



INSTALLATION & MAINTENANCE MANUAL

SHE1BS / SHE1GS / SHE2BS
SHE2GS

GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

These instructions should be used to aid installation of the following products:

SHE1BS / SHE1GS / SHE2BS / SHE2GS

SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse, or circuit breaker
- Please note the IP (Ingress Protection) rating of this product when deciding the location for installation
- This product is Class I and must be earthed
- This product is IP65 rated

INSTALLATION

Note - Microwave sensors may not be suitable for all installations, for example enclosed spaces, as they are able to detect movement through non-metallic surfaces like plasterboard and thin doors.

- Provide power to the required point of installation (refer to BS7671 for correct cabling methods). Suitable IP rated junction boxes should be used where required
- Remove the diffuser by unscrewing the four hex screws at the front of the diffuser
- Using the baseplate as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas/water pipes or electrical cables
- Feed the mains cable through the rubber grommet to retain IP rating, and secure the baseplate to the surface
- Ensuring correct polarity is observed, carefully wire as shown in Fig. 1

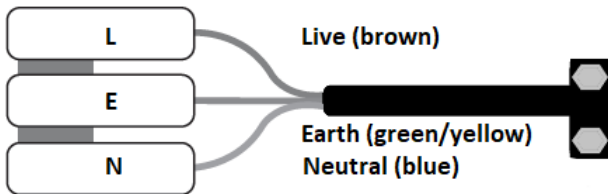
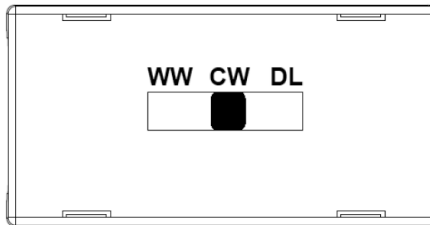


Fig. 1

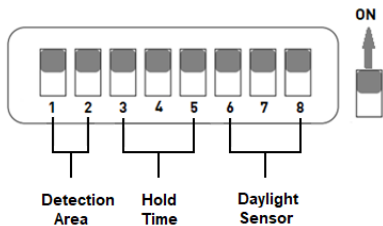
- Ensure the earth lead on the LED plate is secured correctly to the earth lead on the body of the fitting
- Fix the LED tray to the body
- Choose the required colour temperature by means of the three-position switch (see Fig. 2)



- Please see DIP switch layout to set up the sensor
- Replace the diffuser ensuring seal is in place
- Switch on and check for correct operation

Fig. 2

SENSOR DIP SWITCH LAYOUT



DIP SWITCH SETTINGS

Detection Area



| | 1 | 2 | |
|---|---|---|------|
| ● | ● | | 100% |
| ○ | ● | | 75% |
| ● | ○ | | 50% |
| ○ | ○ | | 25% |

Detection area can be adjusted by the combination of the DIP switches

Hold Time

On



| | 3 | 4 | 5 | |
|---|---|---|---|-------|
| ● | ● | ● | ● | 5s |
| ● | ● | ○ | | 30s |
| ● | ○ | ● | | 1min |
| ● | ○ | ○ | | 3min |
| ○ | ● | ● | | 5min |
| ○ | ● | ○ | | 10min |
| ○ | ○ | ● | | 20min |
| ○ | ○ | ○ | | 30min |

Daylight Sensor

On



| | 6 | 7 | 8 | |
|---|---|---|---|---------|
| ● | ● | ● | | 2lux |
| ● | ● | ○ | | 10lux |
| ○ | ● | ○ | | 25lux |
| ● | ○ | ○ | | 50lux |
| ○ | ○ | ○ | | Disable |

When set to disable, the daylight sensor will switch the luminaire on when motion is detected regardless of the ambient light level

This is the time period the luminaire remains at 100% after no motion is detected

WARNING

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

This product is not suitable for installation in or near a coastal or marine environment.

GENERAL

This product contains a light source of energy efficiency class C to Regulation (EU) No. 2019/2015.

This product contains a non-replaceable LED light source and a control gear which can be replaced by a professional.



Clean the external surfaces with a damp cloth using a mild solution of detergent and warm water only, do not use aggressive cleaning products or solvents which may damage the product.

This product is non-dimmable.

This product should be dismantled for disposal when it reaches the end of its life. Please see website for dismantling instructions.

This product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

WARRANTY

This product has a warranty of 5 years from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations (BS7671), improper use, or removal of the batch code will invalidate the warranty. If this product should fail within its warranty period, it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

SUPPLIED BY:

(UK) MANUFACTURER

**ML ACCESSORIES LTD, UNIT E CHILTERN PARK, BOSCOMBE ROAD, DUNSTABLE LU5 4LT,
WWW.MLACCESSORIES.CO.UK**

(EU) AUTHORISED REPRESENTATIVE

**SLV LIGHTING GROUP, DAIMLERSTRASSE 21-23,
52531 ÜBACH-PALENBERG, GERMANY
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Manufacturers Declaration of Conformity
For ML Accessories (Knightsbridge)
Electrical products in accordance with CE marking

ML Accessories Ltd. Declare that all products have been designed, manufactured, and tested in accordance with the requirements of the relevant legislation

CE marking legislation

In Accordance with the following Directives:

| | |
|------------|---------------------------|
| 2014/35/EU | Low Voltage Directive |
| 2014/30/EU | EMC Directive |
| 2014/53/EU | Radio Equipment Directive |

Including Legislation

| | |
|-----------|-------|
| 1907/2006 | REACH |
| 2015/863 | RoHS |
| 2021/341 | ERP |

Safety Standards

Full individual declarations and specific safety standards applicable to relevant product series can be found on our website www.mlaccessories.co.uk

We hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The product complies with all essential requirements of the directives.

Scott Brewer
Technical Manager

Catherine Connolly
CEO



ML Accessories Ltd. Unit E Chiltern Park, Boscombe Road, Dunstable. Bedfordshire, LU5 4LT

This declaration becomes invalid if technical or operational modifications are introduced without ML Accessories Ltd. written consent.



Manufacturers Declaration of Conformity
For ML Accessories (Knightsbridge)
Electrical products in accordance with UKCA marking

ML Accessories Ltd. declare that all products have been designed, manufactured, and tested in accordance with the requirements of the relevant legislation

UKCA marking legislation

| | |
|---------------------|--|
| UK SI 2016 No. 1091 | Electro Magnetic Compatibility Regulations 2016 |
| UK SI 2016 No. 1101 | The Electrical Equipment (Safety) Regulations 2016 |
| UK SI 2012 No. 3032 | Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 |
| UK SI 2017 No. 1206 | Radio Equipment regulations 2017 |
| UK SI 2021 No. 1095 | The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021 |

Included Legislation

| | |
|---------------------|----------|
| UK SI 2008 No. 2852 | UK REACH |
| UK SI 2013 No. 3113 | WEEE |

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