

Product description

Omni-LED FLEXI-230™ offers an effective solution for emergency conversion of luminaires using 230V LED lamps and arrays such as GU10s and linear tubes.

The compact, articulated design contains an Omni-LED™ emergency driver with a re-chargeable battery and allows installation through a ceiling cut-out of just 50mm.

The removable end covers provide easy access for wiring or they can be supplied pre-wired with your custom cable assemblies for simple 'plug-and-play' convenience if required.

Omni-LED™ constant-power driver technology automatically adjusts to operate many compact type 230V LED lamps at an optimum power throughout the whole emergency duration.

It has a built-in lamp change-over relay, which allows the product to be used for Maintained applications so making it easy to produce an emergency conversion of your existing LED luminaire* without the need for separate 'emergency' LEDs.

Features

- > Ideal for use with 230V LED GU10s, recessed down lights etc.*
- > Choice of 4W, 5W, 8W or 12W battery power (Typical):
- > 3 hour operation using NiMH or LiFePO4 technology
- > Suitable for use with solid or stranded cables 0.2-1.5mm²
- > Green charge indicator LED with 750mm leads and bezel (OB1)
- > Driver molded in black UL94_V0 rated Polycarbonate.
- > Driver complies with: EN61347-1, EN61347-2-7, EN55015, EN61000-3-2, EN61547
- > Conforms to EN60598-1 & EN60598-2-22
- > Custom plug & socket connections available on request
- > Supplied with an individual protective box and packed in an outer carton of 10 pieces. (MOQ 10 pieces)

Common Technical Data	
Input Supply Voltage	230V +/- 10%
Supply Frequency	50/60 Hz
LED Output Voltage Range	70V to 250V DC
Battery Type	NiMH (4W) or LiFePO4 (5W, 8W or 12W)
Ambient Temperature Range	10 - 35°C (4W NiMH) 5 - 50°C (5W, 8W or 12W LiFePO4)
IP Rating	IP20
Earth Leakage Current	<0.5mA
Weight	0.8kg
Dimensions (mm)	Driver section 270(l) x 38(w) x 30(h) Battery section 255(l) x 42(w) x 42(h)

Model Number	Battery Pack	Input Emergency Power
RBF230/4/M3	4 Cell 4Ah NiMH	4W
RBF230/5W/LFP/M3	2 Cell 3.6Ah LiFePO4	5W
RBF230/8W/LFP/M3	3 Cell 3.6Ah LiFePO4	8W
RBF230/12W/LFP/M3	12 Cell 1.5Ah LiFePO4	12W

Please note: It is the users responsibility to ensure full compatibility of the Omni-LED FLEXI™ product for the intended application and for compliance of the emergency conversion to relevant Standards. Please contact our Technical department if you are in any doubt.

