thus can be remote mounted up to 150 feet from the LED lights.* Additionally, this power supply is compatible with our full phase dimmer lineup. The output can drive a full load at 100% so there is no need to de-rate this power supply. It works with an input voltage of 120-277VAC so you can utilize it for many commercial applications. It is incredibly robust and includes a 5-year warranty. This UL Listed power supply features integrated wiring compartments for a streamlined installation.

PRODUCT FEATURES

- Can be located up to 150 feet from the load*
- Continuous, flicker-free dimming from 1% - 100%
 - Optimal dimming performance for loads greater than 10% max load capacity
- Integrated wiring compartments (Primary and Secondary)
- Dry/Damp Rated
- UL Listed, Class-2, RoHS
- Warranty: 5 Year Limited

*Appropriate wire gauge is required to account for voltage drop over long power feeds.

TECHNICAL SPECIFICATIONS

Product	CVR-24-96
Power (W)	96 Watts [Full Capacity]
Voltage	110-277 VAC, 50/60Hz
Listed Current	1.3A at 110 VAC
Operating Voltage	24 Volts DC
Finish	Black
Width	3.75 in (95.4 mm)
Length	8.66 in (220 mm)
Height	1.72 in (43.8 mm)
Warranty	5 Year Limited
Rating	UL Listed, Class 2, RoHS
IP Rating	IP44

Input

- 110-277 VAC, 50/60 Hz
- Dimmed Input, Phase Adaptive:
 - Forward Phase/ Magnetic Low-Voltage
 - Reversed Phase/ Electronic Low-Voltage
 - Triac
- 3-Conductor Bare Wire [Ground, Line, Neutral]
- Listed Current: 1.3A max at 110 VAC

Output

- 2-Conductor Bare Wire [V+, V-]
- Operating Voltage: 24 Volts DC
- Rated Power: 96 Watts [Full Capacity]

MECHANICAL SPECIFICATIONS

