

Helios EM Kit

106744



Thank you for purchasing this product. Please read the instructions carefully before use to ensure safe and satisfactory operation of this product. Please retain these instructions for future reference.

Product Information

The emergency module is designed for use with the high bay luminaires with integrated LEDs and separate non-isolated LED drivers. It can be suspended with a luminaire 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 will supply the integrated LEDs at a reduced output.

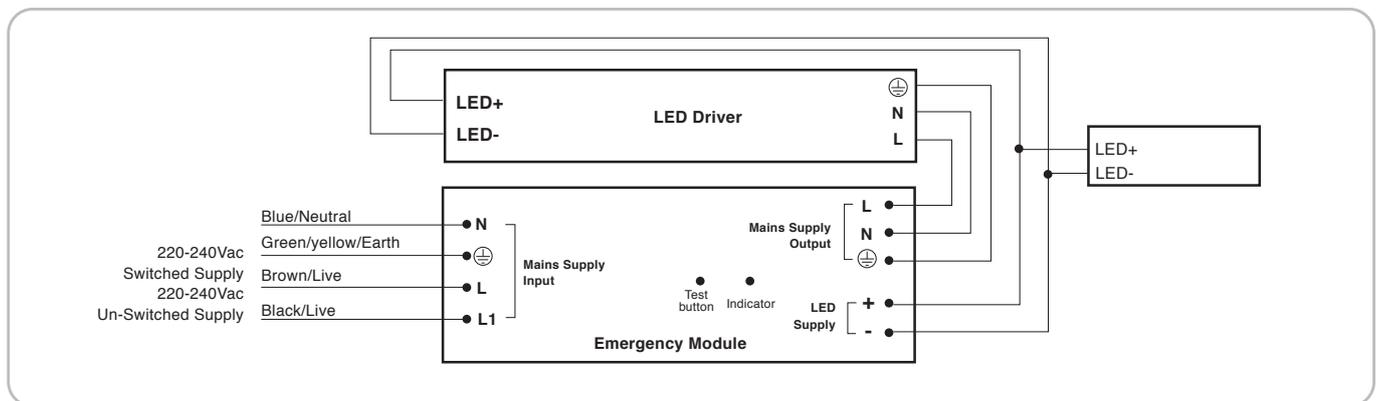
Features

- For high bay luminaires with integrated LEDs and separate non-isolated LED drivers
- For LED modules with a forward voltage of 30-300Vdc
- For maintained emergency lighting systems
- Wired between LED module and LED driver via water-proof connector
- 3 hours rated duration
- Built-in non-replaceable Li-Ion battery pack
- Over-charge, over-current, short-circuit and deep discharge protection for battery
- Green charging status LED
- Test Button for a quick functional test
- ON/OFF Button for battery pack

Warning

This is a Class 1 product and must be earthed. Please read these instructions carefully before commencing any work. This unit must be fitted by a competent and qualified electrician. Install in accordance with the IEE Wiring regulations and current Building Regulations. Check the pack and make sure you have all the parts listed. To prevent electrocution switch off at the mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electrical supply without your knowledge. If you are in any doubt, please consult a qualified electrician. If replacing an existing fitting, make a careful note of the connections. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Wiring Diagram



Specifications

Output Wattage	8W
Input Voltage	220-240Vac
Input Current (max)	40mA
Battery Output Wattage (max)	8W
Output Voltage	30-300Vdc
Output Current	20-150mA
Protection	IP65, Class I, Independent Driver
Input to Output Protection	Double Insulation
Emergency Operation Time	> 3 h
Emergency Onversion Time	< 1s
Test Function	Manual
Input Connection	Wiring leads
Output Connection	Wiring leads with connector
Maximum Case Temperature	75 °C
Ambient Temperature Range	0°C to 50 °C
IP Rated	65

*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

Battery Specifications

Battery Type	Li-Ion 18650
Battery Capacity	2600mAh
Battery Voltage	14.4V
Battery Charge Voltage	18V
Battery Charge Current	30-450mA
Battery Discharge Voltage	12-14.4V
Battery Discharge Current	1000-1100mA
Charging Time	> 24h
Battery Warranty	2 Years