



flexible low voltage
emergency pack

Emergiflex



20 & 50 watt



12 volts



50, 70, 80 & 120mm

Product Description

The unique Emergiflex emergency conversion system will adapt a standard low voltage tungsten halogen downlighter to operate in an emergency mode. The installer friendly battery pack, emergency module, and transformer (if used) are designed to pass through the luminaire's cut out so eliminating the need for a costly separate access hatch.

Product Features

- **Maintained (M) and non-maintained (NM) versions hatches**
- **Compact size eliminates the need for costly access available to suit the requirement**
- **The system will fit through the luminaire cut out for speedy installation**
- **Flame retardant flexible battery housing for maximum safety**
- **Deep discharge protection as standard to protect the service life of the battery**
- **Green LED charge indicator with one metre of lead for remote mounting or for fixing within the luminaire bezel**
- **Cool running solid state constant current charger**
- **Compact high capacity batteries**
- **Up to three hour duration in the event of a mains failure**



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Types

- **Maintained** – The pack will operate the downlighter in the event of a mains failure only
- **Non Maintained** – The pack will operate the downlight in normal and emergency mode and is complete with transformer

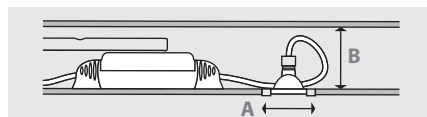
Specification

- **Power consumption:** 25Va
- **Supply voltage:** 230 ± 10% 50/60 Hz
- **Charger:** Automatic, current limited, constant voltage
- **Battery type:** Ni-Mh Nickel Metal Hydrate / VRLA valve regulated lead acid gel batteries
- **Recharge Period:** 24 hours
- **Charge indicator:** Green LED
- **Construction:** Charger – self extinguishing impact resistant polycarbonate
- **Batteries:** 1 hour fire rated indecent (flame retardant) enclosure

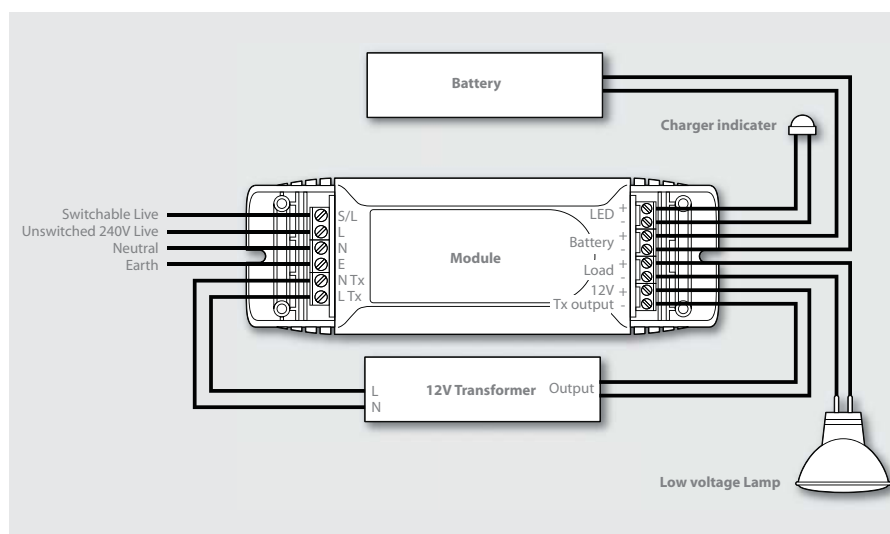
Standards

Designed and manufactured to:
BS EN 60598.2.22, BS EN 60-924/5,
BS EN 55015, BS EN 61547 and
BEN 61000-3-2

Installation Requirements



Wiring Diagram

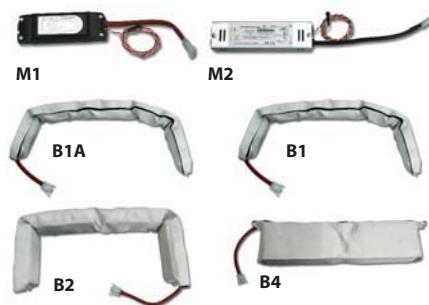


Module Dimensions

Part No.	Length	Width	Height	Weight
M1	150mm	49mm	49mm	0.3 Kg
M2	205mm	105mm	105mm	1.6 Kg

Battery Dimensions

Part No.	Length	Width	Height	Weight
B1A	625mm	32mm	38mm	1.3 Kg
B1	625mm	32mm	38mm	1.3 Kg
B2	650mm	37mm	65mm	2.5 Kg
B4	395mm	67mm	100mm	5.4 Kg



Accessories

EZ/LH, Remote LED housing



Order Codes

Cut Out Size - A	Part Number	Mode	Lamp	Min Ceiling void (B)	BLF	Ambient	Weight	Charger Type	Battery Style	Battery Rating & Type
50mm	EZS50/6/50/M3	M*	12v 50w	100mm	8%	50° C	1.6 Kg	M1	B1	6V 3AH (Ni-MH)
50mm	EZS50/6/50/NM3	NM	12v 50w	100mm	8%	50° C	1.9 Kg	M1	B1	6V 3AH (Ni-MH)
70mm	EZS70/6/50/M3	M*	12v 20w	120mm	8%	25° C	2.8 Kg	M1	B2	6V 10AH (VRLA)
70mm	EZS70/6/50/NM3	NM	12v 20w	120mm	8%	25° C	3.0 Kg	M1	B2	6V 10AH (VRLA)
70mm	EZS70/12/20/M3	M*	12v 20w	120mm	100%	25° C	2.8 Kg	M1	B2	12V 10AH (VRLA)
70mm	EZS70/12/20/NM3	NM	12v 20w	120mm	100%	25° C	3.0 Kg	M1	B2	12V 10AH (VRLA)
80mm	EZS80/6/50/M3	M*	12v 50w	120mm	8%	25° C	2.9 Kg	M1	B2	6V 10AH (VRLA)
80mm	EZS80/6/50/NM3	NM	12v 50w	120mm	8%	25° C	3.2 Kg	M1	B2	6V 10AH (VRLA)
120mm	EZS120/12/50/M3	M*	12v 50w	155mm	100%	25° C	5.7 Kg	M2	B4	12V 7AH (VRLA)
120mm	EZS120/12/50/NM3	NM	12v 50w	155mm	100%	25° C	6.0 Kg	M2	B4	12V 7AH (VRLA)

*Maintained version supplied with a dimmable electronic transformer.

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