



INSTALLATION & MAINTENANCE MANUAL

POTHB1 / POTHB2

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:

POTHB1 / POTHB2

SAFETY

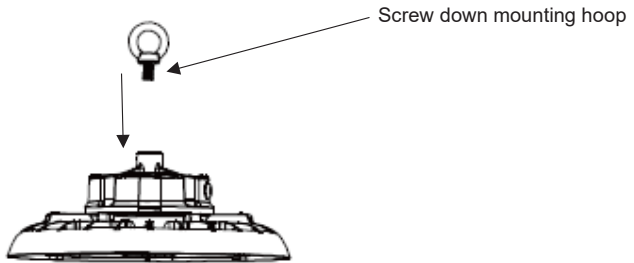
- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including 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 for indoor use only
- 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.

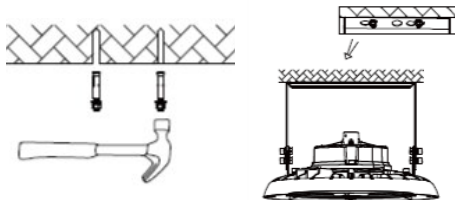
Suspension mounting

- To suspend the fitting, screw the mounting hoop into the top of the luminaire (see Fig. 1) then secure using suitable fixing accessories.



Bracket mounting

- Using the POTHB1BRAC or POTHB2BRAC mounting bracket as a template (sold separately), mark the location of the fixing holes, drill 2 x 10mm holes ensuring not to infringe with any gas / water pipes or electrical cables
- Using a hammer, tap the expansion bolts provided into the 10mm fixing holes (see Fig. 2)
- Align the mounting bracket with the with the expansion bolts, attach the nuts and washers to the bolts and tighten securely to the surface



- Align the luminaire with the holes on the sides of the bracket then adjust to the desired angle using the screws and nuts attaching the main body to the bracket (see Fig. 3)

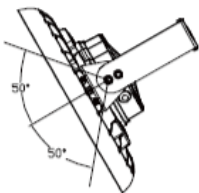


Fig. 3

WIRING

- Provide power to the required point of installation
- Connect the luminaire to the mains supply ensuring the correct polarity is observed: Live (brown), Earth (green/yellow), Neutral (blue)
- Select the desired power output and colour temperature via the switches on the rear of the luminaire (see Fig. 4)

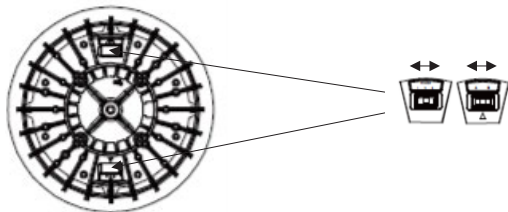


Fig. 4

- Switch on and check for correct operation.

POTHBDALI DALI control module

- The luminaire can be connected to a 0-10V dimmer or controlled via DALI (POTHBDALI is required, control gear and software not supplied)
- Connect the luminaire to the DALI module ensuring the correct polarity is observed: GND (pink), +12V (black and white), 0-10V (purple) (see Fig. 5)

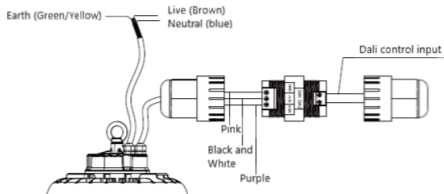


Fig. 5

POTHBxL60 60° Lens

- To replace the lens supplied with the luminaire for the optional 60° lens, remove all the screws that attach the lens to the luminaire and remove the existing lens. Align the replacement lens with the fitting ensuring all screw holes align including the centre ones, and replace the screws, ensuring a good seal is made. The three O-rings supplied must be fitted under the screw heads nearest to the centre of the lens. If not using a sensor attachment, the threaded blanking piece must be transferred from the old lens to the new one.

POTHBMS Microwave sensor

- POTHBRC (sold separately) is required to operate the sensor
- Using a screwdriver remove the blanking piece from the centre of the lens
- Insert the sensor into the hole and screw clockwise ensuring a tight seal is made to maintain the IP rating (see Fig. 6)

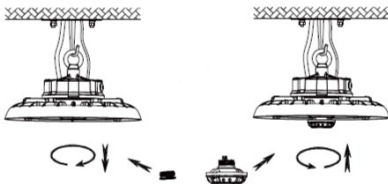


Fig. 6

POTHBRC Remote control

- Insert 2 x AAA batteries (not included)
- Adjust sensor settings as required (see table below)



Settings indicators show which functions have been selected

Function settings

ON/OFF	To turn on the remote control, hold ON/OFF button until brightness indicator light is on. Press once to turn the sensor on/off. When the sensor is off, all functions except BRIGHTNESS and SEND are disabled. The remote control needs to be turned on to change any settings.
BRIGHTNESS	Press to adjust dimming level 70% / 80% / 90% / 100%
SEND	Press to save setting after each change. The indicator light will illuminate to confirm the setting. After each setting change SEND must be pressed to save the setting
HOLD TIME	Press to adjust the hold time 10s / 1min / 10min / 30min
STANDBY DIM	Press to adjust the standby dimming level 10% / 20% / 30% / 50%
STANDBY TIME	Press to adjust standby time +∞ / 1min / 30min / 60min
SENSITIVITY	Press to adjust sensitivity 20% / 50% / 75% / 100%
DAYLIGHT	Press until daylight indicator light is on then press to cycle through daylight threshold settings 10lx / 30lx / 50lx / 100lx
RESET	Press for factory settings: Brightness 70% / Hold time 10s / Sensitivity 20% / Daylight level disabled / Standby dimming level 10% / Standby time +∞
+	Press to increase brightness (0-100%)
-	Press to reduce brightness (100%-0)
TEST	Press to test the sensor. In test mode, hold time is 3s and all functions except SENSITIVITY and SEND are disabled

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

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



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 luminaire.

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.



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

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



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

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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 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.

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
EMAIL: EPREL@GROUP.SLV.COM**

MADE IN CHINA

230V
50Hz



IP65

>80
CRI

-40~
50°C
TA



ML
ACCESSORIES LTD



**UK
CA**

CE



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