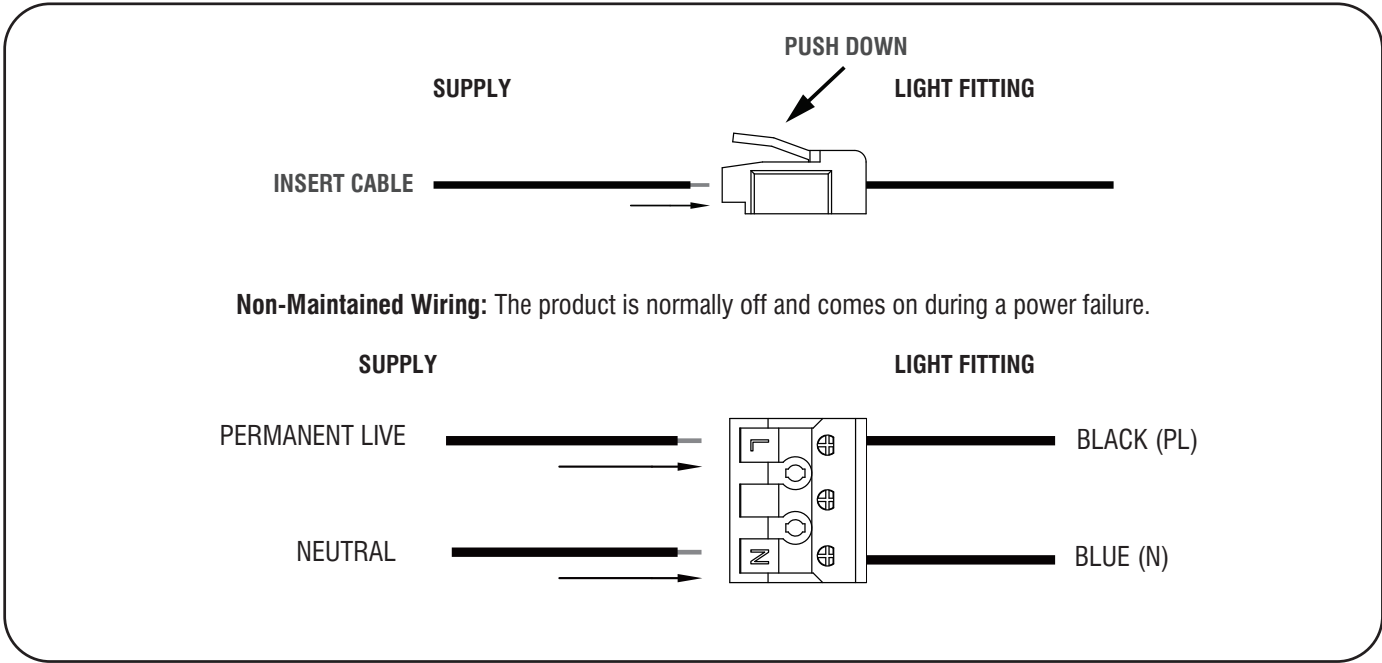


Wiring

- 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.



Check that...

