



INSTALLATION & MAINTENANCE MANUAL

**EMLED2AL**

## 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:  
EMLED2AL**

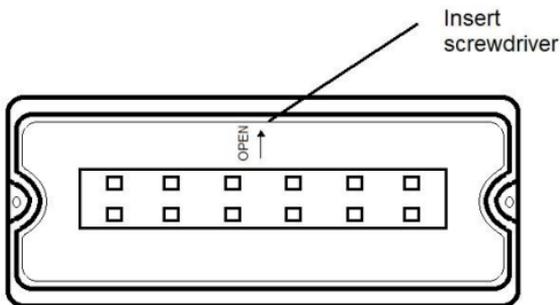
## SAFETY

- 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
- This product is Class II double insulated
- This product is IP65 rated

## INSTALLATION

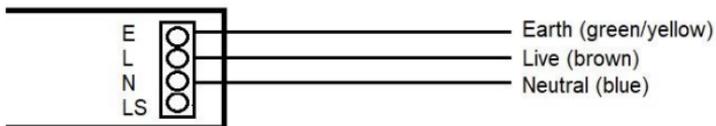
Note - If this product is being used in conjunction with an external PIR or sensor, please confirm with the manufacturer of the sensors that they are compatible with LED luminaires.

- Provide power to the required point of installation (refer to BS7671 for correct cabling methods). Suitable IP rated junction boxes should be used where required
- Unfasten the screws at each end of the luminaire and remove the diffuser
- Round cable should be used for the mains supply. The use of flat cable will cause water ingress to the fitting
- Release the gear tray by inserting a small flat-head screwdriver and prising apart the gear tray from the housing (see Fig. 1)

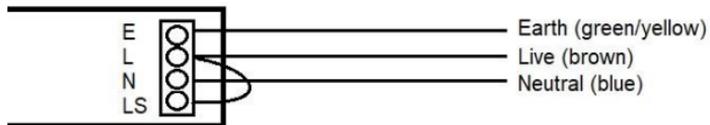


**Fig. 1**

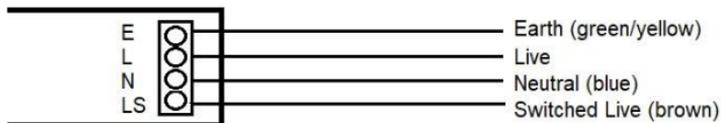
- Drill the fixing holes in the rear of the fitting. Mark the location of the fixing holes and drill ensuring not to infringe with any gas/water pipes or electrical cables
- Drill out one of the 20mm drilling guides on the side or rear of the fitting and fit the grommet provided
- Feed the mains cable into the luminaire and secure to the surface
- Wire for non-maintained operation (Fig. 2), maintained operation (Fig. 3) or switched maintained operation (Fig. 4) as required. Remove the link between LS and L if not required



**Fig. 2 – Non-maintained**



**Fig. 3 – Maintained**



**Fig. 4 – Switched-maintained**

- Ensure the battery is connected via the plug and socket to the PCB
- Replace the gear tray and diffuser ensuring seal is in place
- 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

## 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 the external surfaces with a damp cloth using a mild solution of detergent and warm water only, do not use aggressive cleaning products or solvents which may damage the product.

Do not use any source of high-pressure washers to maintain or clean this luminaire.

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 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,  
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,  
WWW.MLACCESSORIES.CO.UK**

**(EU) AUTHORISED REPRESENTATIVE**

**SLV LIGHTING GROUP,  
DAIMLERSTRASSE 21-23,  
52531 ÜBACH-PALENBERG, GERMANY  
EMAIL: EPREL@GROUP.SLV.COM**

MADE IN CHINA

230V  
50Hz



IP65



0~  
45°C  
TA

**ML**  
ACCESSORIES LTD



CE UK  
CA



54