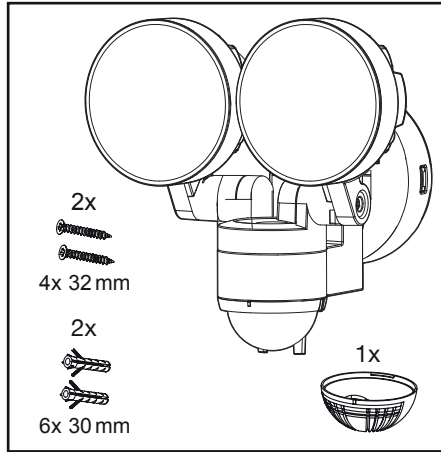


Model: 2x 8 Watt Sensor LED MAX

Thank you for purchasing this SIMX sensor light. This light is suitable for both ceiling or wall installation and sheltered outdoors. It requires a 220~240V AC power supply. Please read this manual thoroughly before installation and retain for future reference.



LHT0269 Black
LHT0270 White



TECHNICAL SPECIFICATIONS

Detection range:	8 ± 2 m	Rated load:	16W max
Detection Angle:	140° at 3 metres; 90° at 8 metres	Luminous flux:	600 lumens per lamp
Time setting:	min 20 sec ± 40 sec max 4 min ± 7min	Light beam angle:	95° to 1/2 peak intensity
Dusk control:	Day to night (adjustable)	Working temperature:	-20° C ~ +40° C
PIR Aiming adjustment:	Pan only, left 90° & right 90°	Ingress Protection:	IP44
		Construction:	Polycarbonate UV stabilised

! IMPORTANT

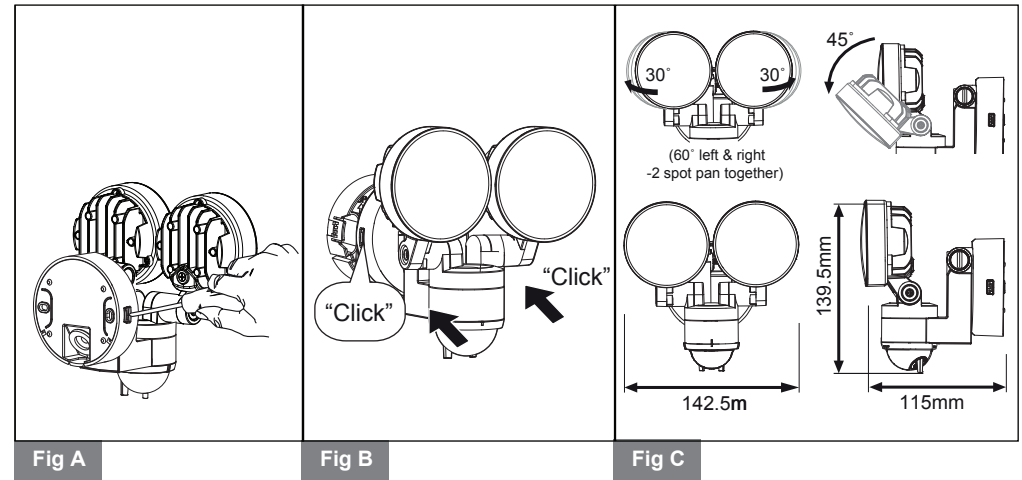
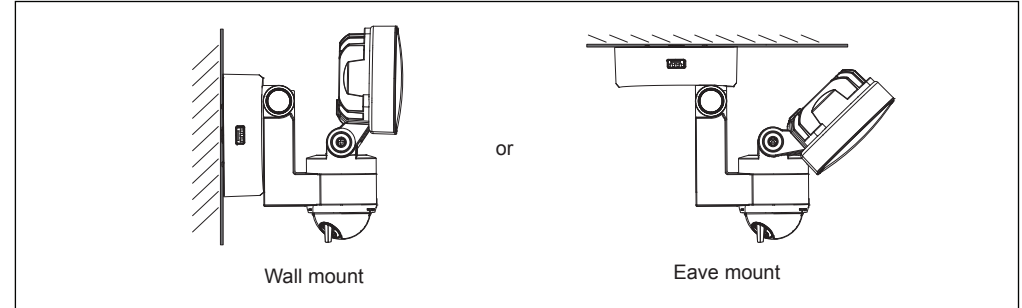
This product is suitable for use only with a supply voltage of 220-240V AC 50Hz.
All electrical work must be carried out in accordance with local and national electrical codes as applicable.
We strongly recommend that this light fitting is installed by a registered electrician.
Always switch power off 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.

INSTALLING YOUR SENSOR LED MAX LIGHT

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.

SUPERIOR ADJUSTMENT VERSATILITY

Dual Mounting Options



Switch off the power supply before commencing electrical work.

