

### FEATURES:

- Universal Input range from 120V-277V.
- Suitable for 24V & 36V & 48V LEDs lighting application.
- With Power Factor Correction function :  $Pf > 0.9$
- Waterproof packaging: IP65 for dry and wet location
- Tc Point measured, Max case temperature: 70°C
- Protections: Short-Circuit / Over Load / Over Heat and Auto-recovery Mode
- 2 years warranty
- RoHS Compliant



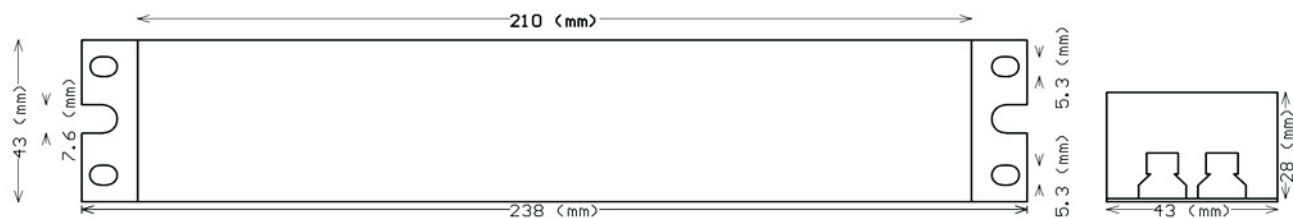
### Safety Approval:



### SPECIFICATION

Model No.		LD100H-VU42024-22	LD100H-VU28036-22	LD100H-VU21048-22
Primary	Voltage Range (VAC)	120 Vac - 277 Vac		
	Frequency Range (Hz)	50 Hz / 60 Hz		
	AC Current	1.1A@115VAC / 0.65A@230VAC		
	THD( Total Harmonic Distortion)	Less than 20% at full load		
	Max. Inrush Current	60A / 230V		
	Leakage Current	<0.5mA / 240 Vac		
Secondary	Voltage Range (VDC)	24Vdc $\pm$ 0.5V	36Vdc $\pm$ 0.5V	48V $\pm$ 0.5V
	Ripple & Noise (max.)	150mVp-p	150mVp-p	200mVp-p
	Line Regulation	$\pm$ 2%	$\pm$ 2%	$\pm$ 2%
	Load Regulation	$\pm$ 2%	$\pm$ 2%	$\pm$ 2%
	Rated Current Range (A)	3.67A Max	2.44A Max	1.83A Max
	Rated Power (W)	88W Max	88W Max	88W Max
	Efficiency (1yp.)	87%	87%	87%
Protections	Over Load	100~135% rated output power		
		Flicker: Recovers automatically after fault condition has been removed.		
Environment	Operating Temp.	-20°C ~ 50°C full load. L35		
	Operating Humidity	20% ~ 95% RH non-condensing.		
	Storage Temp. / Humidity	-20 ~ +80°C / 10% ~ 95% RH		
	Ambient Temp.	25°C at 240Vac		
	Vibration Frequency	5 to 50 HZ		
	MTBF	>100,000 Hours at full load and 25°C ambient conditions(MIL-HDBK-217F)		
Safety Approval & EMC	Safety Standards	UL, cUL T310 Class 2, TUV EN61347-1, EN61347-2-13		
	Withstand Voltage	I/P-O/P : 3750Vac		
	Isolation Resistance	I/P-O/P : >100M Ohms / 500VDC / 25°C / 70%RH		
	EMI Conduction & Radiation	Compliance to EN55015, EN55022(CISPR22) Class A		
	Harmonic Current	Compliance to 61000-3-2,3		
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11		

### Mechanical Dimension: 210Lx40Wx30H mm



### Wiring Diagram



1. Lamps must be wired in series and the maximum forward voltage shall not exceed the rated range.
2. Disconnect the mains supply before installing, Do not turn on/off from output port.
3. Parameter measured at full load 25°C ambient temperature.