

UEM Pro

Self-Test 3W universal emergency module UEM

The Universal Emergency Module (UEM) with Automatic Self-Test (AST) is suitable for class III luminaires with integrated LEDs and separate LED drivers. The DC voltage output is adjusted within the UEM's 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 3W but will depend on the characteristics of the luminaire. The UEM 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.

CEW03LIC/S ()

Specification

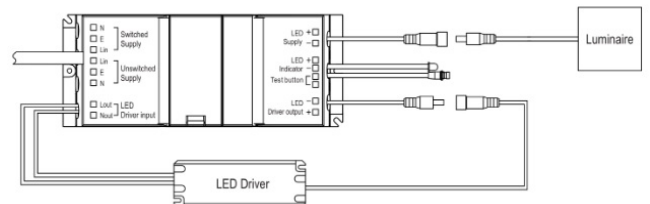
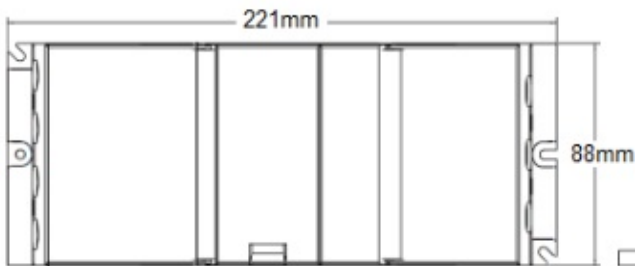
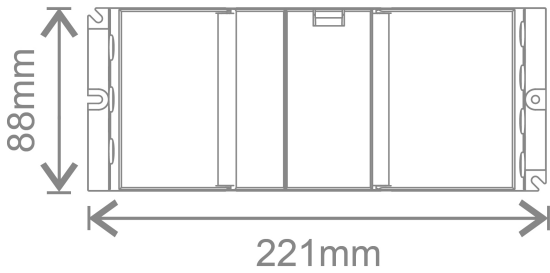
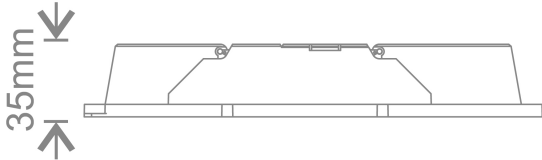
Battery Warranty	4 Years
Notes	Compatibility with luminaires should be verified before committing to an installation. Not suitable for use on a battery supply with a trickle or intermittent re-charging circuit. The emergency module is not protected against supply voltage polarity reversal.
On-Site Warranty	2 Years
Output Characteristics	Load Voltage 24V, Output Current 150 mA, Output Wattage 3.60W (27V, 128mA, 3.46W) (30V, 114mA, 3.42W) (33V, 102mA, 3.37W) (36V, 91mA, 3.28W) (39V, 82mA, 3.20W) (42V, 74mA, 3.11 W) (45V, 67mA, 3.02W) (48V, 61mA, 2.93W) (51V, 56mA, 2.86W) (54V, 51mA, 2.75W) (57V, 47mA, 2.68W) (57V, 40mA, 2.32W)

UEM/EME

UEM/EME Input Voltage	220-240 Vac 50-60 Hz
UEM/EME Input Current (Max) (mA)	35
UEM/EME Output Wattage (W)	2.5-3.5
UEM/EME Output Voltage	24-58 Vdc
UEM/EME Output Current (mA)	45-150
UEM/EME Open Circuit Voltage	60Vdc
UEM/EME Maximum Working Voltage	60Vdc
UEM/EME Protection	IP20, Class II, Independent Driver
UEM/EME Input to Output Protection	Double Insulation
UEM/EME Battery	Li-Ion KBAT2600
UEM/EME Battery Voltage	7.4V
UEM/EME Battery Capacity	2600mAH
UEM/EME Battery Charge Voltage	8.5Vdc
UEM/EME Battery Charge Current (mA)	30-210 mA
UEM/EME Battery Discharge Voltage	6.0-8.4 Vdc

UEM/EME Battery Discharge Current (mA)	600-700
UEM/EME Charging Time	24h
UEM/EME Battery Life	4 Years
UEM/EME Emergency Conversion time	1s
UEM/EME Emergency Operation time	>3 h
UEM/EME Test Function	Automatic and Manual
UEM/EME Dimensions L x W x D (mm)	221 x 88 x 35 mm
UEM/EME Maximum Case Temperature (°C)	75
UEM/EME Ambient Temperature Range (°C)	0 to 45
UEM/EME Input Connection	Push-fit terminals 0.5-1.5 mm ²
UEM/EME Output Connection	Push-fit terminals 0.5-1.5 mm ²
Output Characteristics	Load Voltage 24V, Output Current 150 mA, Output Wattage 3.60W (27V, 128mA, 3.46W) (30V, 114mA, 3.42W) (33V, 102mA, 3.37W) (36V, 91mA, 3.28W) (39V, 82mA, 3.20W) (42V, 74mA, 3.11 W) (45V, 67mA, 3.02W) (48V, 61mA, 2.93W) (51V, 56mA, 2.86W) (54V, 51mA, 2.75W) (57V, 47mA, 2.68W) (57V, 40mA, 2.32W)
Notes	Compatibility with luminaires should be verified before committing to an installation. 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



Combined or separate switched and unswitched supply

