

# Emergency Module for LED DD Lamps

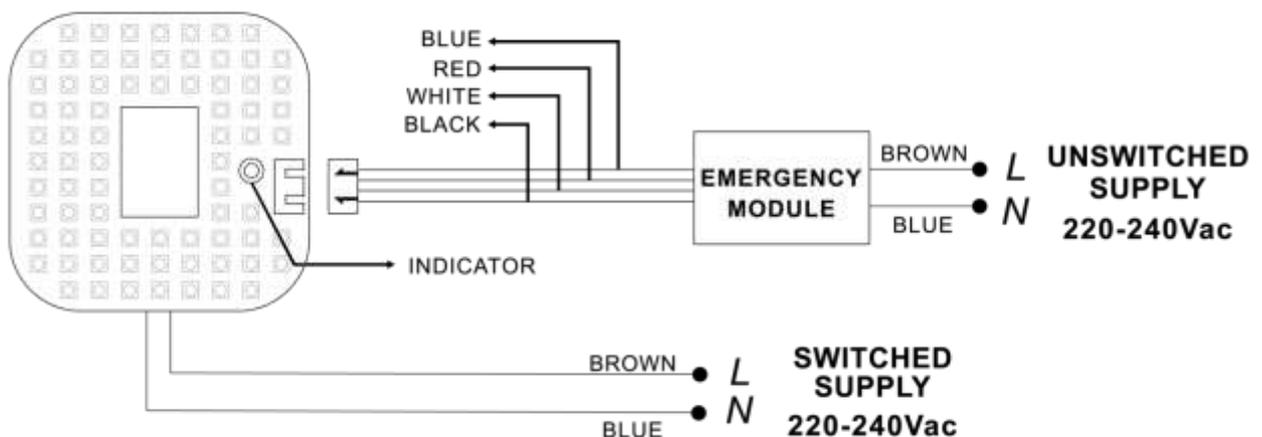


## Features

- Compatible with Kosnic LED DD lamps for maintained or non-maintained emergency lighting.
- Independent lamp controlgear.
- Conforms to EN 61347-1, EN 61347-2-7 and EN 61347-2-13.
- Voltage change-over threshold according to EN 60598-2-22.
- 3 hours rated duration.
- Li-Ion battery for improved battery lifespan allowing frequent partial discharge without capacity reduction.
- Over-charge, over-current, short-circuit and deep discharge protection for battery.
- Constant current output.
- Green charging status LED (built into DD lamp).
- Supplied with internal battery and all necessary leads and connectors.

## Installation

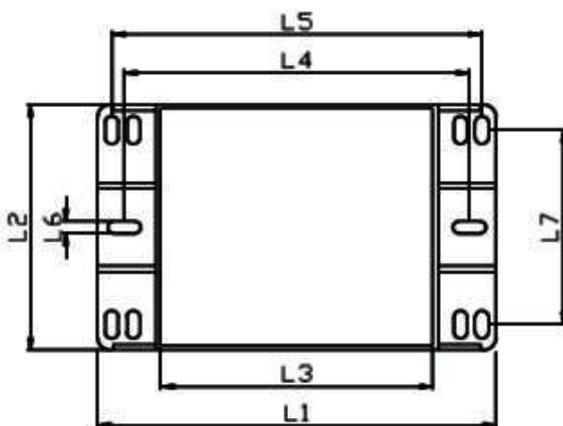
The Kosnic emergency module is an optional extra for the Kosnic LED DD lamps. It can be installed within the fitting to provide a back-up supply in the event of a power cut. The emergency module requires a permanent live un-switched supply to maintain the battery charge. In the event of a power cut the battery within the emergency module will supply the LED DD lamp at a reduced voltage through the supplementary socket provided for this purpose. The supplementary socket also connects the emergency module to the green charging indicator on the LED DD lamp.



Specifications

Product Code	KTC27EME-DD
Compatible Lamps	KLED09STD, KLED12CRD/LSD/STD, KLED18CRD/LSD/STD
Input Voltage	220-240Vac 50-60Hz
Input Current (max)	35mA
Output Voltage	20-38Vdc
Output Current	50mA
Open Circuit Voltage	39Vdc
Maximum Working Voltage	36Vdc
Protection	IP20, Class II, Independent Lamp Controlgear
Input to Output Protection	Double Insulation
Battery	Samsung Li-Ion KBAT2200
Battery Voltage	7.4V
Battery Capacity	2200mAh
Battery Charge Voltage (max)	8.5Vdc
Battery Charge Current (max)	210mA
Battery Discharge Voltage	6.0-8.4Vdc
Battery Discharge Current (max)	270mA
Charging Time	12h
Battery Life	4 Years
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Lumen Output Factor	KLED09STD – 26%, KLED12CRD/LSD/STD – 20%, KLED18CRD/LSD/STD – 13%
Test Function	Manual
Length	120mm
Width	80mm
Depth	24mm
Maximum Case Temperature (°C)	75°C

Dimensions



Dimension(mm)						
L1	L2	L3	L4	L5	L6	L7
120	80	85	103	110	4	63