

# Emergency Module for LED DD Lamps

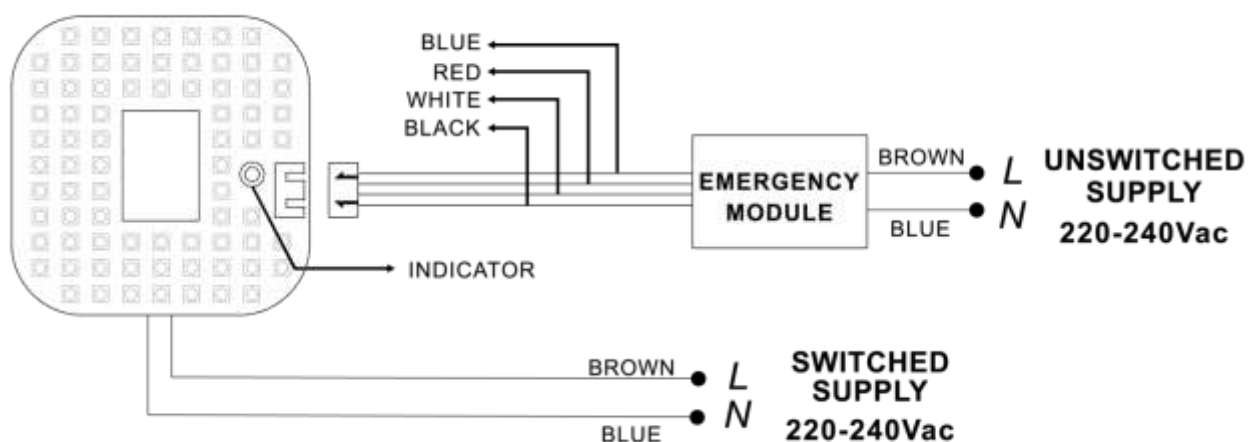


## Features

- 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

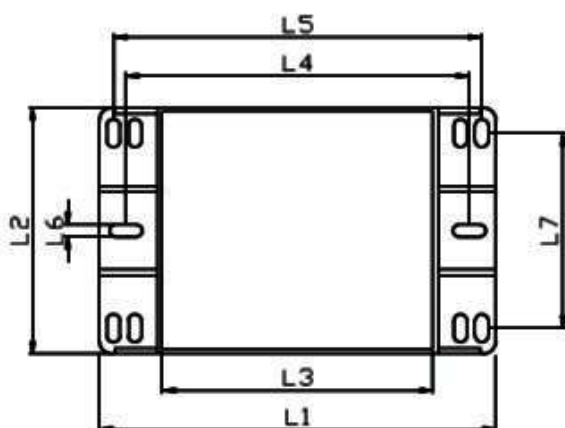
The Kosnic emergency module is an optional extra for the Kosnic LED DD lamps. It can be installed within the fitting to provide a back-up supply in the event of a power cut. The emergency module requires a permanent live un-switched supply to maintain the battery charge. In the event of a power cut the 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