



INSTALLATION & MAINTENANCE MANUAL

BATCA4EM / BATCA5EM / BATCA5EMH
BATCA6EM / BATCA6EMH

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:

BATCA4EM / BATCA5EM / BATCA5EMH / BATCA6EM / BATCA6EMH

SAFETY

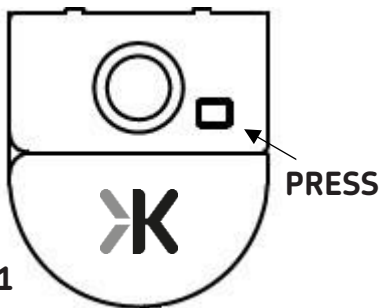
- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including 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 luminaire when deciding the location for installation
- This product is for indoor only
- This product is Class I and must be earthed
- This series is IP20 rated

INSTALLATION

Note - If this luminaire is being used in conjunction with an external PIR or sensor, please confirm with the manufacturer of the sensors that they are compatible with LED luminaires.

- Provide power to the required point of installation (refer to BS7671 for correct cabling methods)
- Press the two clips at either end of the luminaire to gain access (see Fig.1)

- Mark the location of the fixing holes and drill the holes ensuring not to infringe any joists, gas / water pipes or electrical cables. For distance between fixing centres, please see the table below:



PART CODE	DISTANCE (mm)
BATCA4EM	965
BATCA5EM / BATCA5EMH	1265
BATCA6EM / BATCA6EMH	1529

Fig. 1

- Ensuring correct polarity is observed, carefully wire as shown in Fig. 2

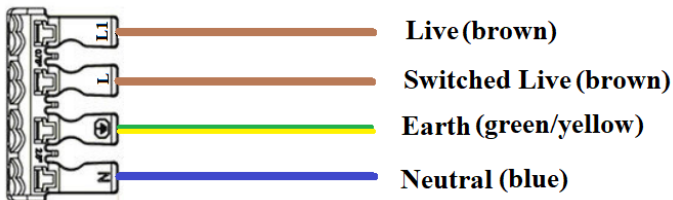


Fig. 2

- Choose the required colour temperature by means of the three-position switch (see Fig. 3)

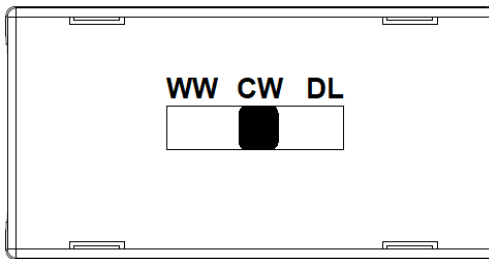


Fig. 3

- Connect the battery to the inverter
- Switch on and check for correct operation ensuring that the green LED indicator is illuminated
- We recommend, on commissioning the installation, a minimum charge period of 24 hours before carrying out an emergency duration test

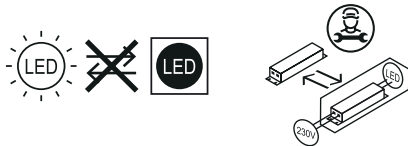
WARNING

This luminaire 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 for BATCA4EM and class D for BATCA5EM / BATCA5EMH / BATCA6EM / BATCA6EMH to Regulation (EU) No. 2019/2015.

This product contains a non-replaceable light source and a control gear which can be replaced by a professional.



Clean with a soft dry cloth 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.

The batteries in this luminaire are Lithium Ion and must be disposed of correctly. Please contact the local authorities for the disposal of this toxic waste.

WARRANTY

This product has a warranty of 5 years (excluding battery) 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 codes 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.

TESTING FOR EMERGENCY LUMINAIRES

Recommended routine test procedure in accordance with BS5266

- Daily check – check LED charge indicator is illuminated
- Monthly functional test - simulate a mains supply failure for approx. 30 seconds by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated
- Annual 3-hour duration test - simulate a mains supply failure for three hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated
- If the luminaire fails any of the above tests, please contact a qualified electrician. See below for test record sheet

TEST RECORD SHEET

INITIAL COMMISSIONING 3 HOUR TEST		SIGNED				DATE					
		FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
MONTH	TEST	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE
1	FUNCTIONAL										
2	FUNCTIONAL										
3	FUNCTIONAL										
4	FUNCTIONAL										
5	FUNCTIONAL										
6	FUNCTIONAL										
7	FUNCTIONAL										
8	FUNCTIONAL										
9	FUNCTIONAL										
10	FUNCTIONAL										
11	FUNCTIONAL										
12	3 HOUR										

Installed by:

Installation date:

Contact number:

INTERNATIONAL
CONTACT DETAILS



230V
50Hz



IP20



-20~
45°C
TA

ML
ACCESSORIES LTD



**UK
CA** **CE**



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ML Accessories Limited LU5 4LT
www.mlaccessories.co.uk