

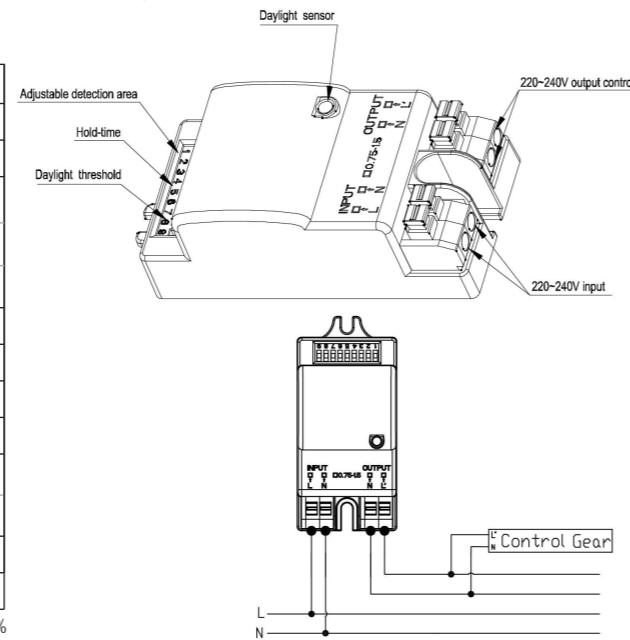
Microwave Movement Sensor

This product is fitted with a microwave movement sensor. Please see below detailed operating instructions.

Technical Specifications:

Operating voltage	220 ~ 240V AC 50/60Hz	
Rated load	400W (Capacitive load) 800W (Resistive load)	
Stand-by power	≤ 0.5W	
Sensitivity	Ceiling mounted height: 3m	100% / 75% / 50% / 25% / 10%
	Ceiling mounted height: 6m*	100% / 75% / 50%
	Wall mounted height: 2m	100% / 75% / 50% / 25% / 10%
Hold-time	5s / 30s / 90s / 3min / 20min / 30min	
Daylight sensor	2Lux / 10Lux / 25Lux / 50Lux / Disable	
Microwave frequency	5.8 GHz ±75MHz	
Transmitting power	1mW Max.	
Detection range	Ceiling mounted height: 3m	3- 6m (radius)
	Wall mounted height: 1.5-2m	12-15m
Detection angle	360° (Ceiling) / 120° (Wall)	
Working temperature	-20°C ~ 60°C	

*50%, 75%, 100% detection sensitivity is workable when installed at 6m mounting height. Only 10%, 25% sensitivity is not able to detect motion signal.



Settings:

<p>1. Sensitivity</p> <p>Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.</p> <table border="1"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td></td> </tr> <tr> <td>I – 100%</td> <td>●</td> <td>●</td> <td>●</td> <td>100%</td> </tr> <tr> <td>II – 75%</td> <td>○</td> <td>●</td> <td>●</td> <td>75%</td> </tr> <tr> <td>III – 50%</td> <td>●</td> <td>○</td> <td>●</td> <td>50%</td> </tr> <tr> <td>IV – 25%</td> <td>○</td> <td>○</td> <td>●</td> <td>25%</td> </tr> <tr> <td>V – 10%</td> <td>○</td> <td>○</td> <td>○</td> <td>10%</td> </tr> </table>		1	2	3		I – 100%	●	●	●	100%	II – 75%	○	●	●	75%	III – 50%	●	○	●	50%	IV – 25%	○	○	●	25%	V – 10%	○	○	○	10%	<p>2. Hold-time</p> <p>Hold-time refers to the time period that the light remains 100% on if no more movement is detected.</p> <table border="1"> <tr> <td></td> <td>4</td> <td>5</td> <td>6</td> <td></td> </tr> <tr> <td>I – 5s</td> <td>●</td> <td>●</td> <td>●</td> <td>5s</td> </tr> <tr> <td>II – 30s</td> <td>○</td> <td>●</td> <td>●</td> <td>30s</td> </tr> <tr> <td>III – 90s</td> <td>●</td> <td>○</td> <td>●</td> <td>90s</td> </tr> <tr> <td>IV – 3min</td> <td>○</td> <td>○</td> <td>●</td> <td>3min</td> </tr> <tr> <td>V – 20min</td> <td>●</td> <td>●</td> <td>○</td> <td>20min</td> </tr> <tr> <td>VI – 30min</td> <td>○</td> <td>○</td> <td>○</td> <td>30min</td> </tr> </table>		4	5	6		I – 5s	●	●	●	5s	II – 30s	○	●	●	30s	III – 90s	●	○	●	90s	IV – 3min	○	○	●	3min	V – 20min	●	●	○	20min	VI – 30min	○	○	○	30min	<p>3. Daylight sensor</p> <p>Different daylight threshold can be preset on DIP switches. Light will always turn on upon movement if daylight sensor is disabled.</p> <table border="1"> <tr> <td></td> <td>7</td> <td>8</td> <td>9</td> <td></td> </tr> <tr> <td>I – 2Lux</td> <td>●</td> <td>●</td> <td>●</td> <td>2Lux</td> </tr> <tr> <td>II – 10Lux</td> <td>●</td> <td>●</td> <td>○</td> <td>10Lux</td> </tr> <tr> <td>III – 25Lux</td> <td>○</td> <td>●</td> <td>○</td> <td>25Lux</td> </tr> <tr> <td>IV – 50Lux</td> <td>●</td> <td>○</td> <td>○</td> <td>50Lux</td> </tr> <tr> <td>V – Disable</td> <td>○</td> <td>○</td> <td>○</td> <td>Disable*</td> </tr> </table> <p>*Disable means the daylight sensor does not work. The sensor will turn on light once motion is detected regardless of ambient light level.</p>		7	8	9		I – 2Lux	●	●	●	2Lux	II – 10Lux	●	●	○	10Lux	III – 25Lux	○	●	○	25Lux	IV – 50Lux	●	○	○	50Lux	V – Disable	○	○	○	Disable*
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Trouble shooting:

