



LED Driver 100W, 120-277V Input, 0-10V Dimmable, UL-Listed Power Supply

- Delivers 100 W of rated output power
- Accepts 120-277 VAC input voltage range
- Supports 0-10V dimming control interface
- Rated for 50,000-hour LED lifetime
- UL-listed for outdoor electrical compliance
- Backed by a 1-year manufacturer warranty

OVERVIEW

The 1-ST-V100W is a power supply designed for cobra head street light fixtures used in roadway, parking area, and general outdoor area lighting installations. It provides the electrical drive stage for the fixture's LED load and is intended for fixed outdoor mounting on street light poles and similar structures.

The unit delivers 100 W of output and accepts an input range of 120-277 VAC, allowing operation across standard commercial and municipal line voltages. It supports 0-10V dimming control for integration with lighting management systems and carries a rated LED lifetime of 50,000 hours.

The power supply is UL-listed and backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Beam Angle	120°
LED Lifetime	50,000 h

ELECTRICAL

Operating Voltage	120-277 V
Wattage	100 W
Dimmer Type	0 - 10V

ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE



UL Listed

APPLICATIONS

- Roadway and street lighting
- Parking lot and area lighting
- Cobra head fixture retrofits
- Municipal outdoor lighting systems
- Commercial site lighting

slug	value	source	confidence
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–277 V	db	high
wattage	100 W	db	high
dimmer_type	0 - 10V	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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