

## Operation

- This unit works in maintained mode. The fitting can be switched separately on or off. The unit will charge automatically (LED is green). A single LED remains on when the supply is interrupted.
- Locate the flying lead on the inverter and plug into the connector.
- Replace fuse or circuit breaker and switch on. Ensure that the source is mains (240V ~ 50Hz).
- Verify that the Green LED is illuminated; this confirms that the batteries are charging.
- Charge the battery for at least 16 hours before first use.
- If the LED is not illuminated then there may be no a.c. supply, the battery has not been connected properly or the internal circuit may have failed.
- The battery should be re-charged and checked every three months.
- The battery should be discharged and the duration of the lamp in emergency mode checked every six months.

## Battery Replacement


- If after routine operation check, the lamp does not remain lit for the set period, a new battery may be required.
- Switch off the electricity at the mains, allow batteries to fully discharge then reconnect to supply and allow to charge for 24 hours.
- Test again for two hours, if light does not remain lit change the inverter / battery unit as follows:
- Obtain a replacement battery / inverter unit. make a note of the wiring, and remove from plate and refit the new one.
- Perform full operation check and update test record.
- Refit the shade. Ensure that the seal is correctly located.
- Restore power and allow to charge for at least 16 hours.

## Fitting/replacing bulbs

- This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.

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

## Recycling advice

 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.

## Safety information

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

## Instruction leaflet

# Neptune EM LED Bulkhead with Microwave Sensor 50956



saxby  
lighting

Thank you for purchasing this light fitting. 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 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 IEE Wiring regulations and current Building Regulations.

To prevent electrocution switch off at 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 light fitting should be connected to a circuit with a 30mA RCD fitted.

If replacing an existing fitting, make a careful note of the connections.

This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.

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.

This product is rated at IP65.

This product is not suitable for dimming.

These products should not be fitted to PIR circuits or short duration timed switches.

## Specification

Voltage	: 240V ~ 50Hz	Operating Temperature	: 10°C to 50°C
Lamp	: 16W SMD 5630 LED's	Maximum Operating Humidity	: 90%
IP rating	: 65	Change over Time	: Approximately 1s
Lumens	: 120lm in EM mode	Battery Specification	: Lithium (1300mAh)
Duration	: 3-4 hours (180 -240 minutes).	Battery Charge Time	: More than 15 hours

## Layout

- Plan the desired layout of this fitting carefully, ensuring the cables will reach the distance between the junction box and the light fitting.
- Avoid locating any cables in positions that would cause a hazard. Position cables and junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.
- The mains supply cable must have a minimum cross sectional area of 1.0mm<sup>2</sup>.
- Cables must be protected using suitable conduit or plastic trunking. This product has 4 conduit entry points in the side of the moulding.
- The products can be wall or ceiling mounted. If wall mounting ensure that the power supply is at the bottom.

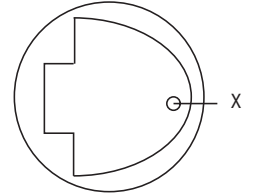
## Installation

Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, **carefully note the position of each set of wires**.

- Unscrew the shade and set aside.
- This product has a hinged gear tray - to make installation and connections quicker. To access the connections, remove screw (X) and keep safe for refitting later.
- Drop the gear tray down and hold the product in place and mark position of mounting holes.
- Ensure the wall is capable of holding the weight of the product, or if fitting to a ceiling, ensure

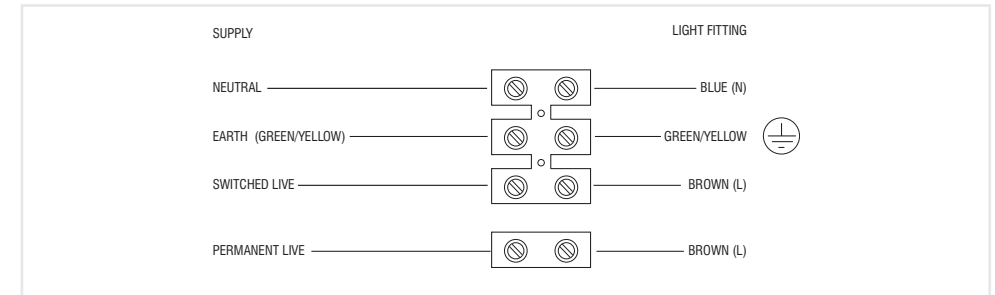
there is a joist at the point of fixing to support the weight of the product. Take care to avoid damaging any concealed wiring and pipes. The correct fixings should be used for brick, cavity walls or plasterboard.

- Pierce a hole in the grommet, and pull the cable through.
- Fix into position.
- Wire as detailed below
- Relocate the gear tray and fix in place with screw.



## Wiring

Having correctly identified the wiring from your existing product in the following way:



## Check that...

- You have correctly identified the wires
- The connections are tight
- No loose strands have been left out of the connection block.

## Commissioning

- Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product.
- Refit the shade, ensuring that the seals are correctly located.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.

## Microwave Movement Sensor

- This product is fitted with a microwave movement sensor. Please see the additional instruction leaflet for detailed operating instructions. Please note that the sensor is already installed inside the product.