

## Model: Mightylite 15 Watt and 24 Watt Floodlight

Thank you for purchasing this SIMX floodlight. This light is suitable for outdoor use and requires a 220 – 240V AC power supply. Please read this manual thoroughly before use and retain for future reference.



LHT0230: MIGHTYLITE 15W Black LED Floodlight



LHT0232: MIGHTYLITE 24W Black LED Floodlight

LHT0231: MIGHTYLITE 15W White LED Floodlight

LHT0233: MIGHTYLITE 24W White LED Floodlight

### TECHNICAL SPECIFICATIONS

Voltage:	220 - 240V AC	
Rated Load:	15 Watts	24 Watts
Luminous Flux:	930 lumens	1530 lumens
Light Beam Angle:	75°V - 99°H	74°V - 93°H
Working Temperature:	-30° to +50° C	
Ingress Protection:	IP65 with gland - IP44 with rear grommet	
Construction:	Polycarbonate UV stabilised & Alloy	

#### ! 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.

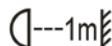
This light fitting is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young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

There are no user servicable parts in this light fitting.

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.

## CHOOSING A LOCATION

Mount the floodlight on a solid wall 3-5 metres above the ground. Do not install this light in any location where it is likely to be knocked or hit. Due to the heat output from the lamp, this light should not be directed at a wall or object within 1 metre.



## INSTALLING THE CONNECTION BOX

**We strongly recommend a registered electrician installs this floodlight.**

**Warning: Isolate the power supply before installation**

The unit requires connection to a mains electrical supply. It is recommended that the unit is connected using a 3 core round flexible cable of at least 0.75mm<sup>2</sup> gauge. This gauge will help to ensure that IP ratings are maintained.

Position the unit on the wall and mark the desired position for the connection box. Can be positioned in either landscape or portrait planes. Ensure that cabling can easily enter the connection box through either the knock-out at the rear of the box, or through those on the sides.

Use the connection box fixing holes to mark the 4 drill holes required to secure the box to the wall (and mark the cable outlet location if required). Drill the wall and screw the connection box on to the wall using the screws and wall plugs provided.

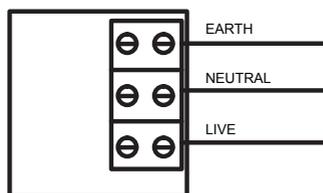
**NOTE: When installing power cable through the rear of the box, the knockout will need to be removed, the sealing grommet fitted and the cable pushed through BEFORE it is secured to the wall. Once the screws are fitted, the screw cover caps (supplied) must be used to maintain IP rating. Using the rear sealing grommet correctly will provide an IP44 rating.**

If feeding the power cable through a knockout on the side of the connection box the sealing gland (supplied) should be used. Once the sealing gland is fixed to the connection box the cable should be secured in place by gently tightening the outside cap to ensure the cable is secured firmly and no water can get through into the connection box. When correctly installed, this gland will provide an IP65 rating.

## CONNECTING THE ELECTRICAL SUPPLY

Once circuit wiring is completed, ensure the cover of the connection box has the gasket in place, then using the screws provided secure the cover firmly to the connection box. After electrical test and calibration of units is complete, the external screw cover caps (supplied) must be put in place to maintain IP ratings. This is a Class I product requiring an earth connection.

### TERMINAL WIRING



## AIMING

To aim the Mightylite, simply hold the connection box firmly whilst moving the head of the floodlight to the required location.

Note that this LED light has very intensive light output, which if incorrectly used could cause eye damage. Care and consideration should be taken when the unit is located close to property boundaries, to avoid unnecessary spill light or glare to neighbours.

## PRODUCT COMPLIANCES

AS/NZS60598.1:2003	AS/NZS60598.2.5:2002	EN55015:2006
EN61000.3.2:2006	EN61000.3.3:2008	EN61000.4 (various clauses)
IEC61347.1:2002	IEC61347.2.13	EN61547:2009

## MANUFACTURERS EXTENDED WARRANTY

This product is guaranteed by SIMX Ltd for 5 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 anyway contrary to the installation instructions, used on a supply voltage other than that indicated in the product specifications, or installed in any unusually exposed or harsh environmental conditions.

This guarantee excludes liability for discolouration 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 the 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.