

LD-VU 01

AC to DC Constant Voltage LED Driver
3 - 6 Watts

PRODUCT FEATURE

- Universal AC input /Full range (up to 264 VAC)
- Constant Current design
- Class 2 Power Supply Unit
- Built-in active PFC Function
- Fully isolated plastic case
- Protections: Short Circuit/ Over Temperature
- 2 Years Warranty



WARRANTY

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

SPECIFICATIONS

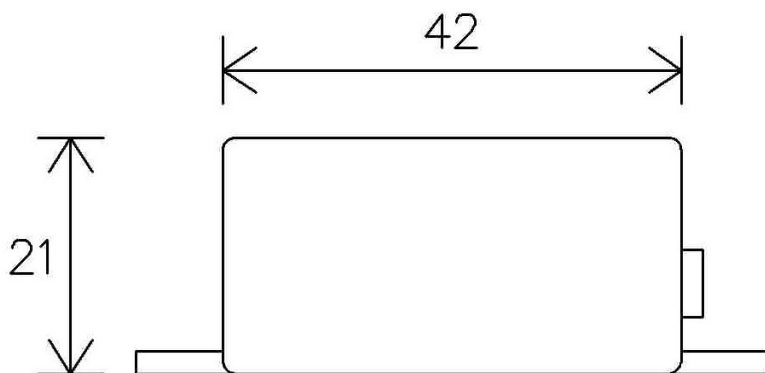
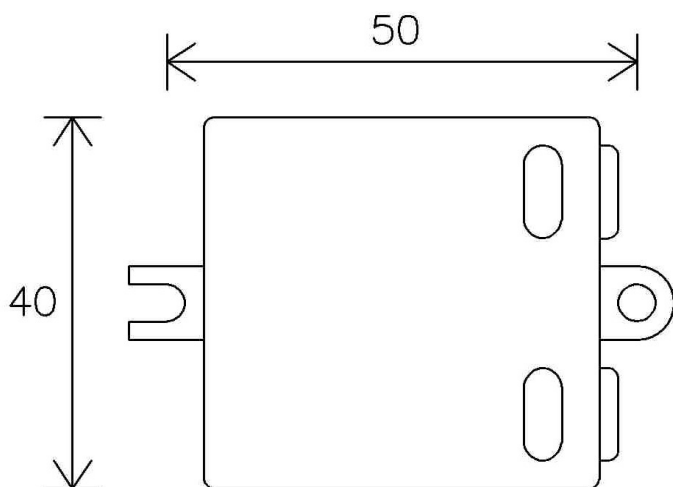
Model No.		LD-VU2512-01	LD-VU5012-01	LD-VU1224-01	LD-VU2524-01
INPUT	Voltage & Frequency Range	100 – 240VAC; 50Hz / 60Hz			
	AC Current (Max)	0.22A at 155VAC/ 0.085A at 230VAC			
	Power Factor	> 0.48 at 115Vac/ > 0.4 at 230Vac with full load			
	Inrush Current (Max.)	25A at 24Vac	20A at 24Vac	20A at 24Vac	25A at 24Vac
	Leakage Current	< 1mA/ 240Vac			
	DC Voltage Range	12 ± 1V	12 ± 1V	24 ± 1V	24 ± 1V
	Constant Current Range	250mA max	500mA max	120mA max	250mA max
	Rated Mac. Power	3W	6W	3W	6W
	Ripple & Noise (Max.) note.2	3.6Vp-p	3.6Vp-p	3.6Vp-p	3.6Vp-p
	Efficiency note.1	65%	67%	70%	75%
PROTECTIONS	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed			
ENVIRONMENT	Working Temp.	-10°C ~ 40°C ambient operating at full load			
	Working Humidity	220% ~ 90% RH non-condensing			
	Storage Temp., Humidity	20% ~ + 80°C, 10% ~ 90%RH			
SAFETY & EMC	Safety Standards	Meet EN61347-1, EN61348-2-13, UL1310			
	EMC Standards note.3	Meet EN55015,FCC PART15B, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547			
	Withstand Voltage	I/P – O/P: 3.75KVAC			
	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 (L x W x H)	42 x 40 x 21mm			
	Packing (L x W x H)/ Carton	270 x 2690 x 180mm; 100pcs/4.8Kg			
NOTE	1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature. 2. Ripple & Noise are measured at 20MHZ band with oscilloscope and with 0.1uf & 47uf parallel capacitor. 3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets.				

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Project Name:	
Type:	

MECHANICAL DRAWING



WIRING DIAGRAM:

