



Knightsbridge BL12ALEDs LED Bulkhead with Microwave Sensor Instruction Manual

[Home](#) » [Knightsbridge](#) » Knightsbridge BL12ALEDs LED Bulkhead with Microwave Sensor Instruction Manual



Knightsbridge

INSTALLATION & MAINTENANCE MANUAL BL12ALEDs / BL20ALEDs Instruction Manual

Contents

- [1 GENERAL INSTRUCTIONS](#)
- [2 SAFETY](#)
- [3 INSTALLATION](#)
- [4 WARNING](#)
- [5 GENERAL](#)
- [6 WARRANTY](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

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: BL12ALEDs / BL20ALEDs

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
- Do not overload this accessory or subject it to conditions outside its rating
- This product is Class II double insulated
- This product is IP54 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
- Rotate the diffuser anti-clockwise and remove (see Fig. 1)

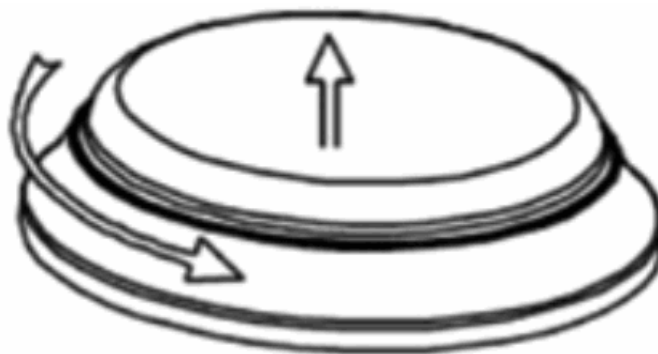


Fig. 1

- Remove the fastening screw securing the LED plate and open the LED plate (see Fig. 2)



Fig. 2

- 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 (see Fig. 3): L – Live (brown), E – Earth (green/yellow), N – Neutral (blue). The earth terminal is non-functional and only provided for

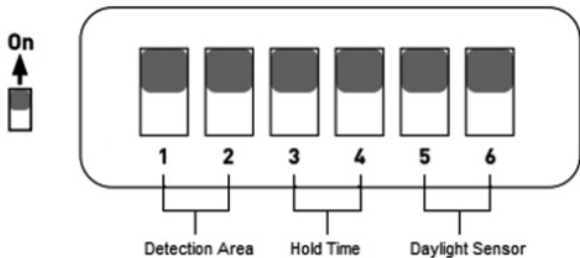
convenience. The additional L' – Slave live is able to power additional luminaires. A maximum of 400W LED load can be controlled by the sensor



Fig. 3

- efasten the LED plate screw
- Reattach the diffuser by rotating clockwise
- Switch on and check for correct operation

SENSOR DIP SWITCH LAYOUT



Detection area

On ↑	1	2	
●	●		100%
●	○		75%
○	●		50%
○	○		10%

Hold Time

On ↑	3	4	
●	●		5s
●	○		90s
○	●		5min
○	○		15min

Daylight Sensor

On ↑	5	6	
●	●		Disable
●	○		50 lux
○	●		10 lux
○	○		2 lux

Note – The sensor fitted in this luminaire can differentiate between natural daylight and artificial light and will only be activated by natural daylight

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.

GENERAL

This product contains a light source of energy efficiency class E to Regulation (EU) No.

2019/2015 and (UK) 2021 No. 1095.
This product contains a light source which can be replaced by the end user 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 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.

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

Including Legislation

1907/2006 2015/863 2021/341	REACH RoHS 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.

UKCA marking legislation

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

Included Legislation

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

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 products comply 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.

Supplied By:
(UK) Manufacturer
ML Accessories Ltd, Unit E Chiltern Park, Boscombe Road, Dunstable LU5 4LT,
www.mlaccessories.co.uk
(EU) Authorised Representative
nnuks Holding GmbH, Niederkasseler Lohweg 18,
40547 Düsseldorf, Germany,
Email: eprel@nnuks.com



AKJUL22_V2

Documents / Resources

	Knightsbridge BL12ALEDS LED Bulkhead with Microwave Sensor [pdf] Instruction Manual BL12ALEDS LED Bulkhead with Microwave Sensor, BL12ALEDS, LED Bulkhead with Microwave Sensor, Bulkhead with Microwave Sensor, Microwave Sensor, Sensor
--	--

References

-  [ML Accessories](#)

[Manuals+](#).