

MANUFACTURERS EXTENDED WARRANTY

This product is guaranteed by SIMX Ltd for 36 MONTHS from the date of purchase against faulty materials or workmanship which affects its designed ability to detect or switch. During this period if the product has a defect of this nature it will be repaired or replaced free of charge by SIMX with the same item, or a similar one of higher specification. ON CONDITION THAT:

The buyer returns it to the seller from whom it was bought, freight paid.

The product has been bought by the user. ie a receipt/sales invoice is produced as proof of purchase

The product has not been misused or handled carelessly, installed in anyway contrary to the installation instructions, or installed in any unusually exposed or harsh environmental conditions.

This guarantee excludes liability for discolouration of paint or plastic, or any user replaceable parts. It does not confer any rights other than those expressly set out above and does not cover any claims for consequential loss or damage.

Our Goods come with guarantees that cannot be excluded under the Australian and New Zealand Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the Goods fail to be of acceptable quality and the failure does not amount to a major failure.

INSTALLATION INSTRUCTIONS



Model: Bulk LED

Thank you for purchasing this SIMX Bulk LED. This light is suitable for sheltered outdoor permanent use and requires a 220/240VAC power supply. Please read this manual thoroughly before installation and retain for future reference .



Packing list	Quantity
Moisture proof Lamp LEDs 30PCS	1X
$\Phi 6$ Plastic expansion	2X
3x30 Screw	2X
4x16 Y type Stainless Screw	2X

TECHNICAL SPECIFICATIONS

Power source: 220-240 VAC

Power frequency: 50/60Hz

Detection range: 8 \pm 2m Max (at 22° C)

Detection Angle: 120°

Time setting: min 7sec \pm 3 sec

max 6min \pm 2 min

Dusk control: <5LUX ~ 2000LUX (adjustable)

PIR Max Load: 1200W θ = 1.0 Resistive

600W θ = 0.5 Inductive

Standby power: 0.45W

LED Type: SMD5050 3000K

Rated load: 6.5W max 0.08A

Luminous flux: 440lm

Installation height: 1.5m ~3m (wall installation)

Working temperature: -10° C ~ +40° C

Working humidity: <95% RH

Ingress Protection: IP44

Construction: Polycarbonate UV stabilised

! IMPORTANT

This product is suitable for use only with a supply voltage of 220-240V AC 50/60Hz.

All electrical work must be carried out in accordance with local and national electrical codes as applicable. We strongly recommend that this light fitting is installed by a registered electrician.

Always switch power off prior to installation. A means of mains power isolation must be installed on the circuit for the purpose of safe access for any internal cleaning, recalibration, or maintenance.

This light fitting is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young children should be supervised to ensure that they do not play with the appliance.

Any changes or modifications made or attempted to this product, without the prior written approval of the manufacturer, will void any and all stated warranties.



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Simx reserves the right to alter technical specifications without prior warning

Model	Description	Rated Power	Rated Voltage
LHT0199	Bulkhead Led PIR with Eyelid - Black	220-240 VAC - 50/60Hz	6.5W
LHT0200	Bulkhead Led PIR with Eyelid - White	220-240 VAC - 50/60Hz	6.5W
LHT0201	Bulkhead Led PIR - Black	220-240 VAC - 50/60Hz	6.5W
LHT0202	Bulkhead Led PIR - White	220-240 VAC - 50/60Hz	6.5W

INSTALLATION

This light fitting is rated to IP44. This means that it is suitable in areas which may receive light rainfall. Please ensure the desired location does not exceed this rating.

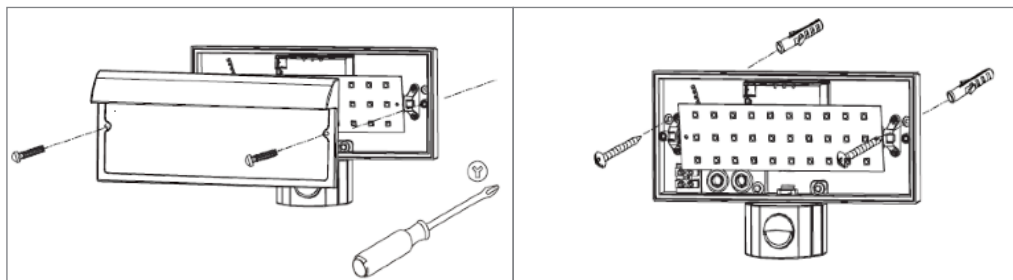


Fig A

Fig B

Switch off the power supply before commencing electrical work.

