

LD015H-VUxxxxx-51

15W AC-DC Constant Voltage
LED Driver

PRODUCT FEATURE

- Universal AC input / Full range (up to 264VAC)
- Class 2 power supply unit
- Constant Voltage operation
- Fully isolated plastic case
- Protections: OLP/ SCP/ OTP
- 3-years warranty

UL **UL** **us** **CE** **IP67**
E345001 E345001



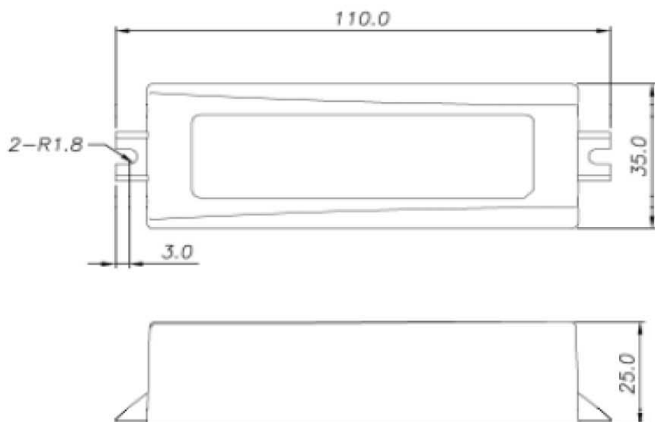
WARRANTY

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

RELATED PRODUCTS

- [36W AC-DC Constant Voltage LED Driver](#)
- [100W AC-DC Constant Voltage LED Driver](#)
- [60W AC-DC Constant Voltage LED Driver](#)
- [200W AC-DC Constant Voltage LED Driver](#)

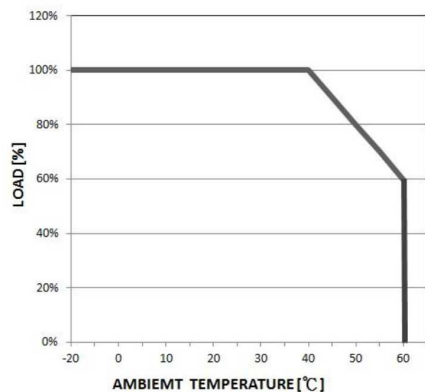
PRODUCT DIMENSION - 110 X 35 X 25MM



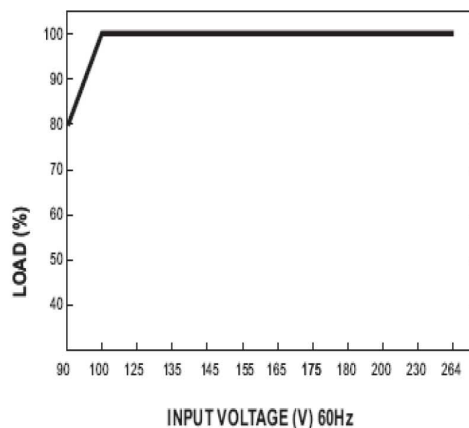
WIRING DIAGRAM



DERATING CURVE



STATIC CHARACTERISTICS



LD015H-VUxxxxx-51

15W AC-DC Constant Voltage
LED Driver

PRODUCT SPECIFICATION

Model No.		LD015H-VU12512-51	LD015H-VU06324-51	LD015H-VU04236-51	LD015H-VU03048-51
INPUT	Rated Voltage	100 – 240VAC			
	Frequency Range	50 / 60Hz			
	AC Current (Max)	0.25A at 115VAC / 0.1A at 230VAC			
	Power factor	> 0.88 at 115VAC / > 0.8 at 230VAC			
	Inrush Current (Max)	50A at 230VAC			
	Leakage Current	< 1mA / 240VAC			
OUTPUT	DC Voltage Range	12V	24V	24 – 36V	30-48V
	Constant Current Range	0~1.25A	0~0.63A	0~0.42A	0~0.3A
	Rated Max. Power	15W	15.12W	15.12W	14.4W
	Voltage Tolerance	±5%	±5%	±5%	±5%
	Ripple & Noise (Max) <i>Note.2</i>	0.18 Vp-p	0.24 Vp-p	0.36 Vp-p	0.40 Vp-p
	Efficiency <i>Note.1</i>	81%	83%	83%	84%
	Set up time (Max)	2S / 230vac at full load			
Protections	Over Current	130% - 160% Constant current limiting, auto-recovery			
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed			
	Overload Temperature	Shut down o/p voltage, recovers automatically after temperature goes down			
Environment	Operation Temperature	-20°C ~ 60°C (<i>Refer to output load derating curve</i>)			
	Operation Humidity	20% ~ 90% RH non-condensing			
	Storage Temperature	-20 ~ + 80°C			
	Storage Humidity	10% ~ 90% RH			
Safety & EMC	Safety Standards	Meet EN61347-1, EN61347-2-13 ; UL8750 refer UL1310			
	Withstand Voltage	I/P – O/P: 3.75K VAC			
	Isolation Resistance	I/P – O/P: 100M ohms/ 500VDC at 25°C			
	EMC Standards note.3	Meet EN55015			
	EMS Immunity	Meet EN61000-4-2, 3, 4, 5, 6, 11; EN61547; EN61000-3-2 Class C			
Connection	Input	UL rated, 18 AWGx 2C (150mm)			
	Output	UL rated, 18 AWGx 2C (150mm)			
Others	MTBF	200K hours min. @Ta=25°C			
	Dimension (L x W x H)	110 x 35 x 25mm			
	Packing (L x W x H)/ Carton	460 x 270 x 210mm; 100pcs/ 14Kg			
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 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.				