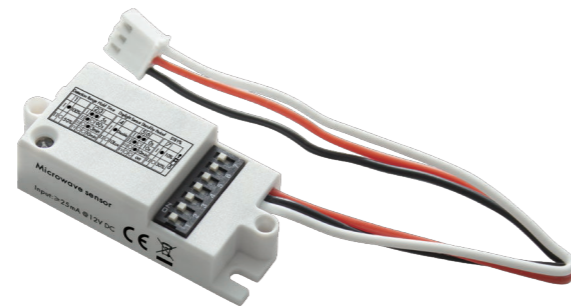


## Stepped Dim Microwave Movement Sensor

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

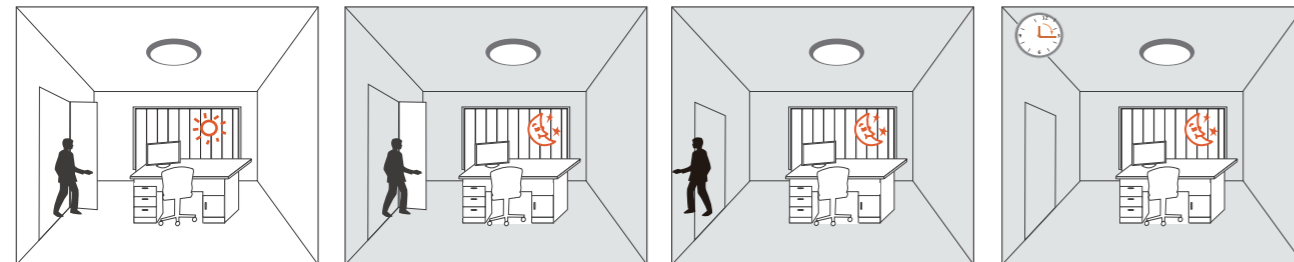
### MULTI-FUNCTION SENSOR SPECIFICATIONS:

DC Input Voltage	12±1V DC
Rated Voltage	12±0.6V DC
Stand-by Power	<0.3W
Efficiency	≥80%
Operating Frequency	5.8 GHz ±75 MHz
Transmitting Power	0.2mW Max.
Hold Time	5s / 90s / 3min / 10min
Stand-by DIM Level	10% / 30%
Stand-by Period	0s / 10s / 10min / +∞
Detection Area	100% / 50%
Daylight Sensor	10Lux / Disable
Detecting Radius	12m (mounting height 3m)
Mounting Height	6m Max
Detecting Angle	30~150°
Operating Temperature	-20°C...+60°C



Detection area is effected on volume of motion object and motion speed. The detection area is tested by a 165cm height person and walking speed is 0.3m/s.

### FUNCTION:



The light keeps off during daytime even when movement is detected. (Ambient lux level is above preset daylight threshold)

With movement and insufficient ambient lux level, the light is triggered on 100% by the detector.

If there is no more movement, the light dims to stand-by dimming level after hold-time.

The light turns off automatically after stand-by time.

### DIP SWITCH SETTING:

<p><b>1. Sensitivity</b></p> <p>Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.</p> <p>I – 100%    II – 50%</p> <table border="1"> <tr> <td>1</td> <td>100%</td> </tr> <tr> <td>II</td> <td>50%</td> </tr> </table>	1	100%	II	50%	<p><b>2. Hold-time</b></p> <p>Hold-time refers to the time period that the light remains 100% on if no more movement is detected.</p> <p>I – 5s    II – 90s III – 180S    IV – 10min</p> <table border="1"> <tr> <td>2</td> <td>3</td> <td>5s</td> </tr> <tr> <td>I</td> <td>●</td> <td>90s</td> </tr> <tr> <td>II</td> <td>○</td> <td>180s</td> </tr> <tr> <td>III</td> <td>○</td> <td>10min</td> </tr> <tr> <td>IV</td> <td>○</td> <td>10min</td> </tr> </table>	2	3	5s	I	●	90s	II	○	180s	III	○	10min	IV	○	10min	<p><b>3. Daylight threshold</b></p> <p>Different daylight threshold can be preset on DIP switches. Light will always turn on upon movement if daylight sensor is disabled.</p> <p>I – Disable    II – 10Lux</p> <table border="1"> <tr> <td>4</td> <td>Disable</td> </tr> <tr> <td>I</td> <td>●</td> </tr> <tr> <td>II</td> <td>○</td> </tr> </table>	4	Disable	I	●	II	○	<p><b>4. Stand-by time</b></p> <p>This is the time period that the light remains at a low level before it is completely turned off.</p> <p>I – 0s    II – 10s III – 10min    IV – +∞</p> <table border="1"> <tr> <td>5</td> <td>6</td> <td>0s</td> </tr> <tr> <td>I</td> <td>●</td> <td>10s</td> </tr> <tr> <td>II</td> <td>○</td> <td>10min</td> </tr> <tr> <td>III</td> <td>○</td> <td>+∞</td> </tr> <tr> <td>IV</td> <td>○</td> <td>+∞</td> </tr> </table>	5	6	0s	I	●	10s	II	○	10min	III	○	+∞	IV	○	+∞	<p><b>5. Stand-by dimming level</b></p> <p>Light can be dimmed to different levels after hold-time.</p> <p>I – 10%    II – 30%</p> <table border="1"> <tr> <td>7</td> <td>10%</td> </tr> <tr> <td>I</td> <td>●</td> </tr> <tr> <td>II</td> <td>○</td> </tr> </table>	7	10%	I	●	II	○
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### 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.

