

## INSTALLATION & MAINTENANCE MANUAL EMLSUS – SUSPENDED LED EXIT SIGN



## 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:

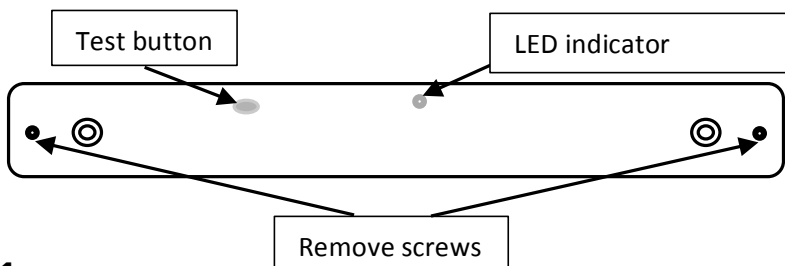
EMLSUS

## SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS 7671) 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 luminaire when deciding the location for installation
- This product is Class II double insulated
- This product is IP20 rated

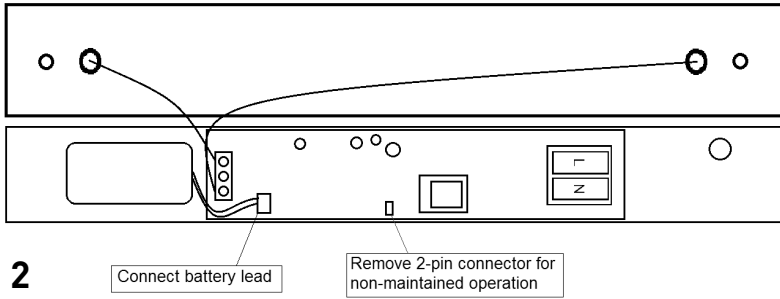
## INSTALLATION

- Provide power to the required point of installation
- Remove the two screws in the underside of the top cover, and remove the cover (see Fig. 1)



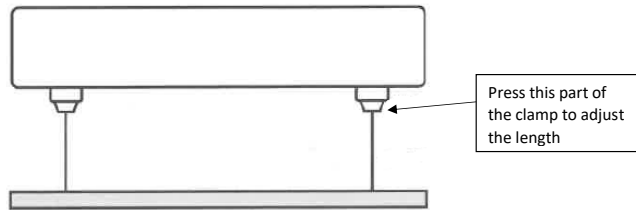
**Fig. 1**

- Using the top plate as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas/water pipes or electrical cables
- Feed the mains cable through the cable entry hole in the top plate
- Fix the top plate to the surface using appropriate fixings
- Connect the mains cable into the push-fit terminal block ensuring correct polarity is observed. Live (brown), Neutral (blue)
- For non-maintained operation, remove the 2-pin connector from the circuit board (see Fig. 2). For maintained operation, leave it in place. This fitting cannot be connected for switched maintained operation



**Fig. 2**

- Connect the battery lead to the battery connector on the PCB (see Fig. 2)
- Refit the cover to the top plate and secure with the two screws
- Switch on and check for correct operation, ensuring the green indicator LED is illuminated
- The height of the sign can be adjusted via the compression clamp on the luminaire (see Fig. 3). The maximum overall length from the ceiling to the lower edge of the fitting is 800mm.



**Fig. 3**

- On commissioning the installation, a minimum charge period of 24 hours is recommended before carrying out an emergency duration test.
- The test button on the underside of the top cover of the luminaire 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 (see below). The fitting will switch into battery mode while the test button is held in

## 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

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

The batteries in this luminaire are Nickel Cadmium and must be disposed of correctly. Please contact 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

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, improper use, or removal of the batch codes 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 three hour duration test** - simulate a mains supply failure for a 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

## 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:

4 Contact number: