



UEM

Standard 2W universal emergency module UEM

The 2W Universal Emergency Module (UEM02) is suitable for class III luminaires with integrated LEDs and separate LED drivers. The DC voltage output is adjusted within the modules limits to the level required to operate the luminaire load and then the current is limited to ensure an operation time of three hours. This gives a typical power output of 2W but will depend on the characteristics of the luminaire. The UEM02 can be installed within a luminaire or within the ceiling void. In the event of a power cut the replaceable internal lithium-ion battery will supply the luminaire through a connection that must be made between the LED driver output and LED luminaire input. The Self-Test version of the UEM incorporates AST technology that will perform regular automatic function and duration tests as required by EN 62034, reporting the results via a bi-coloured LED indicator.

UEM02 (06507)

Specification

Battery Warranty	4 Years
Notes	Not suitable for use on a battery supply with a trickle or intermittent re-charging circuit. The emergency module is not protected against supply voltage polarity reversal.

UEM/EME

UEM/EME Input Voltage	220-240 Vac 50-60 Hz
UEM/EME Input Current (Max) (mA)	45
UEM/EME Output Wattage (W)	2.3
UEM/EME Output Voltage	16-54 Vdc
UEM/EME Output Current (mA)	25-65
UEM/EME Open Circuit Voltage	60 Vdc
UEM/EME Maximum Working Voltage	60 Vdc
UEM/EME Protection	IP20, For built-in installation
UEM/EME Input to Output Protection	Double Installation
UEM/EME Battery	BAT26LI1
UEM/EME Battery Voltage	3.6V
UEM/EME Battery Capacity	2600 mAh
UEM/EME Battery Charge Voltage	5.0 Vdc
UEM/EME Battery Charge Current (mA)	30-250
UEM/EME Battery Discharge Voltage	3.2-4.2 Vdc
UEM/EME Battery Discharge Current (mA)	500-600
UEM/EME Charging Time	24 h
UEM/EME Battery Life	4 Years
UEM/EME Emergency Conversion time	1 s
UEM/EME Emergency Operation time	>3 h
UEM/EME Test Function	Manual
UEM/EME Dimensions L x W x D (mm)	175 x 30 x 40
UEM/EME Weight	158g

UEM/EME Maximum Case Temperature (°C)	75
UEM/EME Ambient Temperature Range (°C)	0 to 45
Notes	Not suitable for use on a battery supply with a trickle or intermittent re-charging circuit. The emergency module is not protected against supply voltage polarity reversal.

Technical Drawings

