

100W 24V Dimmable LED Driver, Triac & 0-10V, ETL Listed

OVERVIEW

The P-100-24-D-ETL is a 100W constant voltage LED driver with dual dimming support, accepting both Triac and 0/1-10V control signals. Designed for commercial and architectural LED lighting installations, it delivers a regulated 24VDC output and is suitable for integration into fixed luminaire assemblies where dimming control is required.

The driver operates on a wide AC input range of 170–264VAC at 50/60Hz and delivers up to 8.3A at 24VDC with a maximum ripple and noise of 150mVp-p. Full-load efficiency is rated at 85%. Built-in protections include short circuit, overload, and over-temperature, all operating in hiccup mode with automatic recovery. The unit is rated for ambient operating temperatures from -20°C to +50°C and measures 230 x 50 x 30mm.

The driver carries a CE Mark with compliance to EN55015:2013, EN61547:2009, EN61000-3-2:2014, and EN61000-3-3:2013. Note: ETL listing is referenced in product records but is not confirmed in the available datasheet documentation. A 3-year warranty applies per distributor terms. Installers should verify final EMC compliance at the system level per applicable directives.

SPECIFICATIONS

Power	100 W	Dimensions	230 x 50 x 30 mm
Input voltage	100-130 / 170-264 VAC	Weight	0.36 kg
IP rating	IP20	Operating temp	-20 to +50 °C

DIMENSION

	Packing	50pcs/CTN
Notes	1. All parameters NOT specially mentioned are measured at 230VAC input , rated load and 25°Cof ambient temperature. 2. Tolerance: includes set up tolerance, line regulation and load regulation . 3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be- qualifyEMC Directive on the complete installation again.	

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CERTIFICATIONS & COMPLIANCE



CE