



ENLIGHTEN AND INSPIRE
FOR BETTER LIVING



RedCap®

Emergency Lighting Made Simple

The Energy Focus RedCap® Emergency Battery Backup is an all-in-one general purpose lighting and battery powered emergency backup TLED solution. The tube acts as a normal lamp, providing 145 lm/W efficacy and supporting on/off switching operation. Upon loss of power, the integrated batteries and emergency driver provide an illumination duration minimum of 90 minutes of light.

FEATURES AND BENEFITS

- The standard input end powers the lamp in normal mode, and the emergency input end charges the batteries and senses the presence of AC power. Batteries charge even when lamps are off
- Emergency and standard fluorescent ballasts can be removed.
- Kit includes one lamp with two lampholders

PRODUCT SPECIFICATIONS

Size	4'
Body	Oval extruded aluminum
Lens	Polycarbonate lens
Connection	Medium bi-pin (G13) end cap
Full Brightness Output	1595 lumens
Initial Battery Light Output	1200 lumens on battery
Maintained Battery Light Output	~600 lumens
Input Voltage	120-277vac, 50/60hz
Driver	Single end power; integrated LED driver
Power Factor	>0.9
Available colors	3500K 4000K 5000K
CRI	>80
Dimming	non-dimmable
Lifetime	L70 ≥ 50,000 hours
Warranty	5 Year
Environmental Requirements	Operating temp: -20° to 40°C Storage temp: -20° to 30°C Relative humidity: 45% to 85% Non-corrosive environments
Beam Angle	120°
Battery Charge Power	3.5W (charging) <1W (battery full/standby)

For more information please see Accessories section.

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PRODUCT SPECIFICATION

PART NUMBER	SIZE	NOMINAL POWER	LUMINOUS FLUX	UL PART NUMBER
LEDFLT8-8XX-411-BBUF	48" (4')	11W	1,595 lm	3BD50116

XX refers to the option for 3500K, 4000K, or 5000K color temperature. (Replace XX with 35, 40 or 50 when selecting).
For more options please contact Energy Focus at 800-327-7877

ACCESSORIES

- Battery Enable Jumper (p/n: EF-RC-JUMP)
- Emergency Test Switch (p/n: EF-RC-NCSW)

LINE DIAGRAM

