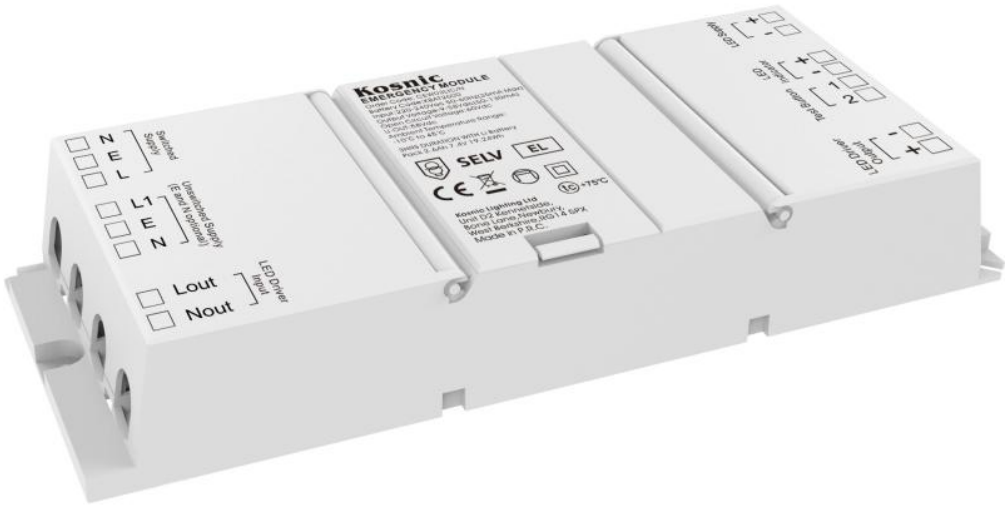
Datasheet



UEM Pro Emergency

Standard 3W universal emergency module UEM

The Universal Emergency Module (UEM) 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/N ()

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Leading designers, manufacturers and established experts in LED technology

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Kosnic Lighting France - 2bis avenue Irène Joliot-Curie, 77700 Bailly-Romainvilliers, France

Datasheet

Specification

Dimensions L x W x D (mm)	221 x 88 x 35
Ambient Temperature Range (°C)	0 to 45
Charging Time	24 h
Output Current (mA)	45-160
Battery	Li-Ion KBAT2600
Battery Capacity	2600 mAh
Battery Discharge Voltage	6.0-8.4 Vdc
Battery Life	4 Years
Battery Voltage	7.4V
UEM/EME Battery Voltage	7.4V
UEM/EME Charging Time	24 h
UEM/EME Dimensions L x W x D (mm)	221 x 88 x 35
UEM/EME Emergency Conversion time	1s
UEM/EME Emergency Operation time	>3 h
UEM/EME Input Connection	Push-fit terminals 0.5-1.5 mm2
UEM/EME Input Current (Max) (mA)	35
UEM/EME Input to Output Protection	Double Installation
UEM/EME Input Voltage	220-240 Vac 50-60 Hz
UEM/EME Maximum Case Temperature (°C)	75
UEM/EME Maximum Working Voltage	60 Vdc
UEM/EME Open Circuit Voltage	60Vdc
UEM/EME Output Connection	Push-fit terminals 0.5-1.5 mm2
UEM/EME Output Current (mA)	45-160
UEM/EME Output Voltage	9-58 Vdc
UEM/EME Output Wattage (W)	1.5-3.5
UEM/EME Protection	IP20, Class II, Independent Driver
UEM/EME Test Function	Manual
UEM/EMEAmbient Temperature Range (°C)	0 to 45

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Input Voltage	220-240 Vac 50-60 Hz
Emergency Conversion Time	1 s
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.
Output Characteristics	Load Voltage 9V, Output Current 160 mA, Output Wattage 1.44W (24V, 149mA, 3.58W) (27V, 126mA, 3.40W) (30V, 111mA, 3.33W) (33V, 100mA, 3.30W) (36V, 89mA, 3.20W) (39V, 80mA, 3.12 W) (42V, 71mA, 2.98W) (45V, 64mA, 2.88W) (48V, 58mA, 2.78W) (51V, 53mA, 2.70W) (54V, 48mA, 2.59W) (57V, 43mA, 2.45W)

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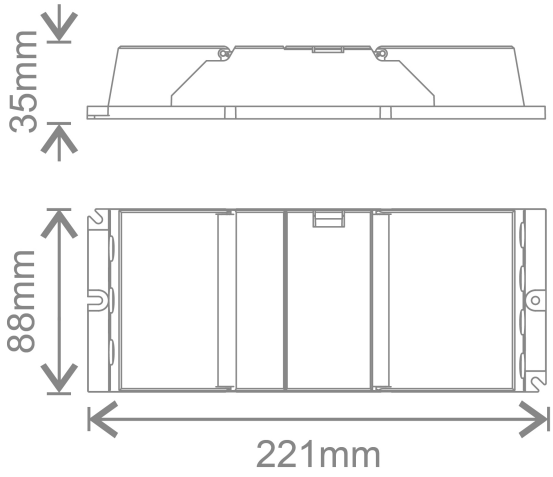
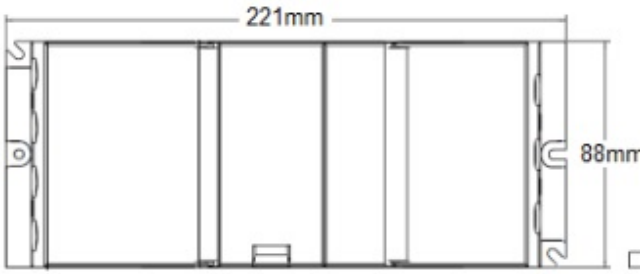
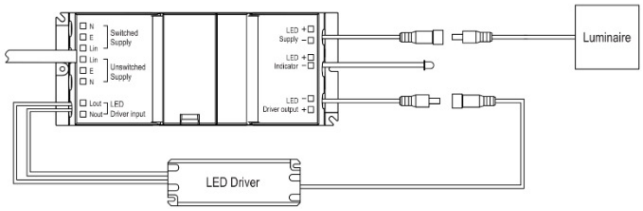
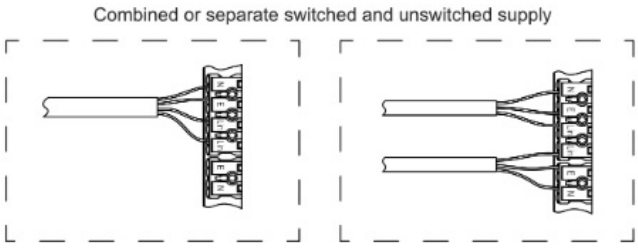
Datasheet

Technical Drawings









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