



INSTALLATION & MAINTENANCE MANUAL

LWBEMKIT

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:
LWBEMKIT**

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 product 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 IP20 rated

INSTALLATION

- Remove the cover from the LWBxxx luminaire
- Fix the LWBEMKIT emergency pack to the LWBxxx gear tray using the screws provided, and with the mains end adjacent to the luminaire terminal block
- Using the three single-core wires provided, connect the emergency pack to the reverse side of the terminal block; use the terminal L2 for the emergency live (see Fig. 1)

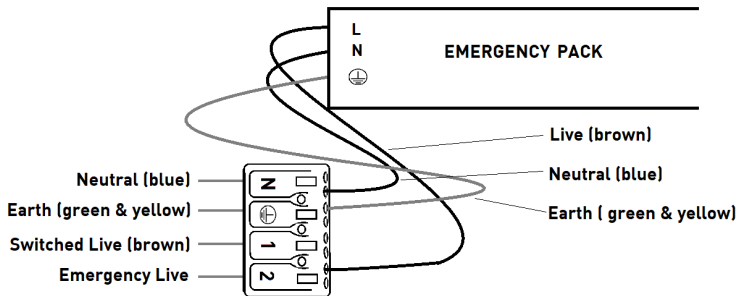


Fig. 1

- Screw the battery down with the screws provided and connect it to the emergency pack (see Fig. 2)
- Remove the small knockout on the end of the luminaire nearest to the emergency pack, and fit the LED indicator
- Disconnect the output side of the LED driver from the two 3-pole clamp connectors which supply the LEDs (see Fig. 2)
- Take one of the 2-core red & black wires provided; connect one end to the LED 3-pole clamp connectors (match red wires to red, and black wires to black), and connect the other end to the emergency pack LED+ (red) and LED- (black)
- Take the other 2-core red & black wire; join the LED driver output LED+ or V+ to the emergency pack terminal DRIVER+; and the LED driver output LED- or V- to the emergency pack terminal DRIVER- using the two 2-pole clamp connectors provided: + (red / brown); - (black / blue)

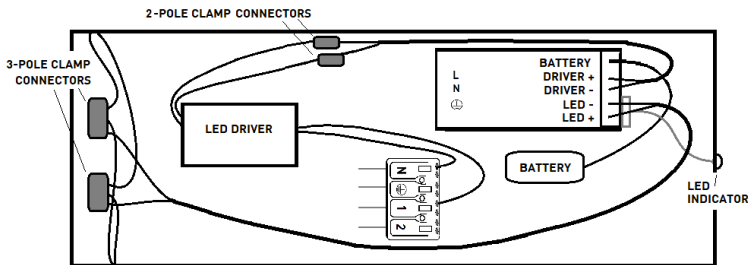


Fig. 2

- Refasten the cover
- Switch on and check for correct operation, ensuring 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
- This product is compatible with the motion sensors LWBMIC or LWBPIR, and can be used when the fitting is operated by an external 1-10V dimmer

Note: this emergency kit shuts off power to the Lithium-Ion battery periodically to prevent overcharging. Therefore, the green LED indicator has been set up to indicate that the emergency inverter is in good condition - not to indicate that the battery is charging. The installer must ensure the battery is connected.

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.

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

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product.

Installing in areas where the temperature consistently drops below 0°C may shorten the battery life.

The maximum constant ambient temperature at the point of installation should not exceed 50°C

WARRANTY

This product has a warranty of 3 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 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.

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:



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CA**



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