



LED Driver Selection Guide



Fulham is the preferred partner of over 3000 lighting manufacturers and distributors worldwide.

As a pioneer in the electronic lighting industry, we have the product breadth and expertise to meet the application requirements for achieving the light and performance you demand.

Our WorkHorse LED, HotSpot LED, and ThoroLED drivers, light sources and engines offer superior reliability, and greater value through more intelligent design, integration and performance.

Technology is only as good as the people who stand behind it.

The Fulham team not only has seldom matched in-depth application and vertical market expertise, but is consistently ranked as best in the industry for customer care.

This Selection Guide is designed to give you an idea of how our products can increase the value of yours, but our offerings are continually expanding. If you don't see exactly what you need, call us. You owe it to your customers to work with Fulham.



Programmable Drivers



The WorkHorse LED family of programmable drivers brings Fulham's expertise in building flexible, reliable products to the LED market. New WorkHorse LED Extreme models are IP65 to ensure performance and reliability in outdoor and high-power indoor applications.

With output currents programmable in 1mA increments, one WorkHorse LED driver can replace over 1600 fixed output driver SKUs. Attributes such as dimming curve, voltage, and lowest dimming percentage can also be customized, allowing the driver to match the output of existing fixtures or serve as a flexible platform for new luminaire designs.

Programming is simple, using either the handheld TBSP-100 SmartSet Controller or feature-rich SmartSet PC software. The driver does not need to be powered during programming, and an auto-program feature allows quick programming of multiple units.



HotSpot Plus LED Driver & Emergency System

Fulham's innovative HotSpot Plus LED Driver and Emergency System combines the power of a programmable, 0-10V dimming LED driver with the reliability of an LED battery backup system.

In standard mode, the HotSpot Plus functions as a 40 Watt constant current LED driver, with a programmable output current range of 250 - 1400mA. The output current can be set through a portable handheld controller, or with a PC using advanced programming software.

During a power outage, the HotSpot Plus automatically engages an integrated backup battery, which provides 5W of power for 180 minutes or 10W for 90 minutes. Available in three form factors for maximum flexibility, the HotSpot Plus is the smallest complete emergency LED solution available.



- Compatible with the Fulham SmartSet programming system
- Wide programmable current range
- Advanced programming features: dimming curve, thermal feedback, grouping, and more
- Programmable dimming curve allows step dimming and dim-to-off
- One Touch Programming capability for high volume usage
- Certifications: cURus, CE, SELV, RoHS compliant
- UNV (120-277V) & 347V input models



SmartSet Software



TPSB-100 SmartSet Controller

- Lowers costs by eliminating need for separate emergency system
- Programmable output current allows replacement of multiple SKUs
- Three form factors available:
 - FHSAC1-UNV-40BLS:** 6.4" x 3.1" x 1.5" (Bottom Leads)
 - FHSAC1-UNV-40C:** 6.3" x 3.1" x 1.1" (End Leads)
 - FHSAC1-UNV-40L:** 9.5" x 2.4" x 1.3"
- SmartSet programming enables customized dimming curve for new or existing fixtures
- Single component simplifies wiring
- Universal voltage input
- Self-diagnostic capability
- NTC thermal feedback
- Replaceable battery

For programming instructions and software, spec sheets, demo videos & more, please visit www.fulham.com

Fulham is a member of the Zhaga Consortium, a global organization that works to standardize LED components and simplify LED luminaire design and manufacturing.



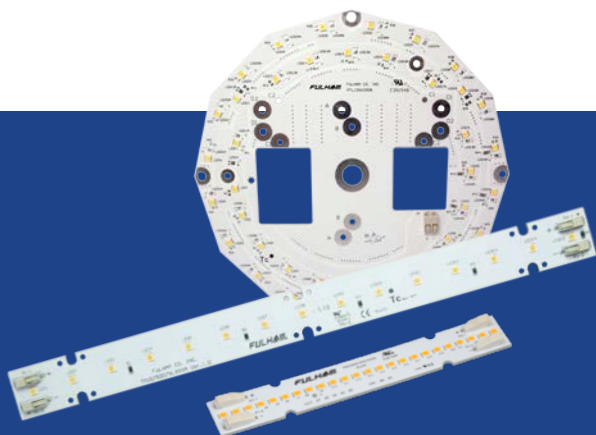
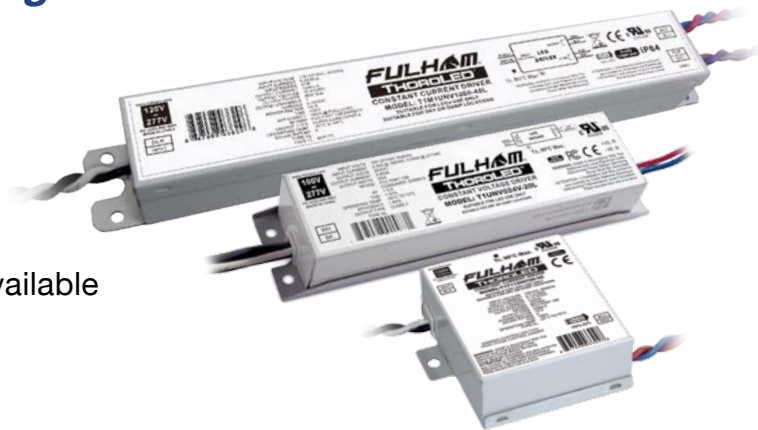


FULHAM IP65 Programmable **WORKHORSELED** Drivers

- Rugged construction for harsh, demanding environments
- Award-winning wireless dimming and driver management system
- Advanced programming options, MCU controlled circuit and health monitoring

FULHAM Constant Current & **THOROLED** Constant Voltage LED Drivers

- Compact size
- 120V, 220V - 240V, UNV & 347V
- Optimized system efficiency
- UL Class 2
- TRIAC, 0-10V, DMX, & DALI dimming models available



LED Modules & Emergency Solutions

Fulham LED drivers are designed for maximum compatibility & efficiency when paired with ThoroLED LED modules and HotSpot emergency systems. Visit www.fulham.com to learn more about the benefits of Fulham's integrated LED solutions.

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