

INSTALLATION & MAINTENANCE MANUAL

**0S021**

## 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 product:  
OS021**

## 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
- 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 has a maximum load of 400W LED / Fluorescent or 800W Incandescent
- This product is Class II double insulated
- 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
- Drill or knock out a 20mm hole on the side of the fitting to be used (see Fig. 1)

\*(T8BLED26 batten shown)

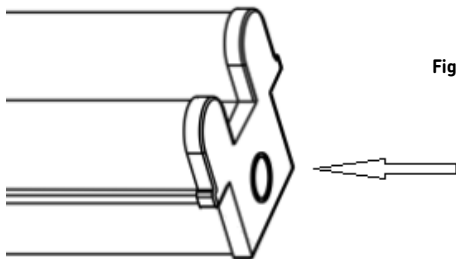


Fig. 1

- Remove the nut from the sensor housing
- Insert the sensor, refit the nut and tighten
- The sensor is pre-wired with approximately 0.5m single core cables. Ensuring correct polarity is observed, carefully wire as follows: Live In (brown), Neutral In (blue), Neutral Out (white), Live Out (black) (see Fig. 2)

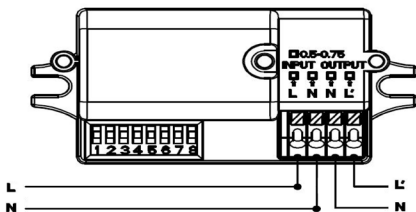
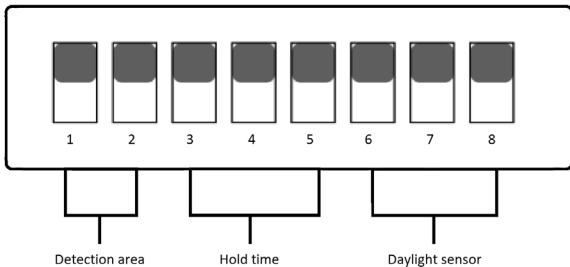


Fig. 2

- To change the DIP switch settings, unscrew the top cap of the sensor by turning anti-clockwise
- After changing the DIP switch settings, replace the cap ensuring that a tight seal is achieved
- Switch on and check for correct operation

## DIP SWITCH LAYOUT



## DIP SWITCH SETTINGS

### Detection area



1	2	
●	●	100%
●	○	75%
○	●	50%
○	○	25%

### Daylight sensor



6	7	8	
●	●	●	2lx
●	●	○	10lx
○	●	○	25lx
●	○	○	50lx
○	○	○	Disable

### Hold Time



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

This is the time period the lamp remains on after no motion is detected

When set to **Disable**, the daylight sensor will switch the lamp on when motion is detected regardless of the ambient light level

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

Clean with a soft dry cloth 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 product

## 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	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](http://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	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

### Safety Standards

Full individual declarations and specific safety standards applicable to relevant product series can be found on our website [www.mlaccessories.co.uk](http://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  
Head of Technical



Catherine Connolly  
CEO



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



**Supplied By:**

**(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**

**nnuks Holding GmbH**, Niederkasseler Lohweg 18,  
40547 Düsseldorf, Germany,  
Email: [eprel@nnuks.com](mailto:eprel@nnuks.com)



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