



AU-EMTRCFL - EMERGENCY CONVERSION UNIT



**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER / MAINTENANCE ENGINEER FOR FUTURE REFERENCE**

GENERAL

- This unit is for the conversion of Mains Voltage low energy lamps to emergency units
- Suitable for Mains Voltage Compact Fluorescent lamps 7W – 15W and Mains Voltage LED lamps 6W – 10W.
- Suitable for maintained or non-maintained installations
- All switching etc. must comply with BS5266 part 1 and the latest edition of the I.E.E. Wiring Regulations
- This unit requires an unswitched 230-240V mains supply to charge the battery and monitor the mains for failure
- Ensure that ALL electrical connections are tight with no loose strands, including factory connections
- Provides 3 hour duration backup with the 6V/7.0Ah battery pack
- Batteries must be charged for 24 hours to ensure full emergency duration

IMPORTANT INSTALLATION INFORMATION

- Installation should be carried out in accordance with the latest edition of the I.E.E. Wiring Regulations (BS7671). If in doubt, consult a qualified electrician
- Maximum Voltage – 240V AC.
- Before commencing installation or maintenance, ensure electricity is switched off at the mains
- The LED indicator can be mounted in a 7mm hole
- The Test Switch can be mounted in a 7mm hole

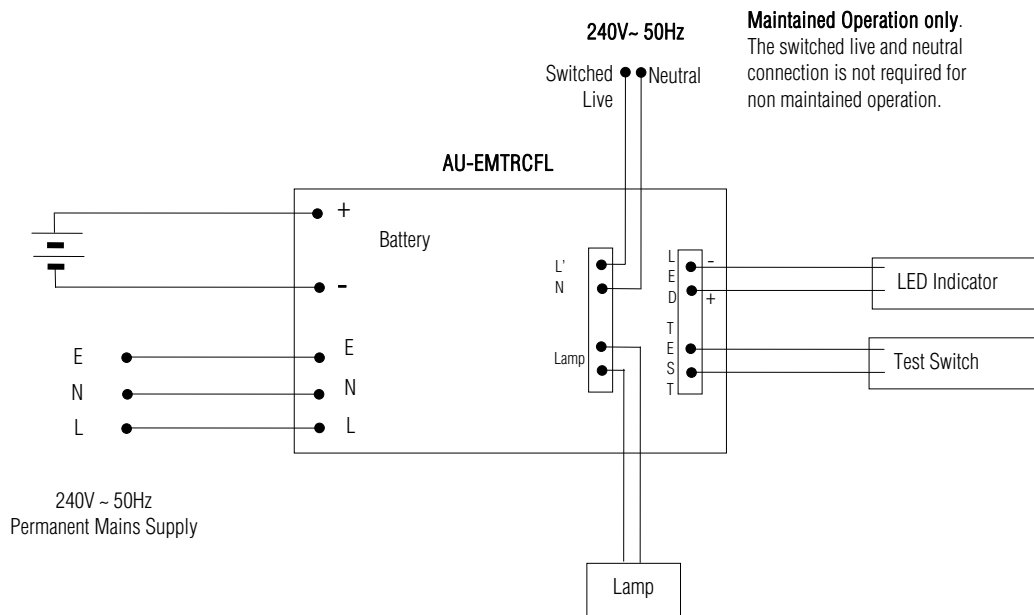
MAINTAINED INSTALLATION

- The lamp will operate as a standard luminaire and also in emergency mode
- See Diagram 1 for connection details
- Both a switched live and a permanent live mains supply are necessary for maintained operation

NON-MAINTAINED INSTALLATION

- The lamp will operate from the emergency supply **only** on failure of the mains supply
- See Diagram 1 for connection details
- A switched live connection is not required for non-maintained operation

Diagram 1



SELF TEST

20 hours after applying mains voltage a functional test is automatically run (30 sec., items checked: changeover and lamp).








After a further 4 hours, an automatic 3 hour duration test is run. (If the test button is pressed for 5 sec. before the duration test has ended, the duration test is aborted.)

Following the first duration test, regardless of whether or not this was passed, the weekly cycle of functional test and yearly cycle of duration test are automatically started.

MANUAL TEST

Test Button	Green LED	Status
Press for about 1 second	OFF	Emergency mode for 1 second
Press for about 3 seconds	Blinking	Functional test for 30 seconds
Press for about 5 seconds	Flashing	Duration test
Press again for about 5 seconds		Interruption of duration test

MEANING OF LED INDICATOR

	Mains Operation No Fault		Duration test failed
	Blinking Functional Test		Blinking Lamp / changeover fault
	Flashing Duration Test		Flashing Battery / charging fault
	Mains failure + Emergency light operation		

Environmental Protection (W.E.E.E.) – Aurora's WEEE Reg.No. WEE/BG0130YX



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GUARANTEE

This product is guaranteed in the UK for a period of 1 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Aurora does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Aurora reserves the right to alter specifications without prior notice.