For further information, please visit <https://www.lighting-info.co.uk/95543>

V4 15/12/2022

UK Manufacturer: BH17 7BY  
EU Manufacturer: Brilliant AG,  
Brilliantstrasse 1, D-27442 Gnarrnburg

saxby  
lighting

Instruction manual

# HeroPro CCT Step Dimming

95543




[www.saxbylighting.com](http://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 light fitting 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.

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

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

To prevent electrocution switch off at the 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 circuit with a 30mA RCD fitted.

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


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.


## Technical data

Supply Voltage: 220-240 V~, 50 Hz

Bulb Type: 18/14/9W LED module (SMD) CCT, 3000/4000/6000K

This product contains a light source of energy efficiency class **D**.

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

 Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

 This product is not suitable for dimming.

 This product is rated at IP65

 This product is rated at IK10.

  Non-replaceable light source

 Replaceable control gear by a professional

 Conformity with all relevant UKCA Directive requirements.

 Conformity with all relevant EC Directive requirements.

## Layout

Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between each light fitting.

Avoid locating any cables in positions that would cause a hazard. Position cables and junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.

The mains supply cable must have a minimum cross section area of 1.0mm<sup>2</sup>.

Cables must be protected using suitable conduit or plastic trunking.

The products can be wall or ceiling mounted. If wall mounting ensure that the power supply is at the bottom.

## 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.


The ceiling surface must be flat and smooth to ensure a good fit.

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

- Twist and remove the lamp cover from the product, keep safe for refitting later.
- Turn the clip to loose the LED tray in the rear casing.
- Using the rear casing as a template mark the position to drill out the fixing holes. Take care to avoid damaging any concealed wiring and pipes.
- Fix the rear casing into the position using the installation plugs and screws.
- Pull the cable through the cable entry hole and seal to maintain the IP rating and wire as detailed Wiring Diagram.
- Refit the LED tray back into the rear casing and lock the clip.
- Twist the lamp cover back onto the product and lock in place.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.