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

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

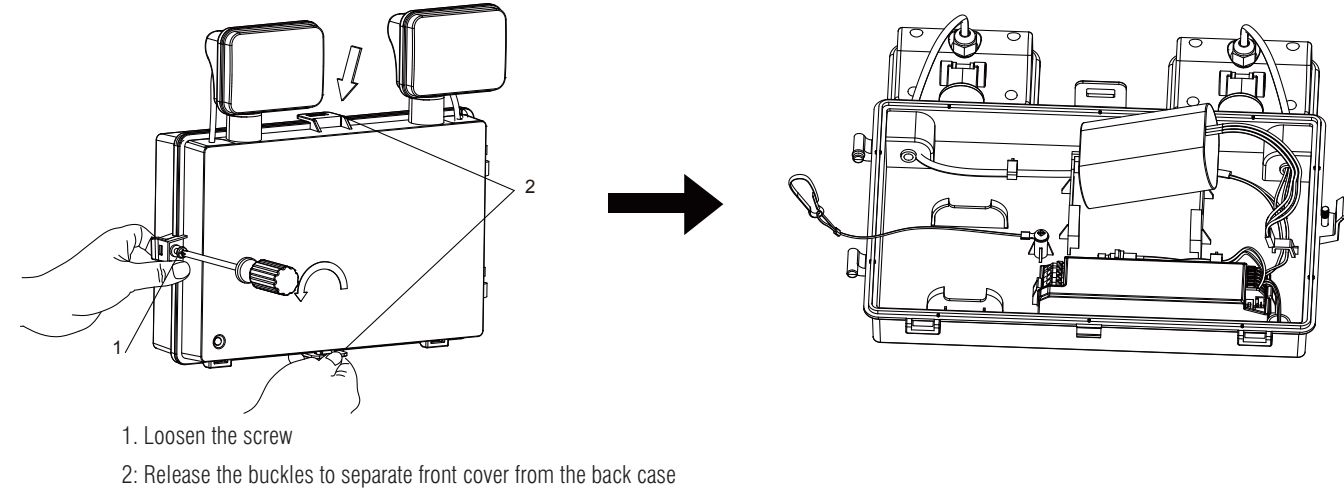
State	Color	LED indication	Status	Comment
	Green	Permanent green	Charging Fully Charged	AC mode
	Green	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	
	Green	Show flashing green (1 sec on, 1 sec off)	Duration test underway	
	Red	Permanent Red	Load failure	Open circuit / Short circuit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

Battery Replacement

If after routine operation check, the lamp does not remain lit for the three hours 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 main supply both permanent and switched supply.
 - Open the twin spot and unplug battery connector.
 - Remove the battery pack and take 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 7.2Ah kit 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 and plug the battery connector into the PCBA.
 - Close the twin spot.
 - 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.

Instruction manual

SightPRO Twin Spot

114597



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.

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: 2 x 2W LED module, 6500K, 600Lm 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: 2 x LiFePO4 3.2V 3600mA/H
Battery Charge Time: 24 hours
Battery warranty: 5 years
Operating Temperature: 0°C to 45°C

 Conformity with all relevant UKCA Directive requirements.

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

 This product is not suitable for dimming.

 This product is rated at IP65.

 Conformity with all relevant EC Directive requirements.

 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 rated at IK08.

 Caution! Risk of electric shock!
The control gear provides basic insulation between the LV supply and the control circuit.

Layout

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

The mains supply cable must have a minimum cross section area of 1.0mm².

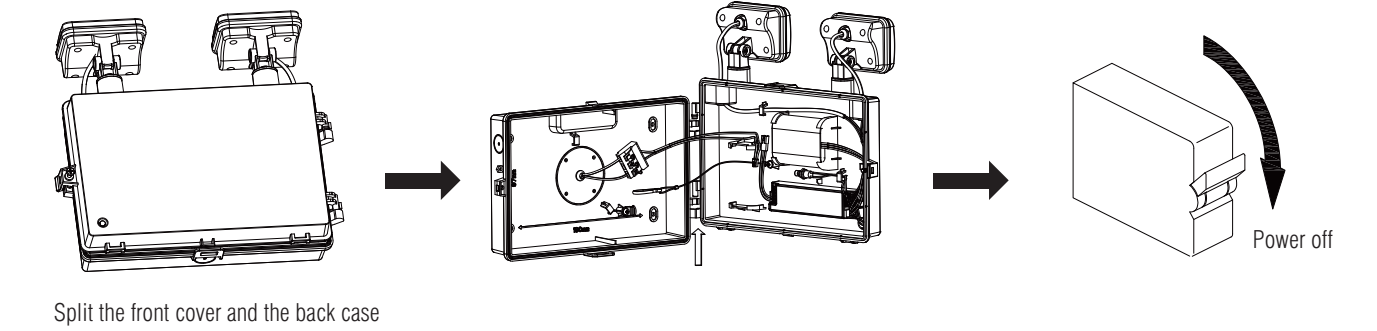
Avoid locating any cables in positions that would cause a hazard. Position cables away from areas where they may be at risk from being cut, trapped or damaged.

