

INSTALLATION & MAINTENANCE MANUAL
T8LED EM SERIES



230V
50Hz

IP
20



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:

T8BLED15EM, T8BLED15HLEM, T8BLED16EM, T8BLED16HLEM, T8BLED25EM, T8BLED25HLEM, T8BLED26EM, T8BLED26HLEM

SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the current 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 non-dimmable

INSTALLATION

- Provide power to the required point of installation
- Remove the end caps with the aid of a slotted screwdriver
- Remove 2 screws on top of the twin fitting (see fig 1)

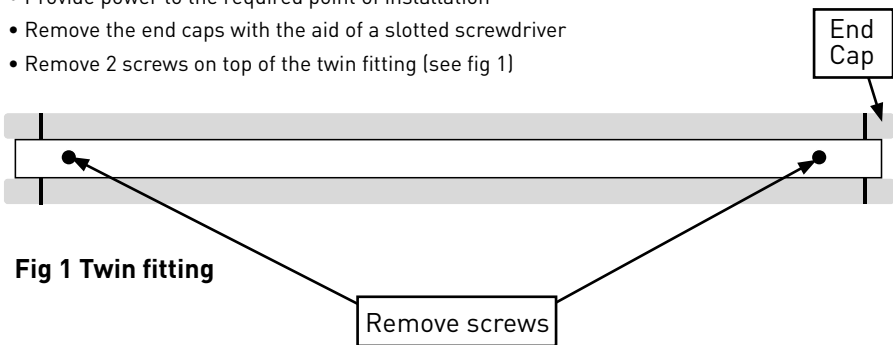


Fig 1 Twin fitting

- Remove the LED plate on the single version by pinching together under the LED plate
- Slide the LED plate off on the twin version
- Mark the location of the fixing holes and drill the holes ensuring not to infringe with any joists, gas or water pipes or electrical cables
- Bring power cable into luminaire
- Secure luminaire to ceiling
- Connect the permanent live, neutral, earth and switched live to the push fit terminals on the terminal block (see fig 2)

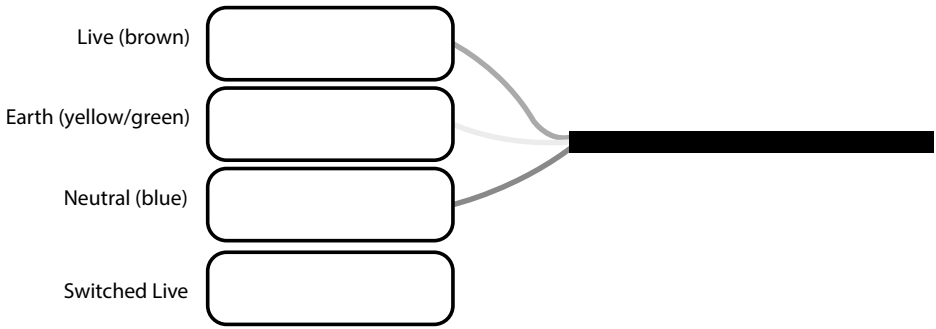


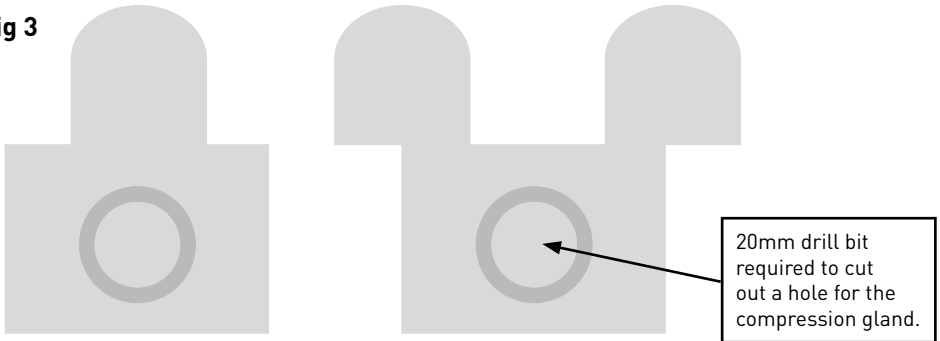
Fig 2

- Connect the battery to inverter via the connector
- Connect the secondary part of the driver to the LED via the plug and socket
- Connect the earth tab

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)

Fig 3



WARNING

This product must be disconnected from the circuit if it subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed

EM 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

- Twice yearly conduct a one hour duration test - simulate a mains supply failure for one hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated
- Annual full three hour duration test - conduct a three hour continuous duration test. Simulate a mains supply failure for three hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated
- If the luminaire fails any of the above tests, please contact a qualified electrician. See overleaf for test record sheet

GENERAL

The LEDs fitted in this product are non-replaceable. The unit 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 fitting.

WARRANTY

This product has a warranty of 5 years (excluding the 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.

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										



ML Accessories Limited
LU5 5TA

www.mlaccessories.co.uk

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