Malfunction	Cause	Remedy
The light will not come on	Incorrect light-control setting selected	Adjust daylight threshold setting
	Faulty lamp	Replace lamp
	No power supply	Check power to sensor
The lamp is always on	Continuous movement in the detection zone	Check detection area setting
The lamp is on without any identifiable movement	The sensor is not mounted for reliably detecting movement	Securely mount enclosure
	Movement occurred, but not identified by the sensor (Movement behind wall, movement of small object in immediate lamp vicinity etc.)	1. Reduce sensitivity. 2. Check the movement behind walls to avoid facilities such as water pipe, fan, which may mis-trigger the sensor.
The lamp will not work despite movement	Rapid movements are being suppressed to minimize malfunctioning or the detection radius is too small.	Check detection area setting

For further information, please visit <https://www.lighting-info.co.uk/114570>

V1 18/09/2024
UK Manufacturer: BH17 7BY
EU Manufacturer: Brilliant AG,
 Brilliantstrasse 1, D-27442 Gnarrenburg

saxby
lighting

Instruction manual

Lucca CCT MW

114570




www.saxbylighting.com

saxby
lighting

Thank you for purchasing this light fitting. Please read the instructions carefully before use to ensure safe and satisfactory operation of this product. Please retain these instructions for future reference.

Warning

 This power supply is Double Insulated and does not require connection to an Earth circuit.

Please read these instructions carefully before commencing any work.

This unit must be fitted by a competent and qualified electrician.

Check the pack and make sure you have all the parts listed.

Install in accordance with the IEE Wiring regulations and current Building Regulations.

To prevent electrocution switch off at mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electrical supply without your knowledge. If you are in any doubt, please consult a qualified electrician.

This light fitting should be connected to a fused circuit.

If replacing an existing fitting, make a careful note of the connections.

The entire units get hot whilst on for a period of time.

Waste electrical products should not be disposed of with household waste.

Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Layout

Plan the desired layout of these fittings carefully, ensuring the cables will reach the distance between the junction box and the light fitting.

Avoid locating any cables in positions that would cause a hazard.

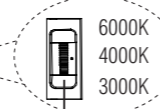
Position cables and outdoor rated junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.

We recommend that you use H05RN-F specification cable (not supplied) which is an outdoor grade, rubber sheathed cable.

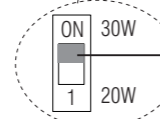
The mains supply cable must have a minimum cross sectional area of 1.0mm².

Cables must be protected using suitable conduit or plastic trunking.

Watt Switch & CCT Switch



CCT Switch
The colour is changeable between 3000/4000/6000K using the CCT switch.



Watt Switch
The wattage is changeable between 20/30W using the wattage switch.

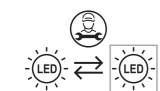
Choose your preferred wattage or colour before installing by Wattage switch or CCT switch on the driver inside the product.

Note: Before you change the wattage or colour, please turn off the power switch for safety.

Technical data

Supply Voltage: 220-240 V~, 50 Hz

Bulb Type: 20W/30W LED (SMD) CCT, 3000K/4000K/6000K This product contains a light source of energy efficiency class **D**.



Replaceable (LED only) light source by a professional



Replaceable control gear by a professional



Conformity with all relevant UKCA Directive requirements.



Conformity with all relevant EC Directive requirements.



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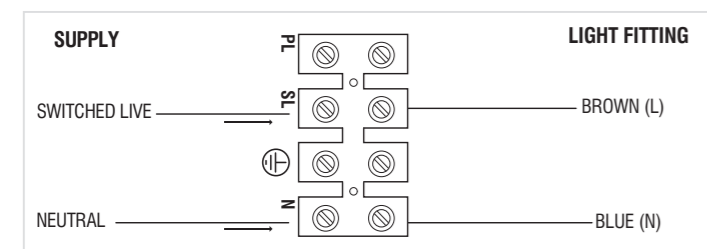
This product is not suitable for dimming.



This product is rated at IP65.

Wiring

Having correctly identified the wiring from your existing light fitting, connect to the connection block in the following way:



Check that...