Using a flat head screwdriver, carefully lever the side tabs to separate the mounting base from the main housing (Fig A).

Pierce the power entry grommet on the mounting base and slowly draw a round mains power cable through the power entry hole. Recommended use of 1.5mm² - 2.5mm² wire for installation.

Firmly secure the base to the wall or ceiling using the mounting screws provided. Mounting holes located in the base are at 60mm centres.

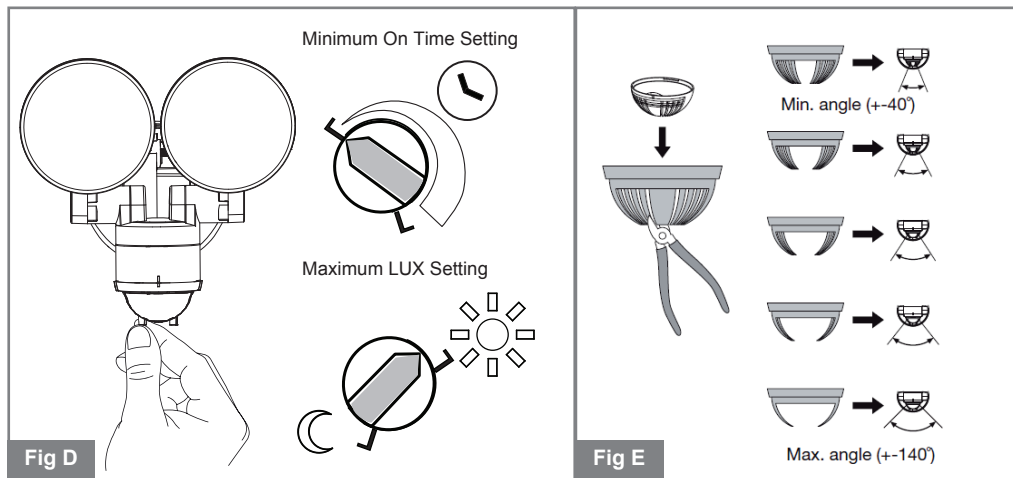
Wire the cable to the terminal block, ensuring accurate polarity. Failure to do this correctly will result in irreparable lamp and sensor failure. A terminal for Earth parking is provided if required. Locate the main housing over the base and push together until it 'clicks' into finished position (Fig B).

Adjust the base pivot to orientate the fitting with the sensor adjustors pointing downwards.

Tighten thumb screw to secure. Aim spotlight head to suit the locations.

CALIBRATION

This light fitting only operates when the PIR sensor is activated by heat movement within its detection zone. Once power is connected, the unit requires approx. 60 seconds to warm up. Do not commence any walk tests until this has occurred.



PRODUCT COMPLIANCES

Product complies with:

AS/NZS60598.1:2003 AS/NZS60598.2.5

EN55015:2006 EN61000.3.2:2000 EN61000.3.3:1995 EN61547:1995

EN62031 EN 62471:2008 EN62471 EN60529 and relevant amendments.

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 i.e. 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.

Time/Sensitivity Adjustment

The TIME adjustment has a minimum of approx. 30 seconds (counter clockwise rotation to the end) which it should be set to for walk testing the unit (Fig D). Adjust this setting clockwise to the preferred duration the light is activated for when it detects movement. The maximum clockwise setting will be approx. 6 minutes. The timer will restart each time the sensor detects any new movement.

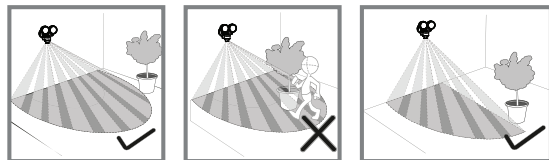
The LUX adjustment sets the acceptable amount of light present before the unit will start detecting. Rotating the dial clockwise to the end will set it to full daylight operation. Use this setting for walk testing the unit (Fig D). Fully rotating counter clockwise will set the unit to activate after dark only.

The PIR sensor has a 140° detection angle. This detection angle can also be aimed 90° left or right by pivoting the PIR cover where it joins the main housing.

The lens mask supplied can be used when needed for restricting detection angles of the PIR (Fig E). Removing the largest centre segment provides a 40° detection area, while removing all segments provides maximum 140° angle. The mask clips into place. Remove one segment at a time, aim, and check in walk test mode. Continue removing segments until correct coverage is achieved.

PIR LENS MASKING

The purpose of the lens mask is to block out areas not desired for detection. Apply to PIR lens as required for your location.



Special Note

Care and consideration should be taken when the unit is located close to property boundaries, to avoid unnecessary spill light or glare to neighbours, and to avoid unwanted activation by passing pedestrians or vehicles.



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