Test Function

Self test

The emergency kits carry out self-tests automatically to ensure its functionality. The self-test includes 3 types of tests:

Initial test

- As soon as mains supply is connected, the emergency kit will carry out a 3-seconds functional test automatically.
- In case of a failure, the LED will turn permanent red. Otherwise, the charge mode will start.

Functional test

- Refers to charging, discharging and the functioning of load.
- Carry out for 10 seconds automatically every 30 calendar days.

Duration test

- Refers to the test of batteries capacity.
- Carry out every 180 calendar days.

Rest mode

Rest mode can be initiated during emergency mode by pressing test switch longer than 3 seconds.

The rest mode will be exited automatically after reconnect AC mains.

Please note

If mains supply is off during self-test period, emergency conversion module would terminate self-test immediately and go into emergency mode.

Self-test is under the regulation of EN62034.

Explanation of LED indicator

	Color	LED indication	Status	Comment
◉	Green	Permanent green	Charging Fully Charged	AC mode
✺	Green	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	
☀	Green	Show flashing green (1 sec on, 1 sec off)	Duration test underway	
◉	Red	Permanent Red	Load failure	Open circuit / Short circuit LED failure (emergency mode)
✺	Red	Show flashing red (1 sec on, 1 sec off)	Battery failure	Battery failured the duration test or function test / No battery
○		Green and red off	DC mode	Battery operation (emergency mode)

Manual test switch

The test button is a open switch, if you press it, it connects, and then you release it, it cuts off automatically.

When you are doing the daily maintenance, if you press the test button, the emergency driver goes into emergency mode, if you release the button, the emergency driver will go back to normal mode.

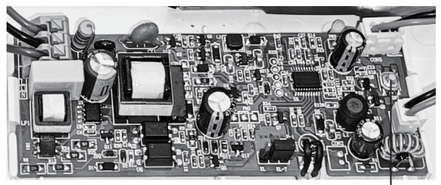
LED indicator

It can reflect charging or not charging. LED charging monitor will be light if battery is connected while it will be off without battery connecting.

Battery Replacement

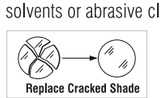
If after routine operation check, the lamp does not remain lit for the three hour period, a new battery pack may be required.

- Switch off the electricity at the mains, both switched and permanent supply.
- Allow batteries 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.
  - Undo two screws at the end of the product to separate the clear front cover and the rear casing. Keep screws in safe place for refitting later.
  - Pushing the two quick release tabs holding the gear tray and fold down.
  - Unplug the battery lead from the lead coming from the PCBA. Remove any cable ties around the cables.
  - Remove the battery pack and lift the battery pack out of the fitting. 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 3.2V 1500mAh only**. Use of a different type of battery will damage the product.
  - Write current date on the new battery pack.
  - Fit new battery pack in position. Refit the cable ties in position and then plug battery pack into the PCBA.
  - Re-clip the gear tray in place and re-secure the clear front cover using the screws.
  - Restore power and allow to charge for 24 hours.
  - Perform full operation check and update test record.



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.



This bulb is protected by a shade. This part must be replaced immediately should the shade become cracked or damaged. This fitting must not be used without the shade in place.

V4 23/04/2024
UK Manufacturer: BH17 7BY
EU Manufacturer: Brilliant AG,
Brilliantstrasse 1, D-27442 Gnarrenburg

saxby lighting

Instruction manual

SightPro Self Test

108749

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

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.

This light fitting should be connected to a fused circuit.

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

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

This product is not suitable for dimming.

Do not use Megger or similar high voltage instruments. Due to the fact this Emergency pack contains electronic components that maybe damaged by high test voltages, they must be disconnected from the circuit before testing.

To prevent damage to the Emergency pack, do not mix with conventional magnetic ballasts on the same electrical circuit.

Any faulty, broken or damaged modules should be replaced immediately.

Do not mount in hazardous locations, or near gas or electric heaters; Do not let power cords touch hot surface; Do not use this equipment for other than intended use.

Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.

The use of accessory equipment not recommend by the manufactuer may cause an unsafe condition.

Allow battery to charge for 24 hours before first use.

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.

Technical data

Supply Voltage: 220-240V~, 50Hz

Bulb Type: 4W LED (SMD), 6500K Lumens: 200Lm - 150Lm in EM mode

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

Duration: 3 hours (180 minutes)
Maximum Operatin Humidity: 10-90%
Change over Time: Approximately 1s
Battery Specification: LiFePO4 3.2V 1500mAh
Battery Charge Time: 24 hours
Battery warranty: 5 years
Operating Temperature: 0ºC to 45ºC

UKCA Conformity with all relevant UKCA Directive requirements.

CE 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.

IP65 This product is rated at IP65.

IK06 This product is rated at IK06.

Layout

Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between fittings.

Avoid locating any cables in positions that would cause a hazard. Position cables away from areas where they may be at risk from being cut, trapped or damaged

The mains supply cable must have a minimum cross section area of 1.0mm^2.

