

INSTALLATION & MAINTENANCE MANUAL
T8xxxEMHF series



230V
50Hz



IP
20



 **RoHS**
COMPLIANT



52

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 products:

T8136EMHF/T8158EMHF/T8170EMHF/T8236EMHF/T8258EMHF/T8270EMHF

SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the current Building and IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation/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 of Protection) rating of this luminaire when deciding the location for installation
- This product is Class I and requires an earth
- This product is IP20 rated

INSTALLATION

- Provide power to the point of installation
- Remove the two screws on top of the fitting (see Fig 1)

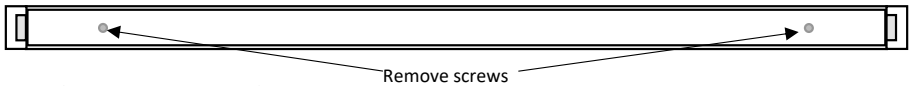


Fig 1 (single fitting shown)

- Remove the cover plate
- Mark the location of the fixing holes and drill the holes ensuring not to infringe with any joists, gas/water pipes or electrical cable
- Bring the power cable into the luminaire
- Secure luminaire to the surface
- For switched maintained operation connect the Permanent Live (brown), Neutral (blue), Earth (yellow and green) and Switched Live via the terminal connector (see Fig 2)

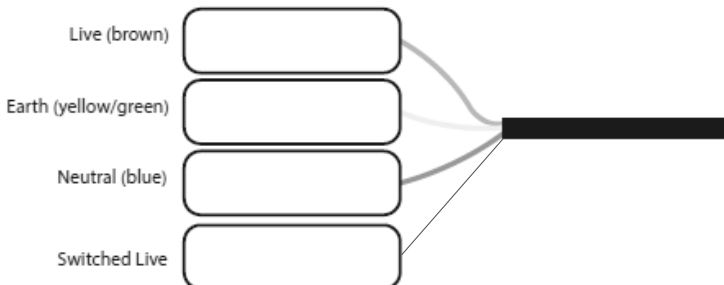


Fig 2

- Connect the battery to the inverter via the connector
- Fix the T8 holders into place at either end of the fitting and attach the top cover screws
- Fit an appropriate T8 tube by locating the pins into the lamp holders and rotating 90 degrees
- Switch on power supply and check for correct operation

ALTERNATIVE POWER SUPPLY METHOD

- The end cap can be drilled out (20mm drill bit) and a 20mm compression gland (not included) can be used (see Fig 3) to gain access to the terminal connector

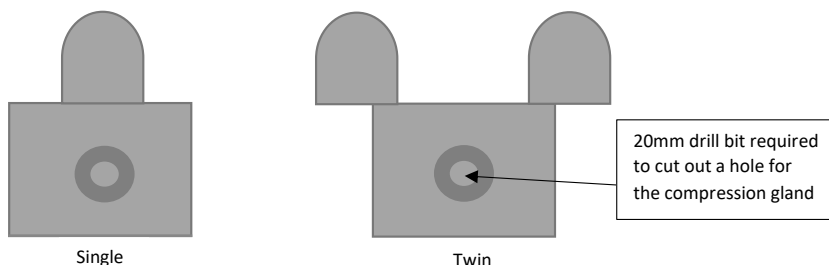


Fig 3 End cap

- Wire the mains cable as shown in Fig 2
- Switch on power supply and check for correct operation

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 product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product

WARRANTY

This product has a warranty of 1 year from date of purchase. Failure to install 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.

EMERGENCY TEST PROCEDURE

- Recommended routine test procedure in accordance with BS5266
- Daily check – check that the status GREEN LED indicator is illuminated
- Monthly functional test – simulate a mains supply failure for approx. 30 secs by operation of key switch or switching off a circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated

TEST RECORD SHEET											
		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	1 HOUR										
7	FUNCTIONAL										
8	FUNCTIONAL										
9	FUNCTIONAL										
10	FUNCTIONAL										
11	FUNCTIONAL										
12	3 HOUR										

Installed by:

Installation date:

Contact number:



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