

# FIREHORSE

FULHAM

## Versatile Emergency Lighting Solutions

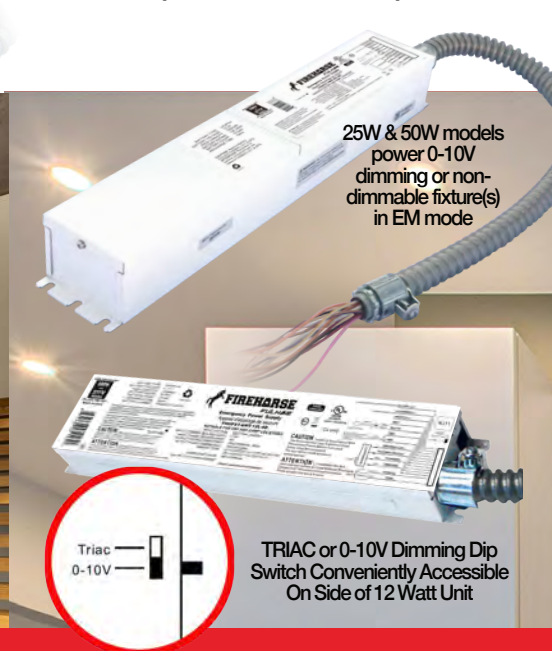
**EM LED LIGHTING  
KITS FOR TROFFERS**



**10W CONSTANT POWER EM  
LED DRIVER W/ CONDUIT**



**MICRO-INVERTERS  
(12W, 25W and 50W)**



25W & 50W models  
power 0-10V  
dimming or non-  
dimming fixture(s)  
in EM mode



TRIAC or 0-10V Dimming Dip  
Switch Conveniently Accessible  
On Side of 12 Watt 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.



Our FireHorse Micro-Inverter / Emergency Battery Pack Family can be used with any technology type to provide EM power in outages. Can be used for fixture(s) greater than stated wattage in a dimmed state (0-10V for all models; also TRIAC for 12W model).



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

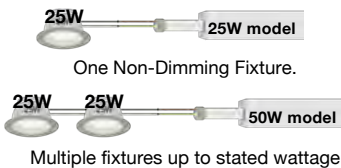


## 12, 25 & 50 Watt Micro-Inverters / Emergency Power Supplies

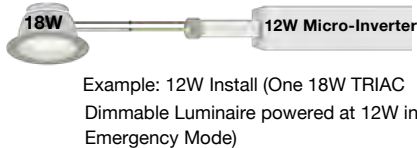


Use micro-inverters at stated wattage for 90 minutes with non-dimming fixtures (or for longer than 90 mins by programming the 12W or 50W to a lower output power). Also runs dimmable fixture(s) GREATER than total wattage in a dimmed state.

Wiring a luminaire(s) *without* dimming (up to 12W, 25W or 50W max, respectively)



Wiring one dimming luminaire (12W up to 18W TRIAC or 100W 0-10V, 25W up to 150W 0-10V, 50W up to 320W 0-10V)



Wiring multiple dimming luminaires (25W up to 150W 0-10V combined system wattage, 50W up to 320W 0-10V combined system wattage)



### Micro-Inverter Common Specifications

Operating Voltage Normal Mode	100V - 277V	Remote Mount Distance	120 ft
Autoselect Output Voltage, EM Mode	12W & 50W: 120/220/260VAC 25W: 120/220/277VAC	Min. Emergency Operation	Minimum of 90 Mins.
Frequency	50/60Hz	Min. Required Charging Time	25W & 50W: 12 Hrs; 12W: 24 Hrs
IP Rating	IP20	Ambient Temp Rating	0 - 50°C
		Limited Warranty	5 Years