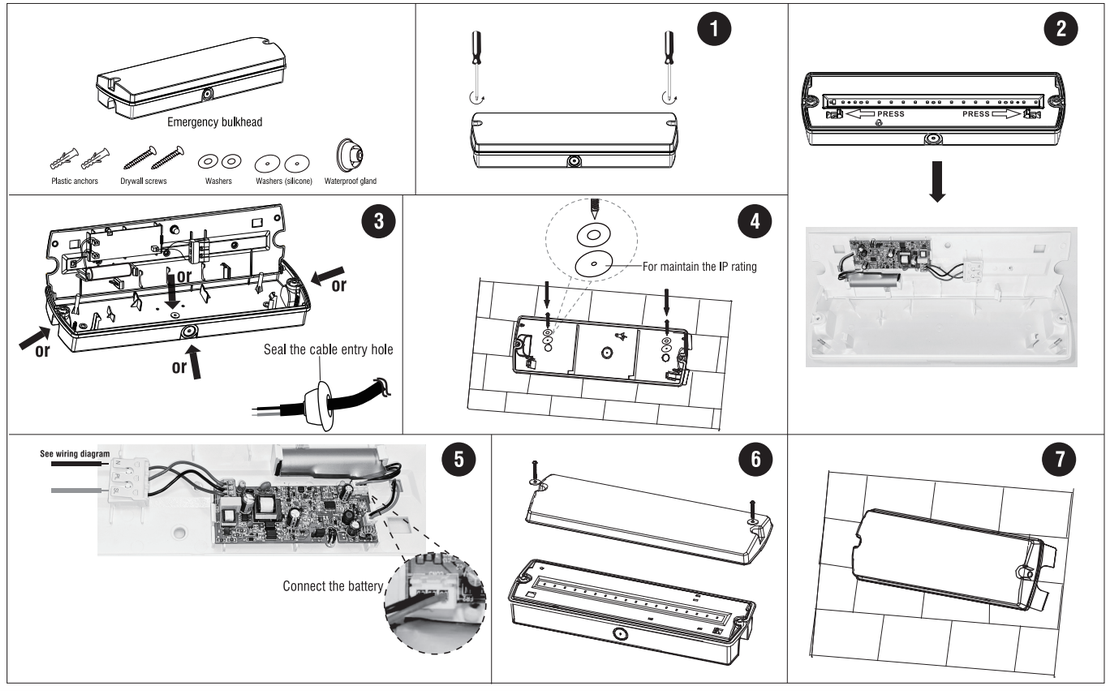
This product is designed to be fitted into a suspended ceiling or wall mounted.

This product has special protection against the ingress of moisture and is IP65 rated.

Installation

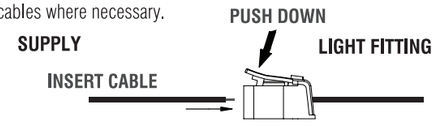
Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, carefully note the position of each set of wires.
Note that the switch is turned off before installation.
After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions.

- Undo two screws at the end of the product to separate the clear front cover and the rear casing. Keep screws in safe place for refitting later.
- Pushing the two quick release tabs holding the gear tray and fold up.
- Choose the cable entry holes on the rear casing and drill out the conduit knockouts accordingly.
- This unit can be mounted on the wall or ceiling. After deciding the mounted way accordingly, Using the rear casing as a template mark the position to drill out the fixing holes. Take care to avoid damaging any concealed wiring and pipes. The correct fixings should be used, depending upon the surface to be mounted.
- Pull the cable through the cable entry hole and seal using the waterproof gland to maintain the IP rating. Fix the rear casing into the position with the plastic anchors, screws and washers (supplied).
- Wire as detailed Wiring Diagram and plug battery pack into the circuit board.
- Re-clip the gear tray in place and re-secure the clear front cover using the screws. Ensure that the seal is correctly fitted.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.

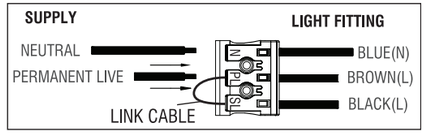


Wiring

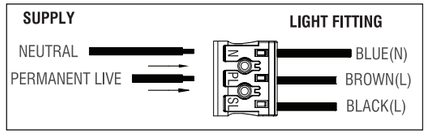
- This product is double insulated and must not be earthed. If there are any incoming earth cables, they must be joined together and well insulated with good quality insulation tape. This is to ensure earth continuity throughout your property.
- Having correctly identified the wiring from your existing light fitting, connect to the quick fit connection block in the following way, using the supplied link cables where necessary.



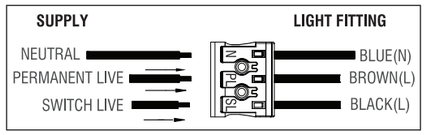
Maintained (Unswitched) Wiring: The product is on permanently and comes on during a power failure.



Non-Maintained Wiring: The product is normally off and comes on during a power failure.



Maintained (Switched) Wiring: The product is used as a normal light - switch on/off, light turns on/off. comes on during a power failure.



Check that...

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