Simx
Lighting

ULTRABRIGHT PIR SHED LIGHT
LHT1183

Thank you for purchasing the Simx Lighting Ultrabright battery operated PIR shed light.

Please read this manual before installation and retain for future reference.

TECHNICAL SPECIFICATIONS

Detection Range	6 ± 1m
Detection Angle	110 degrees
PIR Aiming Adjustment	Pan left or right 34°, tilt up or down 52°
Time Setting	Fixed at 15sec (refer Operation section)
Luminous Flux	White 350lm +/-10%
CCT & CRI	5000K Cool White, CRI ≥80
Power Input	3x Alkaline 'C' cell batteries 1.5V (not included)
Battery Life	@ 15s average use of 5 activations per day, up to 12 months
Working Temperature	-20°C to +40°C
Mounting	Ceiling or Wall mountable
Ingress Protection	IP44
Construction	UV-stabilised Polycarbonate

CONTENTS

Ultrabright PIR Shed Light
LHT1183

Stainless Steel Screw x 1 pc
Wall Plug x 1 pc

You will require:
Tools/Equipment needed for installation

C x 3

Battery Caution & Disposal Information:

1. Do not mix old and new batteries.

2. Do not mix Alkaline, Standard (Carbon-Zinc)
   or Rechargeable (Ni-Cad, NiMH, or Lithium) batteries.

3. Do not dispose of batteries in fire.

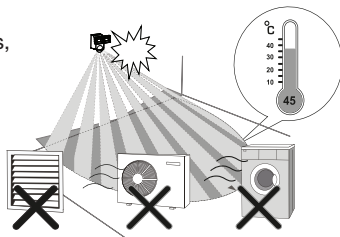4. Batteries should be recycled or disposed of as per local guidelines.

INSTALLATION

Installation Advice:

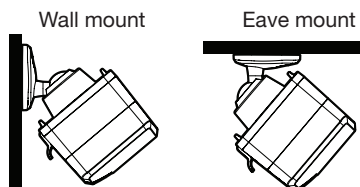Since motion detectors react to variations in temperature; avoid the following situations:

• Do not aim motion detectors at objects with highly-reflective surfaces, like swimming pools, mirrors,etc.

• Do not install motion detectors near heat sources such as heating outlets, air conditioning systems, dryer vents, lighting fixtures, etc.

• Do not aim the motion detector at objects that move in the wind, such as tree limbs or bushes, large plants, etc.

Mounting Location

This light fitting is rated to IP44, this means that it is suitable in areas that may receive light rainfall. Please ensure the desired location does not exceed the rating.
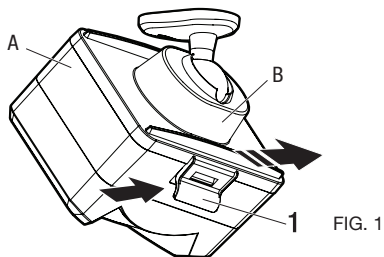
Recommended installation height is 1.8 - 3.0m above ground.

Wall mount   Eave mount

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 from passing pedestrians or vehicles.

Pre-install

1. Gently pull the bottom tab (1) of the wall mounting plate (B) away from the light body (A). FIG. 1

A

B

1   FIG. 1

2. Install 3 x Alkaline "C" 1.5V batteries (not included) into the battery compartment. Make sure the polarity (+ & -) of the batteries is correct as shown in the battery compartment. FIG. 2
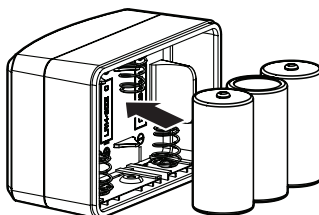
FIG. 2

OPTION 1 - WALL MOUNT

1. To attach light fixture to the mounting plate, tilt the top of the light body (A) slightly downward in the back, and align the top edge of the back of the light, over the tabs on the top of the mounting plate (B). Now gently push the light onto the mounting plate until you hear a "Click" sound. This indicates that the device is securely attached to the mounting plate. FIG. 3
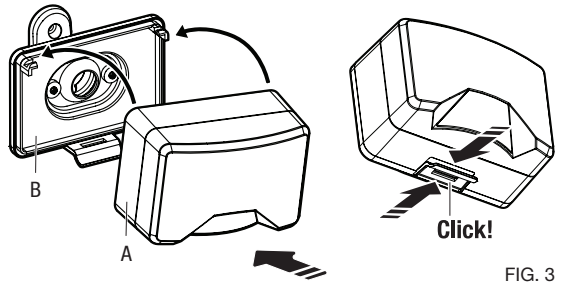
FIG. 3

2. Place the mounting plate (B) against the wall. Ensure the mounting plate (B) is flush against the surface. Mark the hole location. FIG. 4
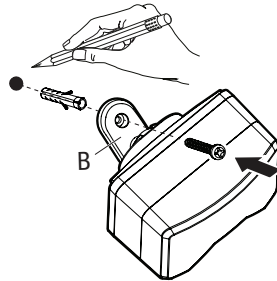
FIG. 4

3. If mounting to a wood surface, you can install the mounting screw through the mounting plate and into the wood. You can also drill 1 pilot hole into the wood with a 3mm drill bit and then install the screw. FIG. 4

If mounting to wall board or brick, drill 1 pilot hole with a 6mm drill bit. Insert the wall plug into the hole and attach the mounting plate to the wall with the screw. FIG. 4

OPTION 2 - EAVE MOUNT

1. Place the mounting plate (B) against the ceiling or eave (see illustration). Ensure the mounting plate (B) is flush against the surface. Mark the hole location. FIG. 4a
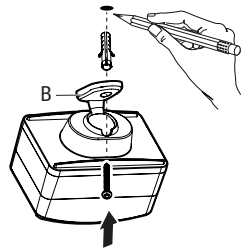
FIG. 4a

OPERATION

Adjusting The Light

The ball and socket joint (2) allows the light to move in a variety of positions. The motion sensor gets 110° of coverage. Think about the area you want the motion sensor (D) to cover and ensure the sensor is facing this area. Gently grasp the lamp head (C), slightly tilt it in the desired direction. FIG. 5
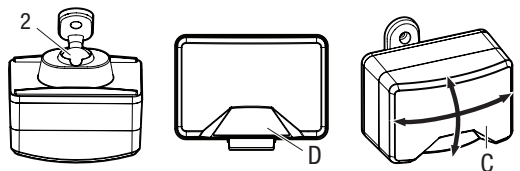
FIG. 5

OPERATION

Motion Sensor Activation
This motion sensor light works in automatic mode. The light will stay as long as unit detects motion. After the unit no longer senses motion, it will turn off after 15 seconds. Any re-triggering will extend the time for another 15 seconds.

Detection Range
The maximum detection range is approximately 6m in a 110° detection area. FIG. 6
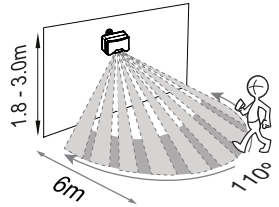

FIG. 6

MANUFACTURERS EXTENDED WARRANTY

This product is guaranteed by SIMX Ltd and Ventair Pty Ltd for 3 years from the date of purchase against faulty materials or workmanship which affects its designed ability to operate. 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 any way contrary to the installation instructions, or installed in any unusually exposed or harsh environmental conditions.

This guarantee excludes liability for discolouration and/or delamination of paint or plastic, or any user serviceable 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 either Australian, or 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.

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