



INSTALLATION & MAINTENANCE MANUAL

EMRNSTL

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:
EMRNSTL**

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 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
- The fitting is supplied with the 'arrow up' legend as standard. The legend may be changed if required: the clear plastic front cover should be removed by inserting a screwdriver beside the plastic tabs top and bottom of the clear cover (see Fig. 1) and twisting gently to lever the tabs out. Once the top and bottom tabs are free, the cover can be bent forwards and lifted out gently, taking care not to break any of the tabs. Reverse the procedure to replace the cover

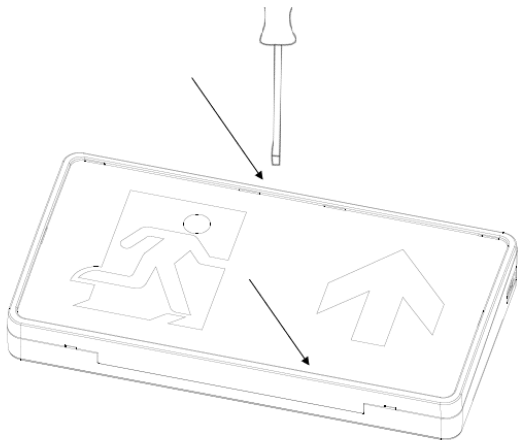


Fig. 1

- Open the fitting by inserting a small flat-head screwdriver into the two tabs on the underside and lever open gently (see Fig. 2)

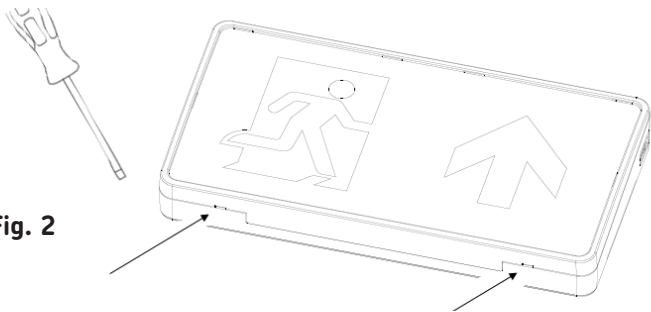


Fig. 2

- Drill the fixing holes in the rear of the baseplate. 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 top or rear of the fitting, and fit a suitable grommet or gland (not included)
- Feed the mains cable into the fitting and secure the baseplate to the surface
- Wire for non-maintained operation (Fig. 3), maintained operation (Fig. 4) or switched maintained operation (Fig. 5) as required. Remove the link between LS and L if not required

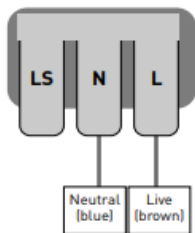


Fig. 3

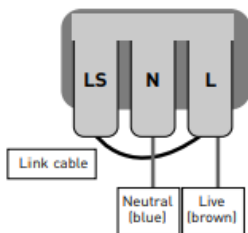


Fig. 4

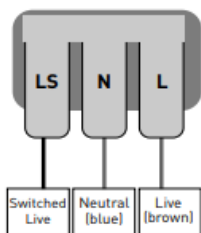


Fig. 5

- Ensure the battery is connected via the plug and socket to the PCB
- Ensure the lamp is connected to the lamp connector on the PCB
- Refasten the cover
- Switch on and check for correct operation, ensuring the green indicator LED is illuminated

See below for operation of the self-test function.

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

SELF-TEST FUNCTION

This product is programmed to carry out its own self-test function according to the following programme:

24 hours after first power-on	3-hour duration test
then every 28 days	30 second monthly function test
and every 52 weeks	3-hour duration test

Following self-tests, the unit will revert into charging mode, and any faults will be indicated by the bi-colour LED indicator as follows:

LED Indicator	Status
Solid green	Normal conditions / charging / test successful
1 red flash	Battery fault
2 red flashes	Lamp fault
3 red flashes	Duration test failure

NB: to clear a fault indication once a fault condition is rectified, either disconnect and restore power to the unit or hold the test button for 10 seconds.

Tests can also be initiated manually as follows:

Test button	Green LED	Status
Short press	Off	Emergency mode while test button held in
Press for approx. 5 seconds	Slow flash	Emergency mode for 30 seconds (monthly function test)
Press for approx. 7 seconds	Fast flash	Emergency mode for 3 hours (duration test)
Press for approx. 10 seconds		End the 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

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.

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 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 status of bi-colour LED indicator
- Monthly functional test – the luminaire will perform this function without any action from the user. Alternatively, simulate a mains supply failure for approx. 30 seconds by operation of key switch, switching off circuit breaker or using test button. Ensure normal supply is restored after test and check status of bi-colour LED indicator
- Annual three-hour duration test – the luminaire will perform this function without any action from the user. Alternatively, simulate a mains supply failure for three-hour continuous test by operation of key switch, switching off circuit breaker or using test button. Ensure normal supply is restored after test and check status of bi-colour LED indicator

If the luminaire fails any of the above tests, please contact a qualified electrician. Results should be recorded, even when obtained via the self-test function. See below for test record sheet.

SUPPLIED BY:

(UK) MANUFACTURER

**ML ACCESSORIES LTD, UNIT E CHILTERN PARK,
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,
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(EU) AUTHORISED REPRESENTATIVE

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MADE IN CHINA



**ML Accessories Limited LU5 4LT
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DCJUN23_V1

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: