

AC/DC LED driver offers 24V constant-voltage output



Phihong USA has developed a 72W constant voltage LED driver designed to power area, wash, and architectural lighting in harsh environments. Designated the PDA072B-24VG, the driver has a Class 2 output of 24VDC at 3A and is compliant with the Energy Star specifications regarding solid-state lighting luminaires.

“Our new outdoor-compatible driver is ideal for powering multiple LED lamps in parallel, eliminating the need for individual drivers,” said Keith Hopwood, vice president of marketing for Phihong USA. “By combining a constant voltage driver with individual driver ICs, users can enjoy greater flexibility when designing custom lighting projects.”

Designed for use with separate driver ICs to power several luminaires from a single source, the PDA072B may be used in a wide range of environments, both damp and dry. The fully potted, water-resistant driver has an ingress protection rating of 65, and is operable in temperatures ranging from -40°C to +60°C. The unit also features power factor correction greater than 0.9, per Energy Star specifications for power supplies in SSL luminaires, and bears safety approval markings from UL and CE.

Fully equipped with over-voltage, over-current, short-circuit, and open circuit protections, the 72W power supply’s minimum average efficiency rating has been measured at 84% for 120VAC input and 88% for 277VAC input. It also features a

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measured lifespan of 50,000 hours at maximum load.

The PDA072B-24VG carries a standard 5-year warranty, measures 241mm x 43mm x 30.5mm, and weighs 750 grams. Pricing for the unit starts at \$87.84 in single unit quantities. For more information, including an individual product datasheet, please visit www.phihong.com/LED [1].

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[1] <http://www.phihong.com/LED>