



FEATURES

- Available in 12V and 24V
- Output constant voltage
- Universal AC input: 100-130VAC/170-265VAC
- Power Factor > 0.75
- High efficiency > 83%
- Protection: short circuit/over loading/Over heat
- Full protection plastic housing
- Easy installation
- IP67 design for indoor or outdoor installations
- Cooling by free air convection
- Work with leading edge and trailing edge TRIAC dimmers available
- Strong compatibility, flicker-free dimming
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lightings.

TECHNICAL SPECIFICATIONS

Model		LCPSL CODIM-12V-100W	LCPSL CODIM-24V-96W		
Output	DC Voltage	12V	24V		
	Voltage Tolerance	±0.5V			
	Rated current	8.33A	4A		
	Rated power	100W	96W		
Input	Voltage Range	100 ~ 130VAC / 170~265VAC			
	Frequency Range	47 ~ 63HZ			
	Power Factor (Typ.)	PF≥0.72/110V,PF≥0.73/170V,PF≥0.74/220V,PF≥0.75/265V			
	Efficiency (Typ.)	>83%	>83%		
	AC Current (Typ.)	0.61A/110VAC	0.58A/170VAC	0.46A/220VAC	0.41A/265VAC
	Leakage current	< 0.25mA/110VAC / 220VAC			
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed			
	Over Current	≤140VAC(90~135V) , ≤270VAC (170~265V)			
	Over Loading	≤120%			
	Over temperature	100°C±10°C (The output voltage will turn off when the temperature is higher than 100°C±10°C, after the temperature drop off ,it will recovery)			
Environment	Working TEMP.	-40 ~ +60°C			
	Working Humidity	20 ~ 90%RH, non-condensing			
	Storage TEMP. Humidity	-40 ~ +80°C , 10 ~ 95%RH			
	TEMP .coefficient	±0.03%/°C (0 ~ 50°C)			
	Vibration	10 ~ 500Hz , 2G 10min./1 cycle,period for 60min. each along X,Y,Z axes			
Safety& EMC	Safety standards	EN-60950-1, EN61347-1 EN61347-2-13			
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC			
	Isolation resistance	I/P-O/P : 100MΩ/500VDC/25°C/70%RH			
	EMC Emission	Compliance to EN55015,EN61000 -3-2 (≥ 50%load)			
Others	Net. Weight	1.30Kg			
	Size	230*70*46mm (L*W*H)			