

100W 12VDC Waterproof LED Driver, IP67, 5-in-1 Dimmable, UL Listed

OVERVIEW

The P-S100-D-UL is a constant-voltage LED dimming driver rated at 100W with a 12VDC output, designed for outdoor LED lighting installations requiring flexible dimming control. It accepts a wide AC input range of 175–264Vac or 100–130Vac and supports five dimming methods: 0-10V, 1-10V, 10V PWM, Triac, and Resistance dimming, with a dimming range of 0–100% and LED start capability at 1%.

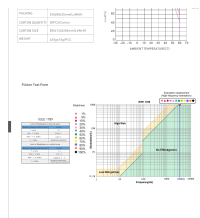
The driver delivers up to 8.3A output current with a rated efficiency of 90% and is rated for up to 50,000 hours of service life. It operates across an ambient temperature range of -30°C to 50°C and is cooled by free air convection. Built-in protections include overload, over-temperature, short circuit, and over-voltage, with automatic recovery on most fault conditions. Unit dimensions are 223 x 62 x 18.5 mm.

The driver carries an IP67 ingress protection rating, confirming suitability for wet and outdoor environments. The UL file number E498189 is referenced in the datasheet. A 3-year warranty is included.

SPECIFICATIONS

Power	100 W	Dimensions	8.78 x 2.44 x 0.73 in (L x W x H)
IP rating	IP67	Weight	1.03 lb
Input voltage	100-130 / 175-264 Vac	Rated life	50000 hr
Operating temp	-30 to 50 °C		

DIMENSION



CERTIFICATIONS & COMPLIANCE

IP67

IP67