Remove the front trim and diffuser and locate the mounting holes for the unit (FIG.A.)

Mark these locations on the wall at the desired location. In the same position, locate and mark the power entry hole.

Drill holes in the wall to suit the mounting screws supplied (FIG B).

Pierce the power entry grommet on the fitting and slowly draw power cable through the power entry hole.

Firmly secure the light fitting to the wall with the screws provided.

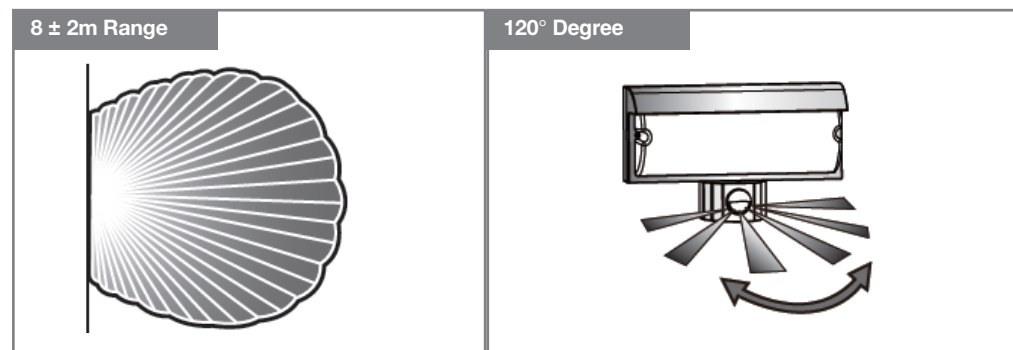
Wire the cable to the terminal block, ensuring that polarity is maintained. Failure to do this correctly will result in irreparable lamp and sensor failure.

If the model purchased has an eyelid front trim, carefully tilt the LED panel downwards to maximise light output. This is not necessary if you have purchased a Plain trim model.

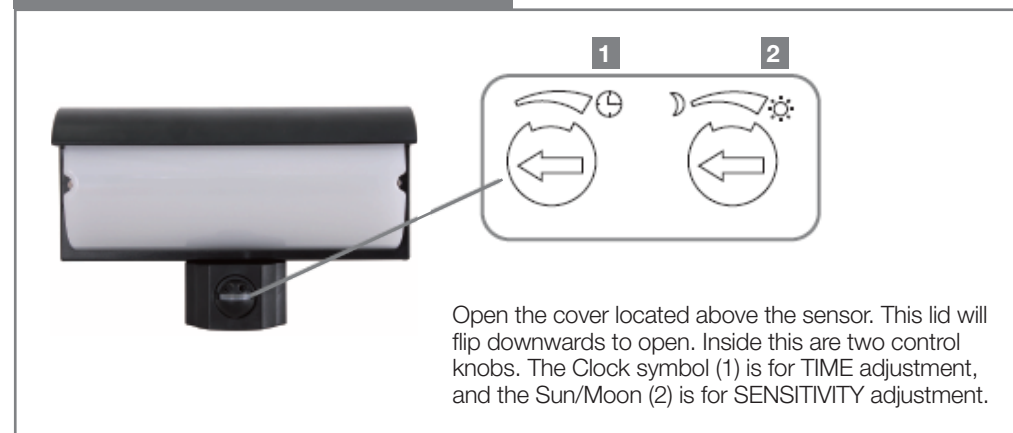
Carefully secure the diffuser and front trim firmly (FIG A). Check all work before reconnecting the power supply.

CALIBRATION

This light fitting only operates when the PIR sensor is activated by heat movement within its detection zone. A red LED inside the PIR will flash when movement is detected



Time/Sensitivity Adjustment



The TIME adjustment has a range of approx. 7 seconds (counter-clockwise rotation to the end), which it should be set to for walk testing the unit. Adjust the knob clockwise to the preferred duration the light is activated for when it detects movement. The maximum clockwise setting will be approximately 8 minutes. The timer will restart each time the sensor detects any new movement.

The SENSITIVITY adjustment sets the acceptable amount of daylight present before the unit will start detecting. Rotating the knob counter-clockwise to the end will set it to full daylight. Use this setting for walk testing the unit. Fully rotated clockwise will set the fitting to activate after dark only. It is recommended to set the final desired position of this at dusk.

When completed, click the front cover of the PIR upwards into its locked position.

Note: Do not force these knobs when adjusting. They are assembled directly to the component. There is a small limiting device in the component, which will be broken if forced around too far. If this happens the knobs will continue to rotate without limiting. Please notice the limited adjusting angle of the knobs is 270°.