

## PRODUCT COMPLIANCES

### Product complies with:

Ruapehu LED lights comply with all applicable standards.

## MANUFACTURERS EXTENDED WARRANTY

This product is guaranteed by SIMX Ltd and Ventair Pty Ltd for 5 years from the date of purchase against faulty materials or workmanship which affects its designed ability to switch and 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 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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## INSTALLATION INSTRUCTIONS



**TUTOKO**  
**2 x 6W LED UP/DOWN LIGHT**  
**LHT1146 ANTHRACITE**  
**LHT1180 BLACK**



**TUTOKO**  
**1 x 7W LED DOWNLIGHT**  
**LHT1145 ANTHRACITE**  
**LHT1179 BLACK**



The Simx Lighting Tutoko up/down lights and downlights are contemporary designs with high quality LED arrays. Water and dustproof, they are rated for installation in exposed exterior locations.

## TECHNICAL SPECIFICATIONS

Power Supply	220-240V AC
Lumens	2 x 6W: 950 lumens 1 x 7W: 500 lumens
LED Colour	Warm White 3000K
IP Rating	IP65
Safety	Class I
Mounting	Wall
Construction	Powder coated aluminium/tempered glass

Specifications are subject to change without notice

## BEFORE YOU START

### Please read all the instructions prior to installation.

- The Tutoko light should be wired to its own light switch.
- Do not connect non-LED lamps on the same switch.
- An earth connection must be used for electrical safety.
- For all locations, please check that the direction of the beam will not cause undue glare to neighbouring properties.

### ! IMPORTANT

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

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 in the circuit for the purpose of safe access for any internal cleaning, recalibration, or maintenance.

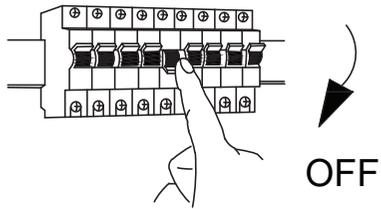
This light fitting is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young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

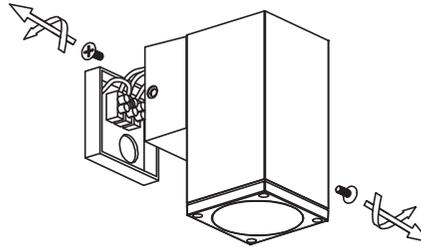
## INSTALLATION

We strongly recommend this light fitting is installed by a registered electrician. This guide can be used to install both models listed in this manual.

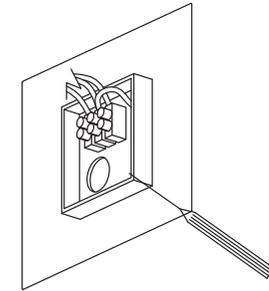
**IMPORTANT:** When installing the rear mounting base, always ensure that the power entry is at the bottom.



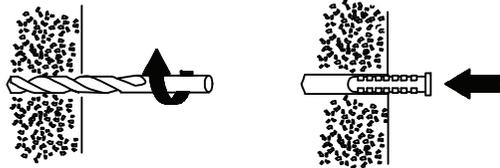
- 1** Switch off the power supply before commencing any electrical work.



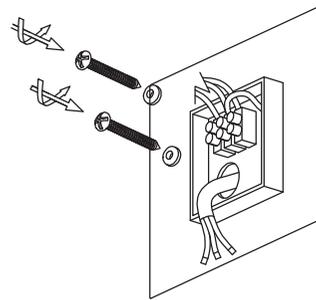
- 2** Unscrew the fixing cover screws and remove the rear mounting base.



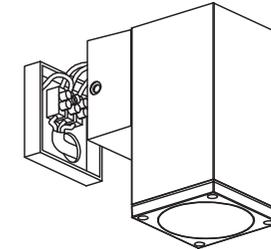
- 3** Use the rear base to mark the position of screw holes onto the mounting surface. Use a spirit level to ensure correct orientation. Power entry hole should be at the bottom.



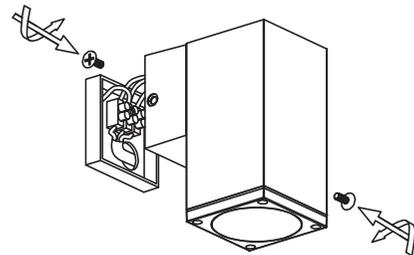
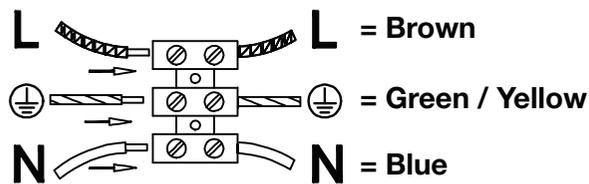
- 4** Drill the wall to depth of about 40mm and fit the wall plugs (supplied). Care should be taken to avoid drilling or screwing into concealed electrical wiring/plumbing.



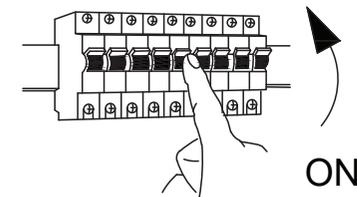
- 5** Push the power supply through the cable gland. Affix the rear base firmly to the mounting surface with mounting wall screws supplied. To maintain the IP rating, a round 3 core 0.75mm<sup>2</sup> (min) cable should be used.



- 6** Connect the power cables to the terminal block securely using the wiring diagram in Step 7.



- 8** Reattach and screw securely the light to the base. Ensure cables are not pinched when closing the unit.



- 7** Terminate the power supply cable.

- 9** Reconnect mains power and test circuit.