

200W 12VDC Waterproof LED Driver, IP67, 5-in-1 Dimmable, UL Listed

OVERVIEW

The P-S200-D-UL is a constant-voltage LED dimming driver rated for outdoor and wet-location installations. It supports five dimming protocols—0-10V, 1-10V, 10V PWM, Triac, and Resistance—making it compatible with a wide range of dimming control systems without requiring a separate driver per application.

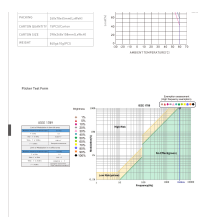
The driver delivers 12VDC output at up to 16.7A and 200W, with an output voltage tolerance of ± 0.5 VDC. Input accepts 175–264Vac or 100–130Vac at 50/60Hz. Efficiency is rated at 90% typical, with a power factor greater than 0.55 at 230Vac full load. Dimming range is 0–100% with LED start possible at 1%, and output is rated flicker-free. Operating ambient temperature range is -30°C to 50°C . Rated service life is up to 50,000 hours. Cooling is by free air convection. Unit dimensions are 238 x 58 x 32mm and weight is approximately 840g.

The driver carries an IP67 ingress protection rating, confirming dust-tight construction and protection against temporary water immersion. The UL listing number E498189 is indicated on the datasheet. Protections include overload, over-temperature, short-circuit, and over-voltage, all with automatic or re-power recovery. A 3-year warranty is included.

SPECIFICATIONS

Power	200 W	Dimensions	238 x 58 x 32 mm
IP rating	IP67	Weight	840 g
Input voltage	175-264Vac or 100-130Vac Vac	Rated life	50000 hours
Operating temp	-30 to 50 °C		

DIMENSION





IP67