



INSTALLATION & MAINTENANCE MANUAL

**EMPDL1**

## GENERAL INSTRUCTIONS

**These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.**

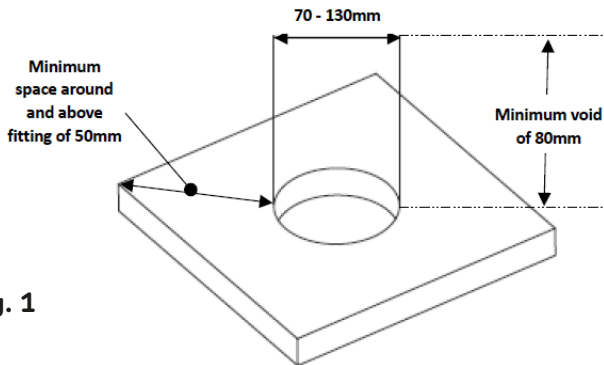
**These instructions should be used to aid installation of the following product:  
EMPDL1**

## 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 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

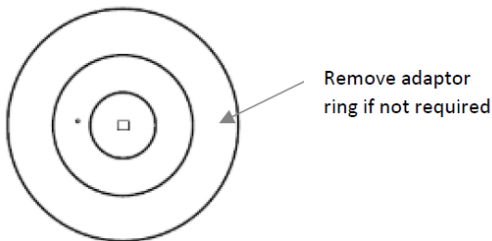
## INSTALLATION

- Provide power to the required point of installation
- Cut a suitable hole in the mounting surface as per the cut-out details (see Fig. 1) ensuring not to infringe with any joists, gas/water pipes or electrical cables



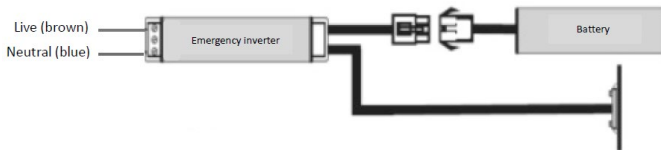
**Fig. 1**

- This fitting will suit 70mm – 130mm cut-outs when using the adaptor ring (see Fig. 2)



**Fig. 2**

- Connect the luminaire to the mains supply via a suitable junction box (not supplied) ensuring the correct polarity is observed: L – Live (brown), N – Neutral (blue) (see Fig. 3)



**Fig. 3**

- Connect the battery via the plug and socket to the inverter
- Place the battery and inverter into the ceiling void ensuring that there is at least 50mm of clearance above and around them
- Lift both spring clips on the sides of the luminaire and push into the ceiling

- 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
- The test button can be used to simulate a power failure to test the lamp and battery operation. This can be used to carry out monthly functional testing providing the battery holds at least a small charge

## 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

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire should be replaced.

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 for non-maintained emergency use only.

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 battery in this luminaire is 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.

## 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 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

## 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:

**SUPPLIED BY:**

**(UK) MANUFACTURER**

**ML ACCESSORIES LTD**, UNIT E CHILTERN PARK,  
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**EMAIL:** [EPREL@GROUP.SLV.COM](mailto:EPREL@GROUP.SLV.COM)

MADE IN CHINA

**230V**  
**50Hz**



**IP20**



**0~**  
**45°C**  
**TA**



**ML**  
ACCESSORIES LTD



**UK**  
**CA**



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