

Battery Replacement

If after routine operation check, the lamp does not remain lit for the three hour period, a new battery pack may be required.

- Switch off the electricity at the mains, both switched and permanent supply.
- Allow battery to fully discharge then reconnect to supply and allow to charge for 24 hours.
- Test again for 3 hours, if light does not remain lit change the battery pack as follows:
 - Disconnect from the mains supply both permanent and switched supply.
 - Unplug the battery male and female plugs from the EM conversion.
 - Remove the battery pack. 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.
 - **Replace the battery with a LiFePO4 6.4V 1500mAh, 9.6Wh only.**
Use of a different type of battery will damage the product.
 - Write current date on the new battery pack.
 - Plug battery pack to EM conversion by male and female plugs.
 - Restore power and allow to charge for 24 hours.
 - Perform full operation check and update test record.

Technical data

Rated input voltage: 220-240V~, 50/60Hz

Input current: < 30mA

Input power: 3W Max

Power factor: > 0.5

Terminal L-in / L-out(LED driver input constant): AC 0.5A Max

Output voltage range: 80-200V DC

Max output current: 100mA

Output power(constant): 2W Max

Battery cells voltage/capacity: LiFePO4 6.4V 1500mAh, 9.6Wh

Battery protection temperature: 60°C



Recharge current: 300mA

Recharge time: 24hours

Discharge time: 180minutes

Lumen factor: 140lm/W

Max.casing temperature tc: 70°C

Battery warranty: 5 years

Operating Temperature: 0°C - 45°C

Maximum Operatin Humidity: 10-90%

Change over Time: Approximately 1s



Conformity with all relevant UKCA Directive requirements.



Conformity with all relevant EC Directive requirements.



The power supply is Double Insulated and does not require connection to an Earth circuit.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



This product is for indoor use only.

Care and Safety

Live Voltages may be present in this unit even when turned off or when completely disconnected.

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish.

For your safety, always switch off the power supply before cleaning.

V3 03/06/2026

UK Manufacturer: BH17 7BY

EU Manufacturer: Brilliant AG,

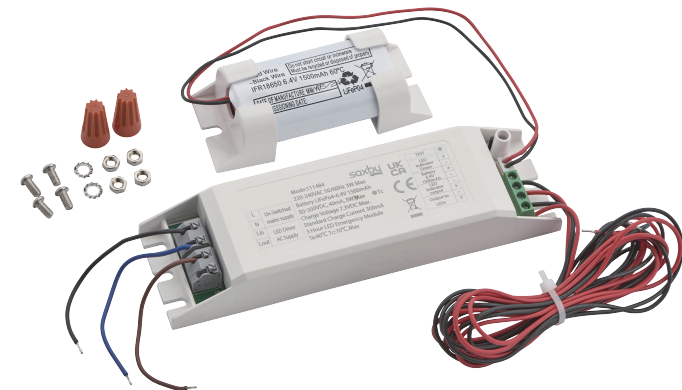
Brilliantstrasse 1, D-27442 Gnarrenburg

saxby
lighting

Instruction manual

Dual LED EM Kit

111484




www.saxbylighting.com

saxby
lighting

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

Warning

 This light fitting is double insulated and does not require connection to an Earth circuit.

Please read these instructions carefully before commencing any work

This Emergency pack must be fitted by a competent and qualified electrician.

Install in accordance with the IET Wiring regulations and current Building Regulations.

These products are designed for connection to a 220-240V~50Hz supply.

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.

This Emergency pack is suitable for indoor use only.

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.

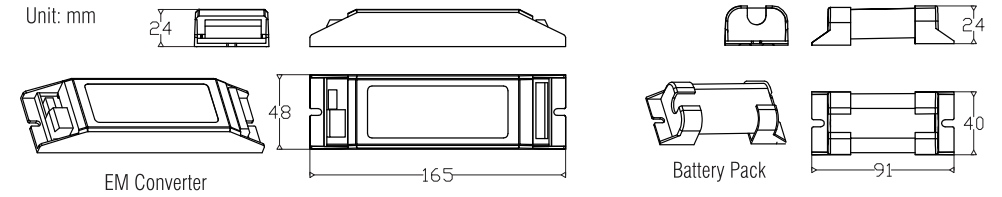
Instructions for Disposal (End-of-Life Management): This product contains a lithium battery which must be disposed of separately from household waste at the end of its life. To protect the environment and human health, please ensure proper disposal of this battery and the product.