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.

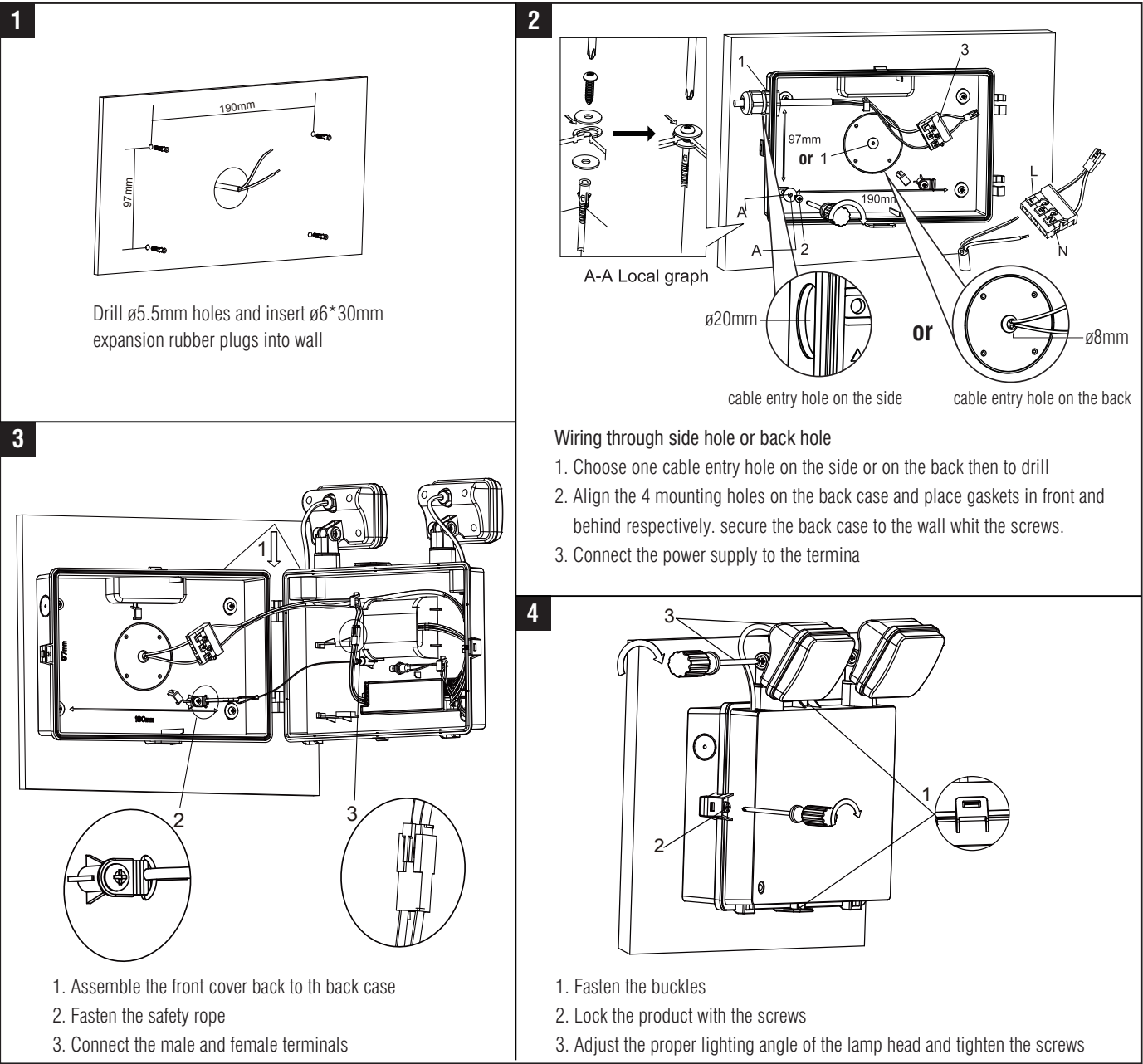
Note that the switch is turned off before installation.

After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions



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

Wall Mounted



Suspending Mounted

Optional with additional accessories

