

FOR IMMEDIATE RELEASE

Fulham Introduces New Programmable WorkHorse LED Outdoor Driver Family with Optional Integrated Controls

Intelligent Outdoor Drivers Designed to Interoperate with Twilight CityManager Software for Smart City Lighting Applications, DALI, or 0-10v Dimming

HAWTHORNE, Calif. – April 19, 2016 – Fulham Co., Inc. (www.fulham.com), a leading supplier of lighting components and electronics for commercial and specialty applications, today introduced a new line of WorkHorse LED Outdoor drivers that are fully programmable, and offer a variety of controls interfaces, including integrated wireless. The new WorkHorse LED drivers are the first integrated drivers for integrated remote management and are designed to work with the [Twilight CityManager](#) web-based Smart City management platform. Fulham will be demonstrating the WorkHorse LED Outdoor drivers next week in booth 3817 at LightFair in San Diego.

The universal voltage (120-277v) family of outdoor drivers come in five models, from 40W to 200W, offer programmable output from 250mA to 2050mA, are rated IP65 or better, and use the Fulham SmartSet programmer and software. They are designed for outdoor

luminaire applications such as area/roadway, parking lot, parking garage, and building exteriors.

Between now and 2020, these applications, today penetrated just less than 11% by LED is expected to grow to over 60% of the market, totaling an installed base of over 100M luminaires at that time.

In addition, the WorkHorse LED Outdoor drivers have integrated software to connect to the Twilight cloud-based control system. The 802.15.4 wireless device can be quickly installed and commissioned, and the real-time software driver includes a fixture health monitor as well as the ability to read and set the driver remotely. Sensors can be added to the installation wirelessly.

“Luminaires are becoming much more connected, especially outdoors”, said Russ Sharer, Vice President of Global Marketing for Fulham. “With this WorkHorse LED outdoor driver family, we provide multiple control options enhanced for simple integration and easy operation. Removing the complexity from controls is what customers are demanding.”

The WorkHorse LED Outdoor drivers are designed to interoperate with CityManager software from Twilight, which applies Internet of Things (IoT) for wireless management and control. Combining the LED drivers with the CityManager software gives users a centralized management system for outdoor lighting that provides complete remote control. When used for street, parking, or other outdoor fixtures, the WorkHorse LED driver can be remotely programmed for automated on, off, and dimming, as well as providing health and

performance statistics. The drivers also can even be reprogrammed for different light sources, such as a replacement LED light source that is more energy efficient.

"More and more customers are requiring programmability, not only for manufacturing flexibility, but also for maintenance, when replacement LED light sources are more efficient and drive current has to be tuned to ensure the updated fixture light output matches the rest in that room or location," Sharer said.

Optionally, the drivers are also available with a DALI control interface, the global IEC 62386 communications standard, and the most multivendor interoperable of any lighting control protocols. A 0-10v version is also available.

The drivers will be available in May for OEM integration into luminaires.

For more information about Fulham's complete line of LED drivers, please visit

<http://www.fulham.com/product-systems/led-systems/>.

About Fulham

Fulham Co., Inc. is a leading global provider of intelligent, sustainable commercial lighting components and electronics for use in commercial general lighting, parking structure, signage, horticultural, UV and other applications. The company develops and manufactures a variety of award-winning LED and emergency products, as well as legacy products across multiple lighting platforms. Fulham sells its lighting solutions worldwide through original equipment manufacturers (OEMs) and electrical equipment distribution channels.

Headquartered in Hawthorne, Calif., the company has sales and/or manufacturing facilities in the U.K., China, India and the UAE. For more information, visit www.fulham.com.

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