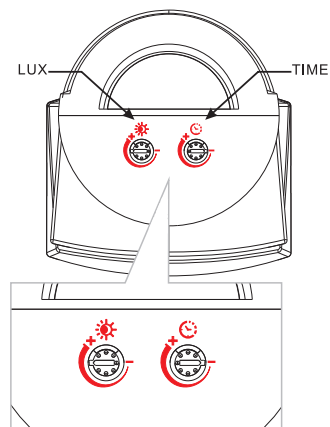## PIR Adjustment

- Turn the TIME knob anti-clockwise on the minimum (10s). Turn the LUX knob clockwise on the maximum (sun).

- Switch on the power, the sensor and its connected lamp will have no signal at the beginning. After Warm-up 30sec, the sensor can start work. If the sensor receives the induction signal, the lamp will turn on. While there is no another induction signal any more, the load should stop working within 10sec±3sec and the lamp would turn off.

- Turn LUX knob anti-clockwise on the minimum (-). If the ambient light is more than 10LUX, the sensor would not work and the lamp stop working too. If the ambient light is less than 10LUX (darkness), the sensor would work. Under no induction signal condition, the sensor should stop working within 10sec±3sec.

  Note: when testing in daylight, please turn LUX knob to ☼ (SUN) position, otherwise the sensor lamp could not work!

PIR Detector IP54 3-in-1

95283

Technical data

Supply Voltage: 220-240V∼	Detection Range: 180º / 360º
Power Frequency: 50Hz	Detection Distance: Max.12m (<24ºC)
Ambient Light: <10-2000LUX (adjustable)	Working Temperature: -20∼+40ºC
Time Delay: Min.10sec±3sec	Working Humidity: <93%RH
Max.15min±2min	Power Consumption: approx 0.5W
Rated Load: Max.2000W ☼	Installation Height: 1.8-2.5m wall mount / 2.2-4m ceiling mount
1000W	Detection Moving Speed: 0.6-1.5m/s

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.

This product is rated at IP54.

Care and Safety

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 changing lightbulbs, or cleaning.

saxby lighting

www.saxbylighting.com

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

Warning

This product 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.

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

This unit should be connected to a fused circuit.

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.
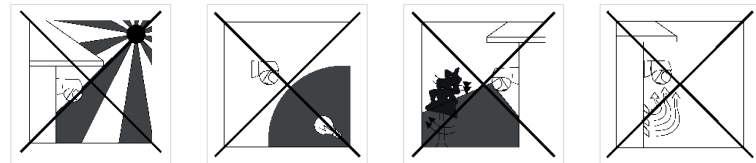
Layout

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

Cables must be protected using suitable conduit or plastic trunking.
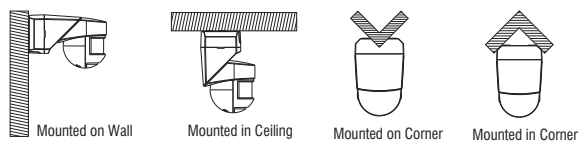
Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.

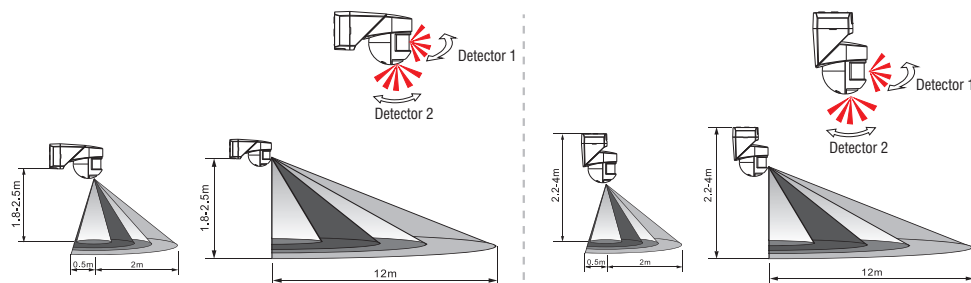Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.

Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.

