

## INSTALLATION & MAINTENANCE MANUAL EMGUKIT1



230V  
50Hz

IP  
20



**ML**  
ACCESSORIES LTD



CE



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## 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 the installation of the following product:  
EMGUKIT1**

## SAFETY

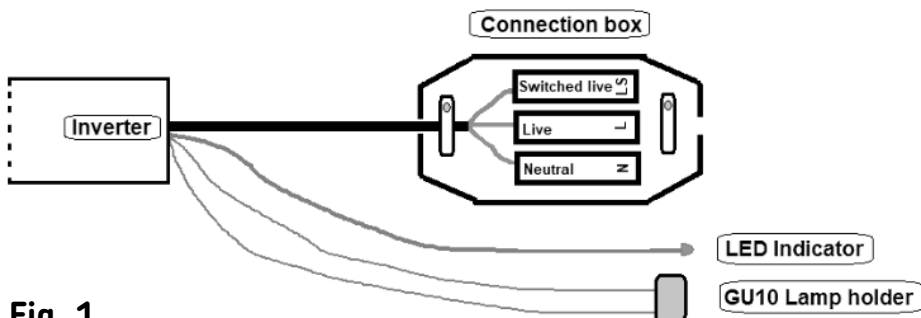
- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Please note the IP (Ingress Protection) rating 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 Class II
- This product is IP20 rated

## INSTALLATION

- Please check compatibility of LED lamp before installation (this product has only been tested with ML Accessories LED lamps)
- Provide power to the required point of installation
- Cut a suitable hole in the mounting surface as per the cut-out details of the downlight or fitting to be used with this emergency kit, ensuring not to infringe with any joists, gas/ water pipes or electrical cables

**Note:** This emergency kit requires a minimum 55mm cut-out

- Wire for switched-maintained operation by connecting to the Live (Brown), Switched Live (Red) and Neutral (Blue) or non-maintained mode by connecting to the Live (Brown) and Neutral (Blue), see Fig. 1. Remove the link between LS and L if not required



**Fig. 1**

- Secure the mains cable under the cable clamp and refit the connection box cover
- Ensure the battery is connected via the plug-in connector
- Mark the location of the LED indicator holder and drill an 18mm hole ensuring it does not infringe with any joists, gas, water pipes or electrical cables
- Connect a GU10 lamp to the lamp holder
- Switch on and check for correct operation, ensuring the green indicator LED is illuminated
- We recommend, on commissioning the installation, a minimum charge period of 24 hours before carrying out an emergency duration test
- If the batteries have been left in a discharged state for an extended period, we recommend that one or more charge and discharge cycles are completed which should help to restore the battery capacity

## 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 luminaire are Nickel Cadmium and must be disposed of correctly. Please contact the local authorities for the disposal of this toxic waste.

This product is non-dimmable.

## 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 a key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated
- **Annual three-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					
MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
		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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