Information for Recyclers: To ensure safe and efficient recycling, the battery should be removed by trained professionals in accordance with local regulations and industry best practices for lithium battery recycling.

We are committed to responsible sourcing of raw materials used in our products, including lithium batteries. We adhere to robust due diligence policies to prevent and mitigate social and environmental risks throughout our supply chain, in accordance with Regulation (EU) 2023/1542.

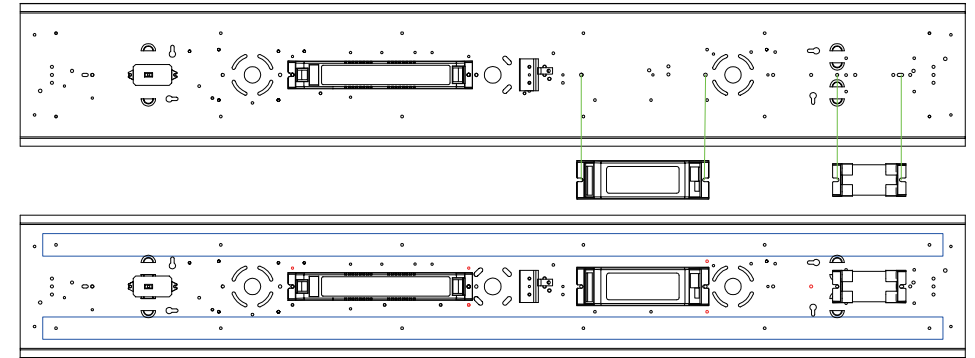
Dimensions

Unit: mm

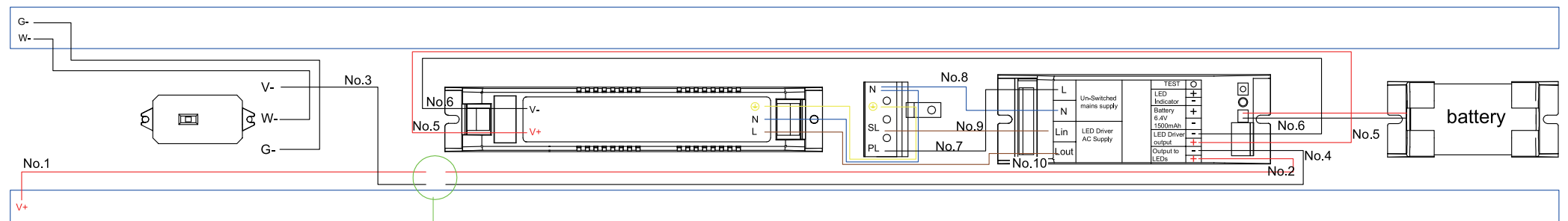


Installation For Dual LED---101336, 101338

- Get ready the LED light fitting and the EM kit.
- Undo two screws at the end of the LED light fitting to separate the diffuser cover from the rear panel. **More details please refer to the manual of LED light fitting.**
- The emergency package and battery are fixed with 4 x 10 steel round head cross machine screws and 4 steel nuts respectively.
- Wire as per the wiring diagram.
- Re-close diffuser cover it into place. **More details please refer to the manual of LED light fitting.**



Wiring diagram



Connect the corresponding line types together using wiring caps here.



1. Connection between Red Line 1 and Red Line 2 with a length of 600mm.
2. Connect the 3rd black line to the 4th 600mm long black line.
3. 600mm long red wire 5 and black wire 6 connect the positive and negative poles of the power supply to the emergency.
4. Use a 90mm long black wire in position 7 to connect the emergency L to the PL of the terminal block.
5. Connect emergency N to N on the terminal block using a 90mm long blue wire at position 8.
6. Connect the emergency Lin to SL on the terminal block at position 9 using a 90mm long brown wire.
7. Connect the L of the power supply to the emergency Lout at position 10.