It not only can install on the wall directly but also can install on ceiling, in the inner corner or outer corner with the help of the widget (refer to right diagram):

Mounted on Wall   Mounted in Ceiling   Mounted on Corner   Mounted in Corner

This product have **two detectors**, the installation height and the detection distance refer to photographo below:

Detector 1
Detector 2

Detector 1
Detector 2

1.8-2.5m   0.5m   2m

1.8-2.5m   12m

2.2-4m   0.5m   2m
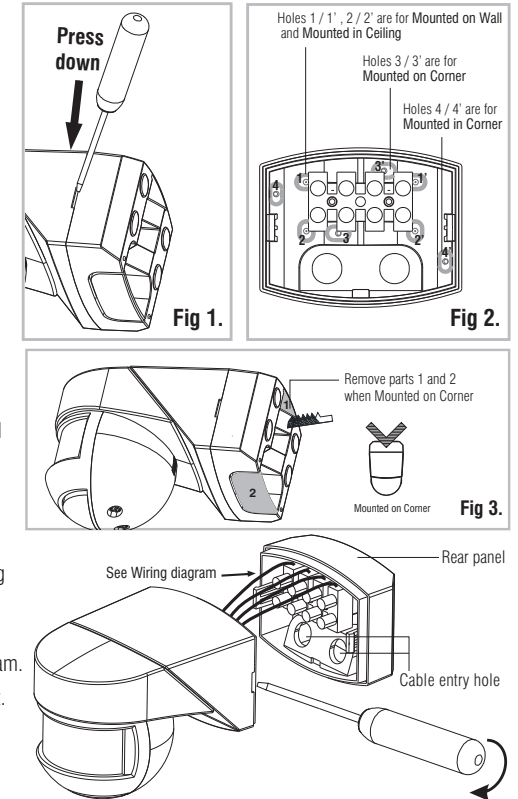
2.2-4m   12m

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.

Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product.

After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions.
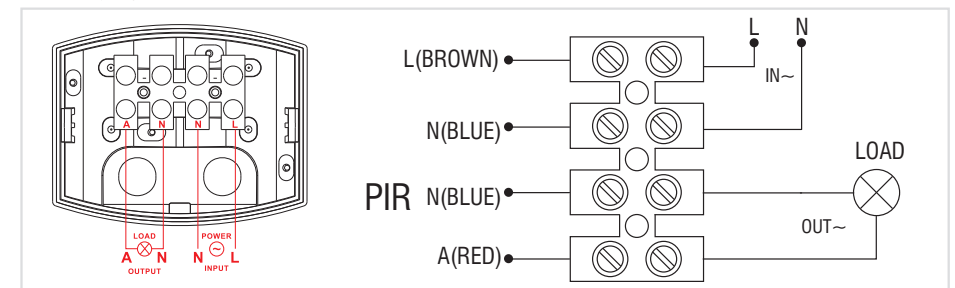
• Open one of two clips on both side of the product with slotted screwdriver to separate the rear panel from the SENS. Refer to **Fig 1.**

• Choose the screw holes on the rear panel and drill out the holes according to the installed position. Holes 1 / 1', 2 / 2' are for Mounted on Wall and Mounted in Ceiling , Holes 3 / 3' are for Mounted on Corner, Holes 4 / 4' are for Mounted in Corner. Refer to **Fig 2.**

• When choose the Mounted on Corner, parts 1 and 2 need to be removed with tool in order to match the installation position better. Refer to **Fig 3.**

• Using the rear panel as a template, mark and drill the fixing holes. The fixing holes are marked out in the rear panel-drill through them too. Take care to avoid damaging any concealed wiring or pipes.

• Pull the cable through the cable entry hole and seal to maintain the IP rating and wire as detailed Wiring Diagram.

• Re-clip the sensor back to the rear panel and then test it.

Press down

Fig 1.

Holes 1 / 1' , 2 / 2' are for Mounted on Wall and Mounted in Ceiling

Holes 3 / 3' are for Mounted on Corner

Holes 4 / 4' are for Mounted in Corner

Fig 2.

Remove parts 1 and 2 when Mounted on Corner

Mounted on Corner   **Fig 3.**

Rear panel
See Wiring diagram
Cable entry hole

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 and connect to the connection block inside the product in the following way:

LOAD   A N   OUTPUT   POWER   N L   INPUT

L   N
L(BROWN)
IN~
N(BLUE)
LOAD
PIR   N(BLUE)
OUT~
A(RED)

Check that...

You have correctly identified the wires

The connections are tight

No loose strands have been left out of the connection block

The cable clamp is fitted over the wires.