- You have correctly identified the wires.
- The connections are tight.
- No loose strands have been left out of the connection block.

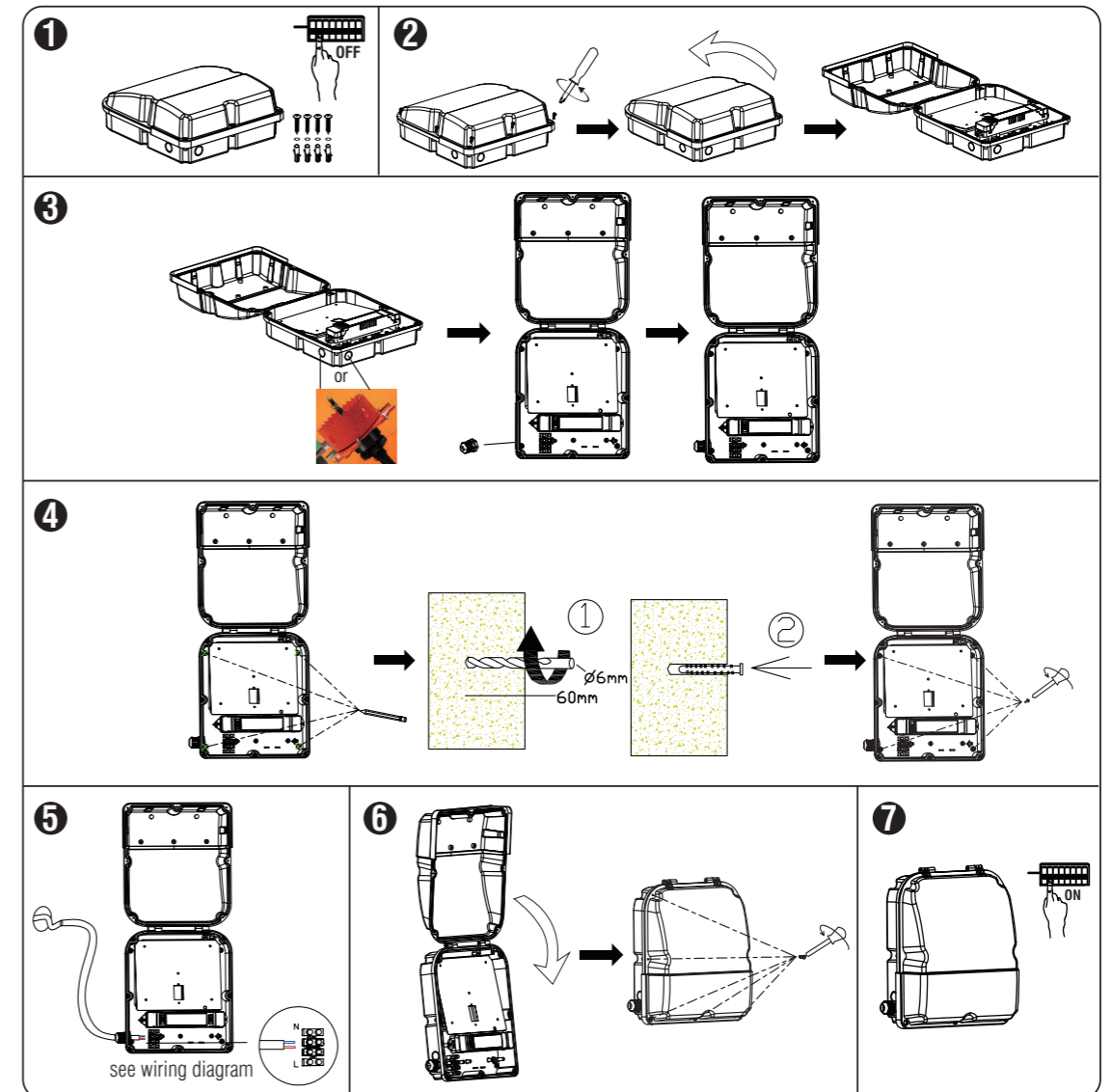
Installation

Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, carefully note the position of each set of wires.

Note that the switch is turned off before installation.

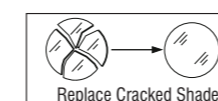
Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product.

- Shut off the power.
- Loosen the cross screw on the lampshade with a screwdriver, then open the lampshade upwards.
- Choose the entrance hole then use a hole opener to make holes on the side of the lamp then install the IP20 waterproof plug into the entrance hole.
- Place the back of lamp on the designated wall and mark the location with a marker pen. Drill a 60mm deep hole in the wall with a Ø6mm drill bit and insert the expansion tube into the hole. Then fix the light fixture to the wall with screws.
- Connect the reserved wire on the wall to the terminal post.
- Close the lampshade downwards then tighten the cross screw on the lampshade with a screwdriver.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.



Care and Safety

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish. For your safety, always switch off the power supply before cleaning.



This light source is protected by a shade. This part must be replaced immediately should the shade become cracked or damaged. This fitting must not be used without the shade in place.