

200W 24VDC Dimmable LED Power Supply, IP67, 5-in-1 Dimming, UL Listed

OVERVIEW

The P-S200-24-D-UL is a 200W constant-voltage LED dimming driver rated at 24VDC output, designed for outdoor and wet-location lighting installations. It supports five dimming protocols—0-10V, 1-10V, 10V PWM, Triac, and Resistance—making it compatible with a wide range of dimming systems and controls without requiring additional interface hardware.

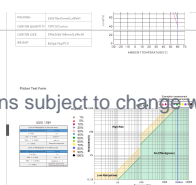
The driver delivers up to 8.5A at 24VDC \pm 0.5VDC across a 0–200W load range, with typical efficiency of 90% and a rated service life of up to 50,000 hours. Input voltage accepts 175–264Vac or 100–130Vac at 50/60Hz. Operating temperature range is -30°C to 50°C ambient. Protections include overload, over-temperature, short-circuit, and over-voltage, with automatic recovery on most fault conditions. The unit is cooled by free-air convection and undergoes 100% full-load burn-in testing.

The enclosure carries an IP67 ingress protection rating, suitable for direct exposure to dust and temporary water immersion. The driver carries UL listing (E498189). No warranty term is confirmed in the available source documentation; consult your Poli LED & Signs representative for current warranty terms.

SPECIFICATIONS

Power	200 W	Dimensions	238 x 58 x 32 mm
IP rating	IP67	Weight	840 g
Input voltage	100-130 / 175-264 Vac	Rated life	50000 hours
Output Voltage	24 VDC	Dimming Interface	0-10V / 1-10V / 10V PWM / Triac / Resistance
Output Current Max	8.5 A	Dimming Range	0-100 %
Efficiency	90 %	Ripple Noise	"d400 mV
Power Factor	>0.55	Inrush Current	60 A
Operating temp	-30 to +50 °C		

DIMENSION





IP67