

INSTALLATION & MAINTENANCE MANUAL

BL12ALEDS / BL20ALEDS

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)

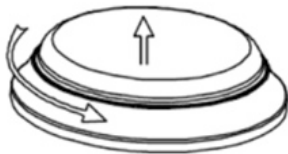


Fig. 1

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

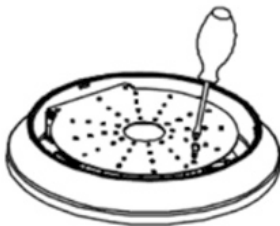


Fig. 2

- 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

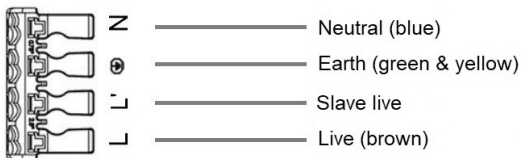
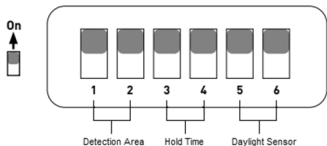


Fig. 3

- Refasten 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	
<input checked="" type="checkbox"/>	●	●	100%
<input checked="" type="checkbox"/>	●	○	75%
<input type="checkbox"/>	○	●	50%
<input type="checkbox"/>	○	○	10%

Hold Time

On ↑	3	4	
<input checked="" type="checkbox"/>	●	●	5s
<input checked="" type="checkbox"/>	●	○	90s
<input type="checkbox"/>	○	●	5min
<input type="checkbox"/>	○	○	15min

Daylight Sensor

On ↑	5	6	
<input checked="" type="checkbox"/>	●	●	Disable
<input checked="" type="checkbox"/>	●	○	50 lux
<input type="checkbox"/>	○	●	10 lux
<input type="checkbox"/>	○	○	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

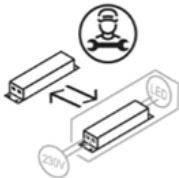
WARNING

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.

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

**230V
50Hz**

IP54

IK06



**-20
~40°C
TA**

ML
ACCESSORIES LTD



**UK
CA**



53

AKJUL22_V2

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	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.

Knightsbridge

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

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

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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
Head of Technical



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