



## LOW VOLTAGE CONSTANT VOLTAGE LED DRIVERS

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

Installation should be carried out in accordance with the latest edition of the NEC Wiring Regulations.  
For use with illuminous **constant voltage** LED products.

### IMPORTANT.

- Constant VOLTAGE LED Fittings **MUST be wired in PARALLEL** ensuring **correct polarity**. Failure to do so can cause permanent luminaire and/or driver failure.
- **PLEASE NOTE: DC Output – correct polarity must be observed in order for the Constant Voltage LED to operate**

### INSTALLATION INSTRUCTIONS

- Before commencing installation or maintenance,
- Ensure that the Driver is not covered with insulation material and has an air gap of 50mm around the driver
- Keep the LED Driver away from direct sources of heat such as Low Voltage lamps.
- Ensure that ALL electrical connections are tight with no loose strands.
- Suitable for direct mounting on or in cabinets or furniture
- Do not fit the LED driver above the luminaire

Connect the mains cable to the mains supply.

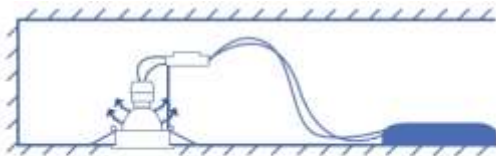
#### AC input is the 3-wire NEC color cable as marked:

- Live / Hot = BLACK
- Neutral = WHITE
- Earth = GREEN

Connect the outputs to the DC LED lamp.

#### DC output is the 2-wire as marked:

- V+ = RED = Positive
- V- = BLACK = Negative
- NOTE: if the Driver has 2 pairs of Black + Red wires, then BOTH pairs are identical, and internally connected to the same output to share the current.



Correct Installation



Incorrect Installation

### Environmental Protection (W.E.E.E.) – illuminous's WEEE

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. illuminous 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 illuminous 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 USA for a period of 2 years from the date of purchase, unless otherwise stated in current company literature. 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 National Electrical Code --- Work must be completed by a qualified electrician. 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. illuminous LLC. or any subsidiary company of illuminous LLC. does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. illuminous reserves the right to alter specifications without prior notice.

**illuminous LLC, [www.illuminous.com](http://www.illuminous.com), (727) 489 8334**