

Elettronica per luce s.r.l.

Powers supply for cold cathode lamps.

Via Caravaggio 26 20033 Desio

DATA SHEET Low Voltage TwoLite 900-100-K

- Available in the following versions: *Standard, Remote dimmer (0-10v)*
- Compliant with standard EN 61347-2-10 for the **L.V. Directive**
- Compliant with standard, EN 55015 3rd ed., EN 61547 for the **EMC Directive**
- **Type B** converter in accordance with EN 61347-2-10 (protection against secondary ground fault leakage is required)
- 230v. input, with 1,5 mt cable.
- Two output with 1,5 mt cable type **K**. Insulation in polyethylene and PVC. External diameter 4,5mm. Section 1mm²

Electrical data:

Input :	Tension	Volt 230 ac
	Current	Ampere 0,70 (at 230v.)
	Frequency	Hertz 50/60
	Power	Watt 90
	Cos φ	1.
	Power factor	λ 0.55
Input control :	Remote dimmer	0 volt=minimum light 10 volt=maximum light (without any connections on remote wire the light is maximum)
Output:	Tension	Volt 2 x 990 volt rms max
	Nominal load current	mA 82
	Short circuit current	mA 95
	Frequency	Hertz 24.500

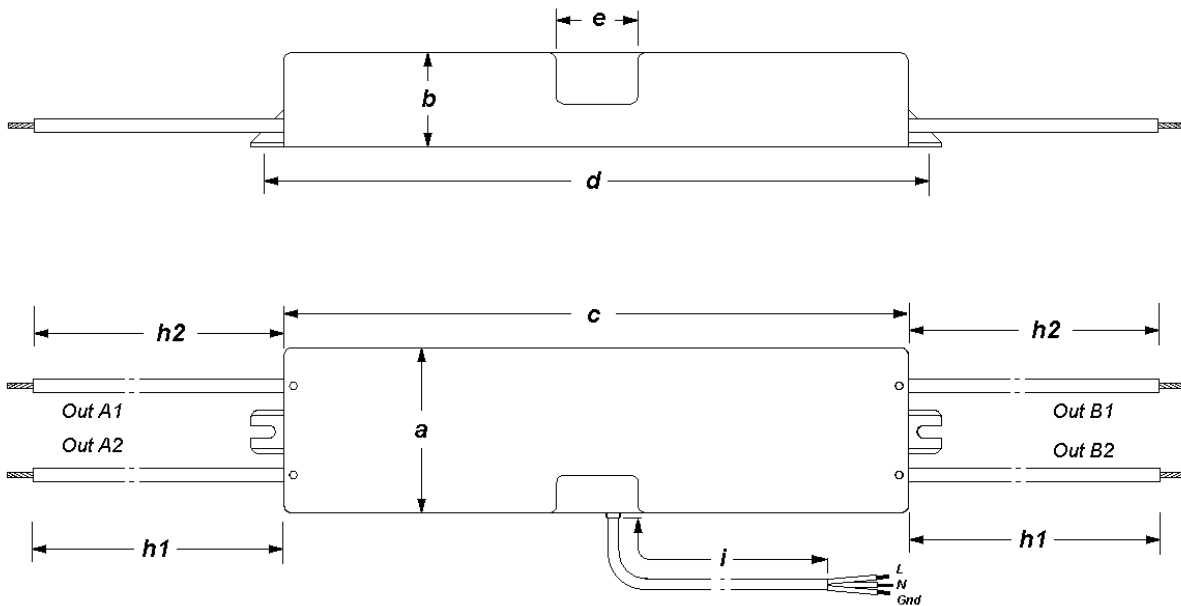
Performances:

- These power supplies are not compatible with any type of in-line flashers or dimmers.
- For dimming and flashing applications, remote dimmer or remote control converter model must be used.
- Suitable both for lamps loaded with argon + mercury gas as well as with 100% neon gas (lack of "bubble" effect and of mercury migration)
- Supplied with ***open circuit protection and ground fault protection***
- Maximum ambient temperature 40 c°

Loading: For each output, maximum one lamp.

Lenght: as per the here below mentioned chart.

	d.15mm	d.18mm	d.20mm	d.25mm
Argon	mt. 1,6	mt. 1,9	mt. 2,0	mt. 2,3



	a	b	c	d	e	h1	h2	i		weight
2 Lite	60	38	245	260	30					1.200 g

All dimensions are in mm.

INSTALLATION GUIDELINE

- **For high voltage connections use the cable connected to the transformer with no further additions.**
- The lamps shall always be installed upon isolating supports: never lay the full length of the lamps upon any surface (including wood or chalk)
- Long life and reliability of the converter is assured by connecting in each installation one or more **SurgeDefenders (in the price list)** in the vicinity of the electric panel
- The material of the supports of the lamps must be always insulating (EN 50107)
- To comply with the *electromagnetic compatibility* directive (EMC), from the output of the converter to the feeding supply, **avoid placing the feeding cable near the neon lamps and/or the high voltage cables.**

E.L. Elettronica Per Luce: Warranty conditions

Warranty by Elettronica per Luce srl is limited to faults arising from the components and from the manufacturing process.

Faults caused by external sources such as surge condition, improper use of the device and similar not complying with what depicted within the instruction for use provided by Elettronica per Luce srl, are not covered by warranty.

Elettronica per Luce srl provides a two year warranty: this two year guarantee period is from the manufacturing date mentioned on the converter.

The faulty unit shall be returned to Elettronica per Luce carriage paid.

The liability of Elettronica per Luce srl is limited to the sale price of the unit which is found faulty after the control by Elettronica per Luce srl.

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