



INSTALLATION & MAINTENANCE MANUAL

**FL8ABK / FL8AW / FL16ABK / FL16AW**

## 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:**

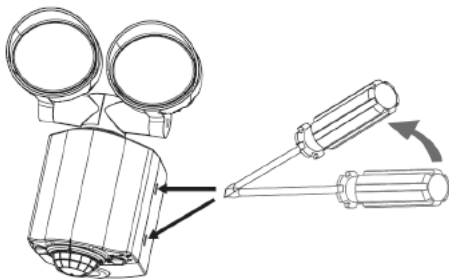
**FL8ABK / FL8AW / FL16ABK / FL16AW**

## 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 II double insulated
- This product is IP55 rated

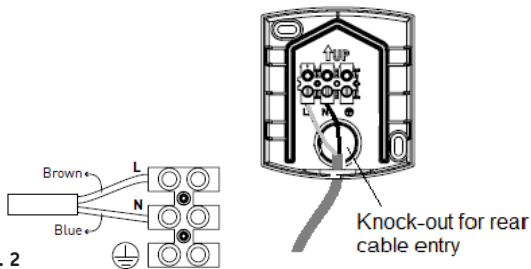
## INSTALLATION

- 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 rear panel with the aid of a flat-head screwdriver (see Fig. 1)



**Fig. 1**

- Mark the location of the fixing holes and drill the 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
- Connect the luminaire to the mains supply ensuring the correct polarity is observed: L - Live (brown), N - Neutral (blue). The earth terminal is non-functional and only provided for convenience (see Fig. 2)



**Fig. 2**

- Reattach the luminaire to the rear panel (see Fig. 3)

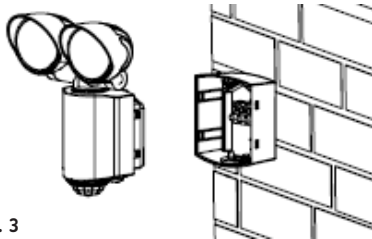


Fig. 3

- See below for sensor settings
- Switch on and check for correct operation

## SENSOR SETTINGS

An initial verification of the detection area can be carried out by turning the TIME dial to the TEST setting (see Fig. 4). In test mode the sensor is initially activated for approximately 1 minute, then for three seconds every time motion is detected.

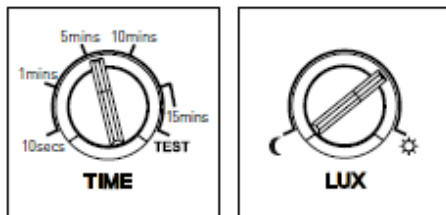
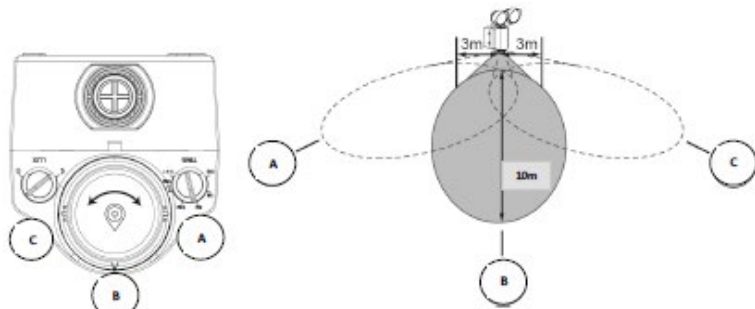


Fig. 4

Once the detection area is verified, the sensor duration can be set via the TIME dial - from a minimum of 10 seconds to a maximum of 15 minutes. The lux setting can be adjusted via the LUX dial - from a minimum of 5 lux (indicated by the moon icon) to daylight (indicated by the sun icon). When set to daylight, the sensor will activate when movement is detected regardless of the ambient light level.

The field of detection can be adjusted left or right by rotating the ring around the PIR (see Fig. 5). Positions A, B, or C can be set, or any position in between.



**Fig. 5**

Specific zones within the detection area can be blocked if required by using the blanking inserts provided (see Fig. 6). Each section of blanking insert covers a zone of a 300° angle.

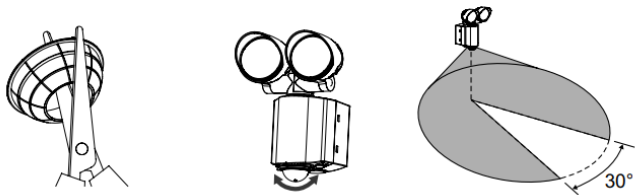


Fig. 6

## 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 F to Regulation (EU) No. 2019/2015 and (UK) 2021 No. 1095.

This product contains a non-replaceable LED light source and a non-replaceable control gear.



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.

Do not use any source of high-pressure washers to maintain or clean this luminaire.

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 3 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.

**(UK) MANUFACTURER**  
**ML ACCESSORIES LTD**, UNIT E CHILTERN PARK,  
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,  
[WWW.MLACCESSORIES.CO.UK](http://WWW.MLACCESSORIES.CO.UK)

**(EU) AUTHORISED REPRESENTATIVE**  
**SLV LIGHTING GROUP**,  
DAIMLERSTRASSE 21-23,  
52531 ÜBACH-PALENBERG, GERMANY  
**EMAIL:** [EPREL@GROUP.SLV.COM](mailto:EPREL@GROUP.SLV.COM)

MADE IN CHINA



**ML Accessories Limited LU5 4LT**  
[www.mlaccessories.co.uk](http://www.mlaccessories.co.uk)