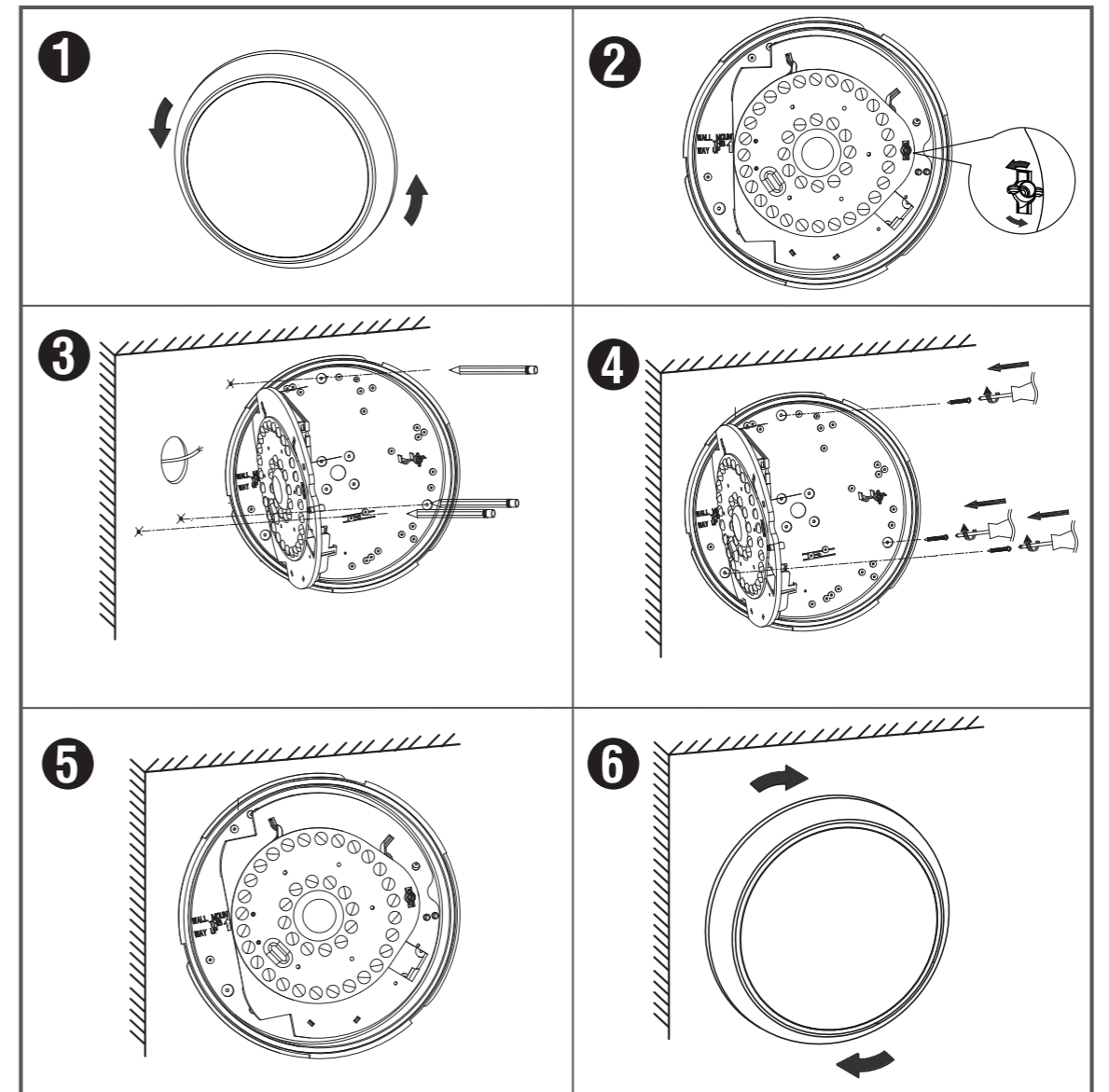
 The wattage is changeable between 18/14/9W using the wattage switch on the driver before installation.

 The colour is changeable between 3000/4000/6000K using the CCT switch on the driver before installation.

Choose your preferred wattage and colour before installing by wattage switch or CCT switch on the driver.

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

\* Product images may vary.



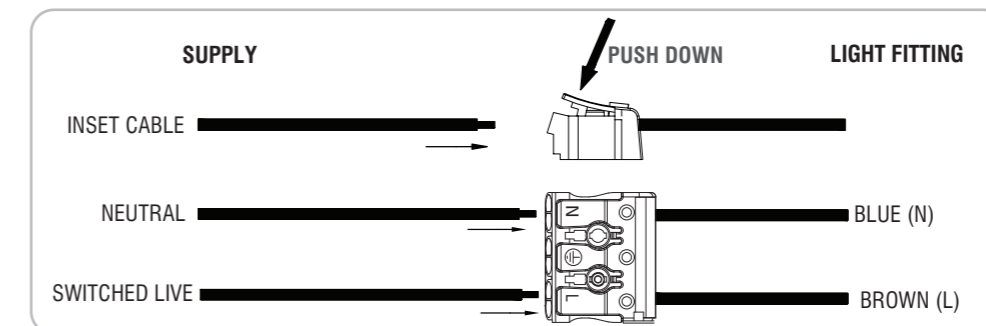
## Bezels

The following individual casings are available for purchase separately.

95545 : Chrome plain    95548 : Black plain    95551 : Anthracite grey plain  
 95546 : White eyelid    95549 : Black eyelid    95552 : Anthracite grey eyelid  
 95547 : White grill    95550 : Black grill    95553 : Anthracite grey grill

## Wiring

Having correctly identified the wiring from your existing light fitting, pull the mains wire through the hole and connect to the quick fit connection block in the following way. No tools are necessary.



### Check that...

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