



INSTALLATION & MAINTENANCE MANUAL

EMKIT2LSM

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:

EMKIT2LSM

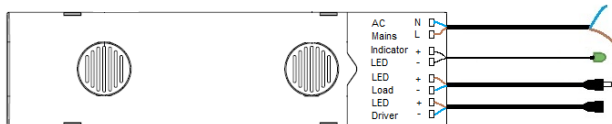
SAFETY

- 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
- Allow 50mm above and around the fitting for air dissipation (do not cover with insulation)
- This product is for indoor use only
- This product is Class II double insulated
- This product is IP20 rated

INSTALLATION

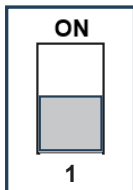
- Provide power to the required point of installation
- Connect the cable marked "AC Mains" to the permanent Live (Brown) and Neutral (Blue) (see Fig. 1)

Fig. 1



- Ensure the battery is connected to the battery connector on the PCB. To gain access to the battery, remove the main cover with the aid of a flat head screwdriver
- Ensure the dip switch is set to the required emergency mode, ON indicates standard mode and 1 indicates self-test mode (see Fig. 2)

Fig. 2



- Connect the cable marked "LED Load" to the LED
 - Connect the cable marked "LED Driver" to the secondary side of the compatible driver
- Note: Some luminaires may have the connections reversed, in this case please use the adaptors provided to convert a Female to a Male connector and a Male to Female connector (see Fig. 3)



Female to male adaptor



Fig. 3

Male to female adaptor

- The product comes equipped with two LED indicator holders. To install, mark the location of the LED indicator holder and drill a 6.5mm/18mm holes ensuring it does not infringe with any joists, gas/water pipes or electrical cables
- Switch on and check for correct operation ensuring the green indicator LED is illuminated
- See below for operation of the self-test function

SELF-TEST FUNCTION

Functional Testing – Every 30 Days

- A function test is a 2-minute test that simulates a mains failure and checks the operation of the emergency light source from the battery supply. The LED indicator flashes green whilst the 2-minute function test is in progress. Refer to LED indicator section.

Duration Testing – Every 52 Weeks

- A duration test simulates a mains failure and checks the operation of the emergency light source from the battery supply for the rated duration of the module. The LED indicator flashes green (quick flashes) whilst the duration test is in progress. Refer to LED indicator section.

LED Indicator

- System status is indicated by a bi-colour indicator LED as detailed below

LED Indication	Status
Green permanently ON	System Healthy
Green LED – Slow Flash	Function test running for 2 minutes
Green LED – Fast Flash	3 Hour Duration Test Running
Red LED – Single Flash	Battery Fault
Red LED – Double Flash	Lamp Fault
Red LED – Triple Flash	Duration Test Fault

- We recommend, on commissioning the installation, a minimum charge period of 24 hours before carrying out an emergency duration test

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

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.

This product is non-dimmable.

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 3 years (including 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.

MANUAL TESTING FOR EMERGENCY LUMINAIRES RECORD

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 3-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

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- If the luminaire fails any of the above tests, please contact a qualified electrician.
See below for test record sheet

SUPPLIED BY:

(UK) MANUFACTURER
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MADE IN CHINA

230V
50Hz



IP20

0~
45°C
TA



ML
ACCESSORIES LTD



UK
CA



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