

INSTALLATION & MAINTENANCE MANUAL
LEDBATW_EM SERIES



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:

LEDBATW44EM / LEDBATW50EM

SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation/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 of Protection) rating of this luminaire when deciding the location for installation
- This product is Class I and requires an earth
- This product series is IP20 rated
- This product is non-dimmable

INSTALLATION

- Provide power to the required point of installation
- Remove the base fixing brackets and use as a template - ensure the base mounting brackets are evenly spaced in order to distribute the weight evenly
- Drill the holes ensuring not to infringe with any joists, gas / water pipes or electrical cables
- Remove panel on the rear of the luminaire to gain access to the mains terminal block (please see Fig 1)

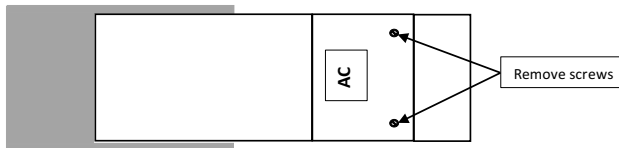


Fig 1

- Ensuring correct polarity is observed, carefully wire as shown in Fig 2-4

Non maintained operation

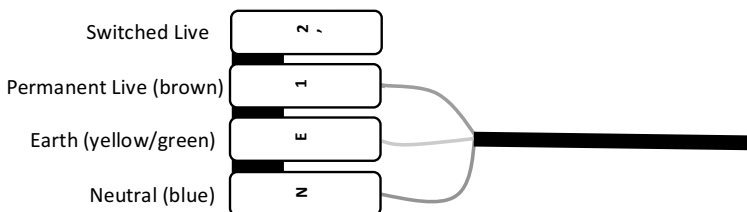


Fig 2

Maintained operation

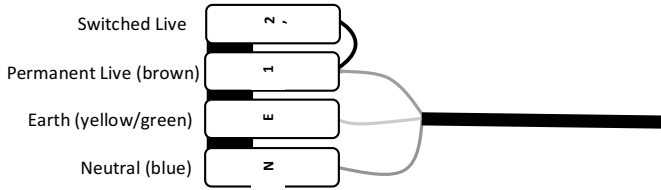


Fig 3

Switched maintained operation

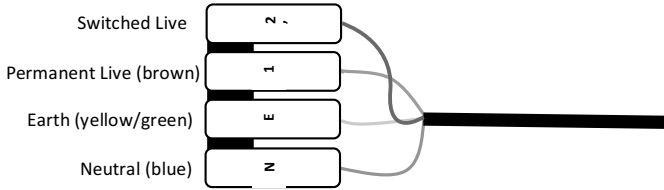


Fig 4

- At the opposite end of the luminaire, connect the battery to the inverter via the plug and socket
- Fix luminaire to base mounting brackets
- Switch on power supply and ensure that the green LED is illuminated

GENERAL

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

If the batteries have been left in a discharged state for a long period of time, we recommend that one or more charge and discharge cycles are required, this should restore the battery to its full capacity.

The batteries in this fitting are Nickel Cadmium and must be disposed of correctly. Please contact the local authorities for the disposal of this toxic waste.

Subject to the surface foundation material, ensure the correct fixings are used.

When installing ensure the indicator LED can be seen.

Approximately 1/6 of the fitting will be illuminated when in emergency mode.

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.

Recommended routine test procedure in accordance with BS5266

Daily check – check that the status GREEN LED indicator is illuminated.

Monthly functional test – simulate a mains supply failure for approx. 30 secs by operation of key switch or switching off a circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.

Twice yearly conduct a one hour duration test - simulate a mains supply failure for one hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.

Annual full three hour duration test - conduct a three hour continuous 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 the indicator status LED is illuminated. If the luminaire fails any of the above tests, please consult a qualified electrician. See below for test record sheet.

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, 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.

TEST RECORD SHEET											
		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	1 HOUR										
7	FUNCTIONAL										
8	FUNCTIONAL										
9	FUNCTIONAL										
10	FUNCTIONAL										
11	FUNCTIONAL										
12	3 HOUR										

Installed by:

Installation date:

Contact number:



ML Accessories Limited
LU5 5TA
www.mlaccessories.co.uk

SBSEP17_V4