

ENERGY SOLUTIONS FOR:

RETAIL FACILITIES



FULHAM
Harness the Horsepower

EMERGENCY/EXIT • LED • FLUORESCENT • CONTROLS • RETROFIT KITS

START SAVING TODAY

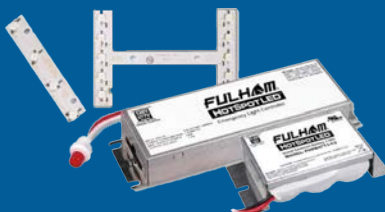
SEIZE THE BENEFITS OF ENERGY-EFFICIENT, COST-SAVING LIGHTING.

Fulham is equipped with an ample assortment of lighting components and systems to outfit or retrofit your retail store with quality lighting solutions

- Reduce your total energy costs
- Reduce maintenance frequency and expense
- Lessen service interruptions / enhance safety
- Preserve your existing fixture investment
- Offer a rapid return on investment (ROI)
- Possibly qualify for utility rebates, based on location



MICRO-INVERTERS



**HOTSPOT™ LED
EMERGENCY SYSTEMS**



**CONTROLLABLE
LIGHTING SYSTEMS**



TROFFER RETROFIT KITS



**WORKHORSE
PROGRAMMABLE DRIVERS**



EXIT/EMERGENCY

Fulham's recommended suite of lighting offerings for retail locations include:

1. 90 CRI LED Retrofit Kits for Troffers and Panels with CCT and Power Selectability
2. Field-installable HotSpot1 kits to add LED Emergency capability to Troffers
3. Programmable LED drivers or legacy Fluorescent ballasts as field replacements
4. Exit Signs & Emergency Lighting units for egress
5. Micro-inverters that work with any lighting technology type to provide Emergency power
6. Bluetooth® Mesh Lighting Systems (software and hardware) for lighting control

Bluetooth is a registered trademark of Bluetooth SIG, Inc.



1 TROFFER & PANEL LED RETROFIT KITS

Fulham now offers LED retrofit kits for common size 2x2 and 2x4 troffers and panels. Preserve your fixture investment by retrofitting existing housings with longer lasting, more efficient LED technology. What's more, our 90 CRI solutions offer both power and CCT selectability.

2 HOTSPOT1 LED EMERGENCY LIGHTING KITS FOR TROFFERS

Add inconspicuous, efficient Emergency LED capability troffers with our field-installable kit. Each includes a HotSpot1 LED Driver & battery pack, LED module, hardware, and the necessary UL Classified label.

3 PROGRAMMABLE LED DRIVERS & VERSATILE FLUORESCENT BALLASTS

Field service couldn't be easier than with Fulham components such as LED Programmable (and Re-Programmable) Drivers and multi-use WorkHorse Fluorescent Ballasts. Both offer the ability to carry a minimal number of SKUs and to 'do more with less!'

4 EGRESS SOLUTIONS

Fulham has a wide variety of EXIT sign, running man, single and dual head lighting fixtures for demarcation of paths of egress.

5 MICRO-INVERTERS / EMERGENCY POWER SUPPLIES

Fulham's 25 Watt Micro-Inverter delivers power to fixtures of any technology type in emergency mode at 25W for 90 minutes. You may run a fixture GREATER than 25W by using built-in 0-10V dimming wires. It can support one fixture rated for 150W or multiple fixtures whose system wattage adds up to 150W in normal operation.

6 BLUETOOTH® MESH LIGHTING SYSTEMS

Controllable Lighting Systems – Sensors, Switches, Drivers and Gateways for Bluetooth Mesh Lighting, Daylight Harvesting (decreasing your lighting levels when natural light is available), Occupancy Sensing and more.





SAVINGS EXAMPLES



Fulham's lighting solutions for retail locations offer several opportunities for money savings compared with legacy and non-controllable technologies.

The **first** is their energy savings. It's well documented that LED technology uses the lowest amount of energy compared with any other lighting source. So when switching out fluorescent, incandescent, or HID technologies with LED instead, this will directly affect kilowatt hour usage to save you money.

Further savings are available when also coupled with *Lighting Controls Technology* that can take advantage of daylight harvesting and occupancy sensing.

The **second** is maintenance savings. The cost of re-lamping frequently is high. It requires a lift truck in many situations, likely time of more than one worker, the cost of new lamps and their proper disposal (if they contain mercury). Plus, it comes with the inconvenience of service interruptions and their costs to your business. LED technology far surpasses the useful life of any other lighting source, dramatically lessening the need to replace parts..

Third, the CRI of LED technology in present day hovers between 80 and 90 standard. The resulting appearance of lit environments can produce more clarity to the naked eye and on video cameras, which has the potential to boost a sense of safety. This could result in fewer incidents that relate to poor lighting, e.g. accidents, theft, etc.

Fourth, Fulham is known for highest quality and reliability. Minimizing chances of post-installation failures in the field is crucial.

