



EV-D12105-A

## LOW VOLTAGE CONSTANT VOLTAGE TRANSFORMERS

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 NEC / IEEE Wiring Regulations.
- For use with Illuminous 12V AC **constant voltage Halogen or Incandescent** products, **will NOT work with LED**

### IMPORTANT.

- Constant voltage Fittings **MUST be wired in PARALLEL**. Failure to do so can cause permanent luminaire and/or transformer failure.
- **PLEASE NOTE: 12V AC Output (Not Polarized)**

### INSTALLATION INSTRUCTIONS

- Before commencing installation or maintenance, **ensure electricity is switched off at the mains**.
- Keep the transformer away from direct sources of heat such as Low Voltage lamps.
- Insure that ALL electrical connections are tight with no loose strands.
- This transformer can be used with a dimmer on the input 110V-120V AC side. See list below for tested Dimmers.
- Suitable for direct mounting on or in cabinets or furniture
- Do not fit the transformer above the luminaire
- Ensure that the transformer is not covered with insulation material and has an air gap of 50mm around the transformer.

Connect the mains cable to the mains supply.

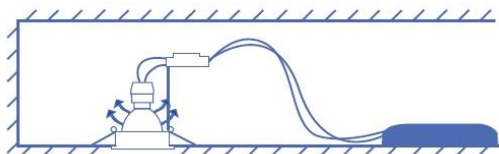
**AC input is to the 2 Wires as follows:**

- Live / Hot = BLACK
- Neutral = WHITE

Connect the outputs to the Lamp:

12V AC Halogen or Incandescent lamps.

**AC output is to the 2 x RED Wires, they are NOT Polarized**



Correct Installation



Incorrect Installation



## Compatible Dimmers

**Note: In general, most 'standard' dimmers designed for Halogen or Incandescent Bulbs will work (i.e Leading or Trailing Edge, TRIAC based 'phase' dimmers)**

Brand	Part No	Dimmer type	Country
Lutron	SKYLARK : S-600,S600P,SF-10P,SF-12P-277	Leading	USA
Lutron	MACL-153-MH, LGCL-153PLH	Leading	USA
Lutron	LG-600H	Leading	USA
Lutron	CREDENZA TT300, DVF-103P-277	Leading	USA
LEVITON	6615-P, 6633-P, IP106, 6133	Leading	USA
REV	136231	Leading	GERMANY
BUSCH	6513 U-102	Trailing	EUROPE
EVERFLOURISH	EF700DC	Trailing	GERMANY
JUNG	225 NV DE, 225TMD, 243EX, 244EX	Leading	EUROPE
ROB	L2503G2W	Leading	LIRELAND
TCL	A6, M2	Leading	CHINA
CLIPSAL	E3032HD, 32E450UDM, 32E450TM	Trailing	AUSTRALIA
PEHA	434	Leading	GERMANY
LEGRAND	A8051	Leading	FRANCE
MASANO	A6B11	Trailing	AUSTRALIA
BE LICHTREGLER	T39.01, T46		KOREA
BERKER	Tronic-Dreh Dimmer286710		GERMANY

## 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.