



INSTALLATION & MAINTENANCE MANUAL

EMTWINIP

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:

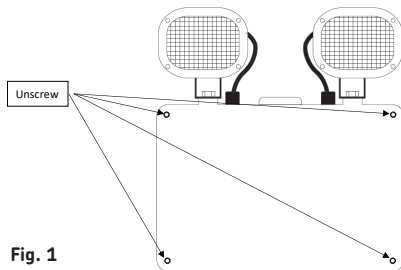
EMTWINIP

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, please 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 I and must be earthed
- This product is IP65 rated

INSTALLATION

- Provide power to the required point of installation. Suitable IP rated junction boxes should be used where required
- Unscrew the four fastening screws and remove the front cover (see 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
- Choose a suitable cable entry. 20mm drilling guides are provided on the rear or side of the unit. Ensure a suitable gland is used to retain the IP rating. Fix the luminaire to the surface using appropriate fixings
- Connect the luminaire to the mains supply (via the terminal connector) ensuring the correct polarity is observed (see Fig 2). Live (brown), Neutral (blue) and Earth (green and yellow)

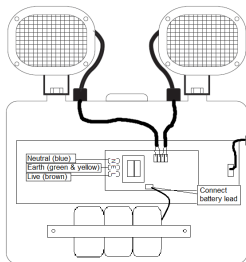


Fig. 2

- Connect the battery to the battery connector on the PCB (see Fig. 2)
- Refasten the cover
- Switch on and check for correct operation ensuring the green indicator LEDs are 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 a long period of time, we recommend that one or more charge and discharge cycles are performed, to restore the battery to its full capacity

The indicator lamp marked "CHARGE" will be lit when the battery is charging. If it is not lit, check that the battery is connected to the PCB, and that there is a 230V mains supply. The indicator lamp marked "LAMPS" will be lit if the lamp circuit is complete and the lamps are healthy. (NB the indicator lamps will not work when the fitting is in emergency mode, only while it is connected to the mains supply)

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 Nickel Cadmium 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 (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 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 a 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					
		FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
MONTH	TEST	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:

INTERNATIONAL
CONTACT DETAILS



230V
50Hz



IP65



0~
45°C
TA

ML
ACCESSORIES LTD



UK
CA CE



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