



CONSTANT VOLTAGE 25W LED DRIVER



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

IMPORTANT INSTALLATION INFORMATION

- Installation should be carried out in accordance with the latest edition of the I.E.E. Wiring Regulations.
- For use with Aurora Constant Voltage LED Lamps.
- **IMPORTANT.** Constant Voltage LED lamps **MUST** be wired in **PARALLEL**.
- **PLEASE NOTE: 12V DC Output – correct polarity must be observed in order for the Constant Voltage LED Lamps to operate.**
- Before commencing installation or maintenance, ensure electricity is switched off at the mains.
- Keep the LED Driver away from direct sources of heat such as Low Voltage lamps.
- Insure that ALL electrical connections are tight with no loose strands.
- Suitable for mounting on normally flammable surfaces.
- Use the table below to assist with calculating how many LED lamps may be used with the LED Driver. Simply multiply the number of lamps by their respective wattage up to a MAX of 10W. It is possible to combine lamp types :

Lamp Type	Lamp Wattage	Min Number of Lamps per LED Driver	Max Number of Lamps per LED Driver
MR8	0.3W	2	83
MR11	0.4W	1	62
MR16	1.2W	1	20

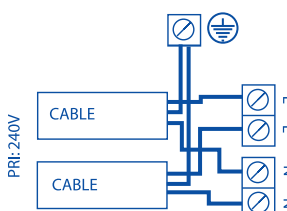
INSTALLATION INSTRUCTIONS

Isolate from the mains supply before installation or maintenance.

1. The LED driver feature loop-in and loop-out primary wiring terminals.
2. The mains supply should be connected to the Primary input terminals as follows:
 - **Black/Blue – Neutral**
 - **Red/Brown – Live**
 - **Green & Yellow – Earth.**

Input terminals.

Dual Live and Neutral terminals allow loop-in; loop-out wiring between LED Drivers



3. Do not fit the LED driver above the luminaire (see fig 1 below)
4. There are three output terminals. A maximum of 25W can be connected to one output. The 25W output can also be shared in any way over the three outputs terminals.

5. **IMPORTANT.** Constant Voltage LED lamps **MUST be wired in Parallel.** Ensure connection of the lamps to the 12V DC supply is correct. Polarity is indicated on the LED driver and on all LV LED Lamps.

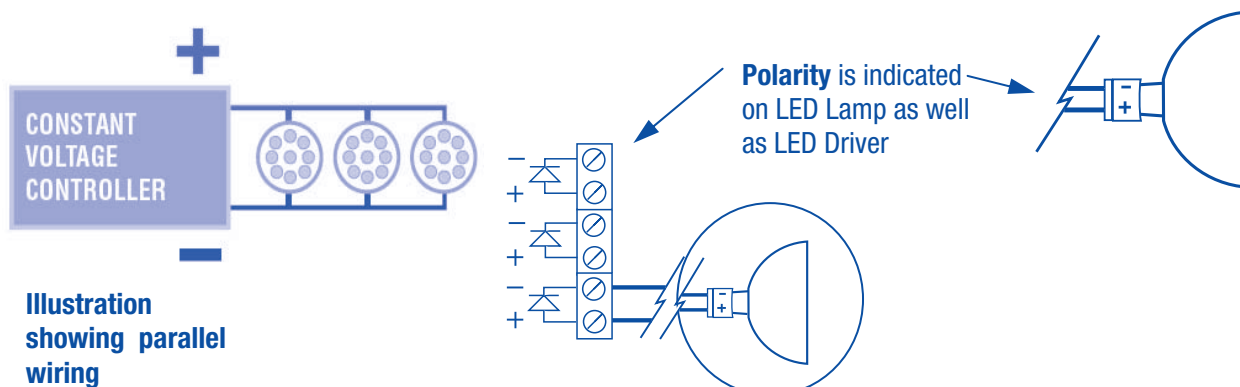
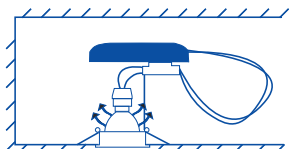
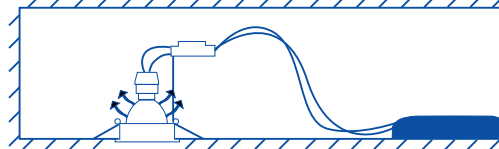


Fig.1 **INCORRECT** Installation



CORRECT Installation



GENERAL

- Aurora LED Drivers may be fitted in the same circuit as inductive loads as they feature 1.0Kv Surge protection in accordance with EN61547
- EMC compliance – EN 55015, EN 6100, EN 61547
- Safety compliance – EN 61347
- DIMMING of the LED lamps is not possible.

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



Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking (left) must not be disposed of with other household or commercial waste. Aurora does not levy any WEEE disposal charges to its customers for affected WEEE related products. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice. If, when you purchased any Aurora product, your supplier included a WEEE disposal fee, you should then contact your supplier for advice on his takeback of the product for the correct disposal.

GUARANTEE

This product is guaranteed in the UK for a period of 3 years from the date of purchase. The guarantee is invalid in the case of improper use, installation or tampering. 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.