

Project Name:	
Type:	

# LD-VU-03

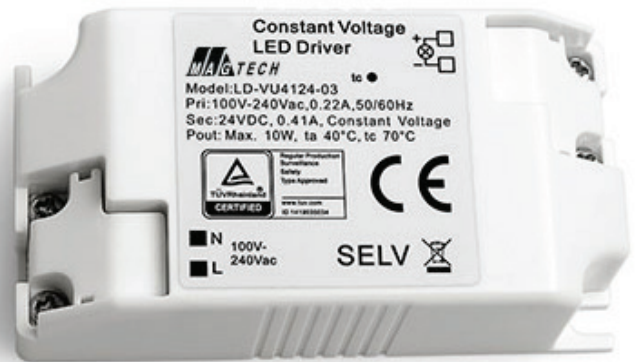
3 - 10 Watts, AC - DC Constant Voltage LED Driver

## PRODUCT FEATURE

- Universal Inout/ Full range (Up to 264VAC)
- Constant power design
- Class 2 Power Supply Unit
- Fully isolated plastic case
- 2 Year Warranty
- Protections: Over temperature/ Short circuit

## WARRANTY

- See [Limited Warranty Policy](#) for more additional information.



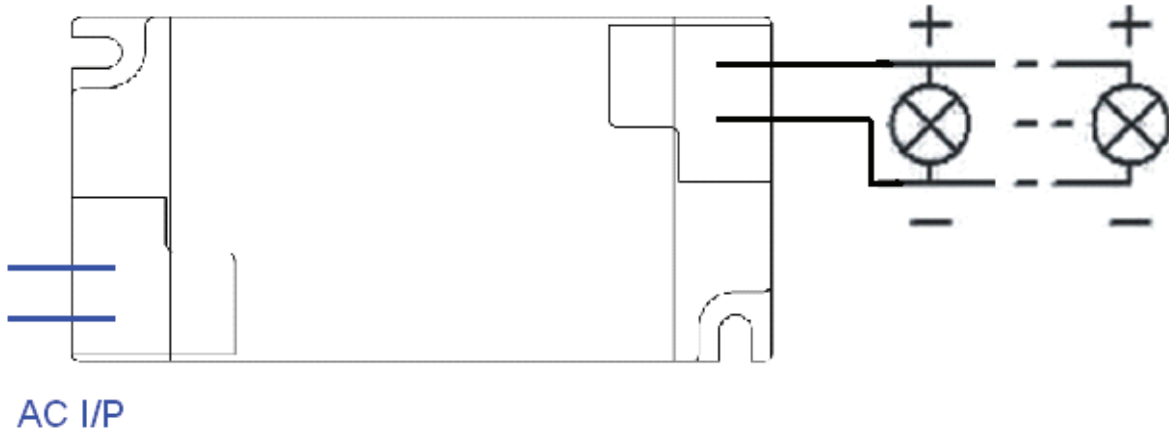
SPECIFICATIONS							
MODEL No.		LD-VU2512-03	LD-VU5012-03	LD-VU8312-03	LD-VU1224-03	LD-VU2524-03	LD-VU4124-03
INPUT	VOLTAGE & FREQUENCY RANGE	100 - 240VAC; 50Hz/ 60Hz					
	AC CURRENT (MAX)	0.25 at 115VAC/ 0.085A at 230VAC					
	POWER FACTOR	>0.48 at 115VAC/ 0.085A at 230VAC					
	INRUSH CURRENT (MAX)	17A at 240VAC	18A at 240VAC	18A at 240VAC	17A at 240VAC	18A at 240VAC	19A at 240VAC
	LEAKAGE CURRENT	<1mA/ 240VAC					
OUTPUT	DC VOLTAGE RANGE	12 ± 1V	12 ± 1V	24 ± 1V	24 ± 1V	24 ± 1V	24 ± 1V
	CONSTANT CURRENT	250mA max	500mA max	830mA max	120mA max	250mA max	410mA max
	RATED MAX POWER	3W	6W	10W	3W	6W	10W
	RIPPLE & NOISE (MAX) Note. 2	4.0 Vp-p	3.6 Vp-p	4.0 Vp-p	4.8 Vp-p	4.8 Vp-p	4.8 Vp-p
	EFFICIENCY Note. 1	70%	65%	66%	67%	75%	75%
PROTECTION	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed					
ENVIRONMENT	WORKING TEMPERATURE	-10°C - 40°C ambient operating at full load (Refer to output load derating curve)					
	WORKING HUMIDITY	20% - 90% RH non-condensing					
	STORAGE TEMPERATURE HUMIDITY	-20 - +80°C, 10% - 90% RH					
SAFETY & EMC	SAFETY STANDARDS	Meet EN61347-1, EN61347-2-13					
	EMC STANDARDS Note. 3	Meet EN55015, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547					
	WITHSTAND VOLTAGE	I/P - O/P: 3.75 KVAC					
	ISOLATION RESISTANCE	I/P - O/P: 100M ohms/ 500VDC at 25°C					
CONNECTION	INPUT	2P screw terminal block					
	OUTPUT	2P screw terminal block					
OTHERS	MTBF	100K hours min. @Ta=25°C					
	DIMENSION	86 x 45 x 26mm					
	PACKING	380 x 270 x 180mm; 100pcs/ 8.5K					
NOTES	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measure at 230V AC input, rated load and 25°C ambient temperature.</li> <li>2. Ripple &amp; Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf &amp; 47uf parallel capacitor.</li> <li>3. The power supply is considered a component which will be installed a final equipment must be re-confirmed that it still meet EMC directives.</li> </ol>						

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LED Driver

## WIRING DIAGRAM



## MECHANICAL DIMENSION

