



FEATURES

- Available in 12V and 24V
- Output constant voltage
- Universal AC input: 100-130VAC/170-265VAC
- Power Factor > 0.70
- High efficiency > 84%
- Protection: short circuit/over loading/over current/ Over temperature
- Full protection plastic housing
- Easy installation
- Cooling by free air convection
- Compatible with Forward phase,Magnetic low voltage, triac Dimmers
- Strong compatibility, flicker-free dimming, PWM output
- Suitable for LED lighting and moving sign applications and others
- Compliance to worldwide safety regulations for lighting

TECHNICAL SPECIFICATIONS

Model		LCPSL CODIM-12V-48W	LCPSL CODIM-24V-48W
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated current	4A	2A
	Rated power	48W	
Input	Voltage Range	100 ~ 130VAC / 170~265VAC	
	Frequency Range	47 ~ 63HZ	
	Power Factor (Typ.)	PF≥0.70	
	Efficiency (Typ.)	>84%	>84%
	AC Current (Typ.)	0.34A@120VAC	0.18A@220VAC
	Leakage current	< 0.70mA/110VAC / < 0.5mA/220VAC	
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
	Over Current	≤1.4*I out	
	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	UL8750+UL1310	
	Withstand voltage	I/P-O/P:1500KVAC	
	Isolation resistance	I/P-O/P : 100MΩ/500VDC/25°C/70%RH	
	EMC Emission	FCC Part 15 B	
Others	Net. Weight	0.50Kg	
	Size	178*61*24mm (L*W*H)	
	Packing	350*195*180mm 30PCS/CTN	