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For Immediate Release

Contact: Bobbie Grider
Inventronics
Bobbie@inventronicsusa.com

Inventronics Expands Family of Controls-Ready LED Drivers with High Input Voltage

Hangzhou, China –March 7, 2019 - Inventronics has announced the expansion of the ESD family of Controls-Ready, high input voltage LED drivers to include models delivering a full 480W at a wide output current range between 1.5-10.0 A. The new ESD-480SxxxDT series operates over a 249-528Vac input range making it ideal for a multitude of projects in varying geographical locations. It provides absolute cost savings with full-load efficiency up to 95% and eliminates the need for a step-down transformer within the lighting fixture.

The ESD-480SxxxDT drivers are equipped with Controls-Ready features which provide a 12V/200mA auxiliary output and dim-to-off capability with $\leq 0.5W$ standby power consumption. The benefits of these features to OEMs and lighting designers are decreased installation space and reduced fixture costs by eliminating the need for a secondary power supply and an AC switch or relay to turn the drivers on/off. For more energy savings, they provide dimming functionalities such as 0-10V, PWM and 3 timer modes, making them more versatile than traditional LED drivers and allowing easy integration into smart lighting applications.

The ESD-480SxxxDT supplies 6kV line-to-line and 10kV line-to-earth surge protection which provides a stable and reliable performance, regardless of the environmental factors. They are IP67 rated, TYPE HL drivers making them a rugged option for harsh indoor and outdoor lighting applications including sports arena, horticultural, port and high mast lighting. They feature over-voltage, short-circuit, and a self-recovering internal and external over-temperature protection while also including output lumen compensation and thermal sensing for LED modules. This results in less maintenance and no power recycling.

This new series is approved to UL, FCC and CE standards. Production quantities of the ESD-480SxxxDT series are available now. For full datasheets please check the Inventronics website (www.inventronics-co.com) or contact the company at sales@inventronics-co.com.

Headquartered in Hangzhou, China, Inventronics is a world class enterprise specializing in the design, manufacture, marketing and sales of reliable & innovative LED driver products, now a leading supplier of LED drivers to the global market. Learn more at Inventronics-co.com

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