



FIREHORSE

FULHAM

Versatile Emergency Lighting Solutions

EM LED LIGHTING KITS FOR TROFFERS



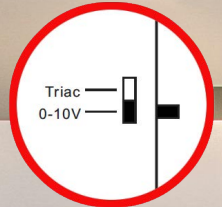
10W CONSTANT POWER EM LED DRIVER W/ CONDUIT



12W MICRO-INVERTER



TRIAC or 0-10V Dimming Dip Switch Conveniently Accessible On Side of Unit



When you think Emergency LED Solutions, think Fulham!

Our ample FireHorse Emergency LED offerings provide distinct benefits for adding EM capability to fixtures in the field. This includes:



Field-installable, small-footprint HotSpot1 Kits to quickly add LED EM capability to troffers (either fluorescent troffers or those that use LED tubes). Many battery options.



10W remote-mount Constant Power EM LED Drivers with single-sided conduit, perfect for stock & flow projects. 5W, 15W and 20W also available.



The 12W Micro-Inverter / Emergency Battery Pack can be used with any technology type to provide EM power in outages. Can be used for fixture(s) greater than 12W in a dimmed state (TRIAC or 0-10V).



These popular, handy stocked items add EM capability quickly and easily. Carrying them on a service vehicle is highly encouraged.



HotSpot1 LED Emergency Lighting Kits for Troffers



HotSpot kits for troffers include an emergency driver, battery, LED module, installation instructions, and all necessary hardware and labels. The kits are not electrically connected to the normal lumination source. Choose the right kit for the job according to the required lumen output, run time, and module dimensions.

Common Specifications (many battery run times / different dimensions available)

Input Voltage	120V-277V (UNV)	Output Short Circuit Protection	Self Resetting PTC
Surge Protection	C62.41 (TVS)	Recharge Time Required	24 hours
Over Current Protection	Fuse	Battery Type	NiCd 3.6VDC
Input Current	0.07A	Illumination Time	Minimum 90 minutes
Input Power	<4W	Output Classification	UL 1310 / Class 2
Output Voltage	3.6V	Ambient Temperature	0°C - 50°C



Field-Install, Remote-Mountable CP EM LED Drivers w/ Conduit

Fulham's HotSpot Constant Power emergency driver brings easy-to-install backup power to LED luminaires. With the emergency driver and battery combined in a single unit, this innovative emergency system can be installed in the field in minutes. The Constant Power design guarantees the desired lumen output for emergency operation.



FHSCP-UNV3-10W-L-SD-A Specifications

Input Voltage	100-347V	RFI/EMI	FCC Part 15A Non-Consumer
Output Power & Voltage	10 Watts, 12V-55V Output Voltage Range	Illumination Time	Minimum 90 minutes
Surge Protection	Per C62.41 (TVS)	Recharge Time	24 hours
Output Current	833 mA	Dimensions	9.65" x 2.05" x 1.34"
Ambient Temperature	0°C - 55°C	Approvals	cULus Listed, BC, RoHS
Output Type	Class 2	Warranty	5 Years



12 Watt Micro-Inverter / Emergency Power Supply



12 Watts of Emergency power for 90 minutes (or down to 6W for 160 mins, plus tiered values in between). Also runs fixture(s) GREATER than 12 total watts through dimming.

Wiring a luminaire without dimming (12W max)



Wiring a luminaire with TRIAC dimming (18W Max)



Wiring a luminaire with 0-10V dimming (100W Max)



FHUPS1-UNV-12L-SD Specifications

Operating Voltage Normal Mode	100V - 277V	Programmable EM Output Power	6W - 12W (30VA) Max.
Autoselect Output Voltage, EM Mode	120/220/260VAC	Min. Emergency Operation	12W for 90 Mins., 6W for 160 Mins
Frequency	50/60Hz	Min. Required Charging Time	12 Hours
Input Current	0.12A	Battery Type	Ternary Lithium
Input Power	7W	Pack Capacity	5000mAh