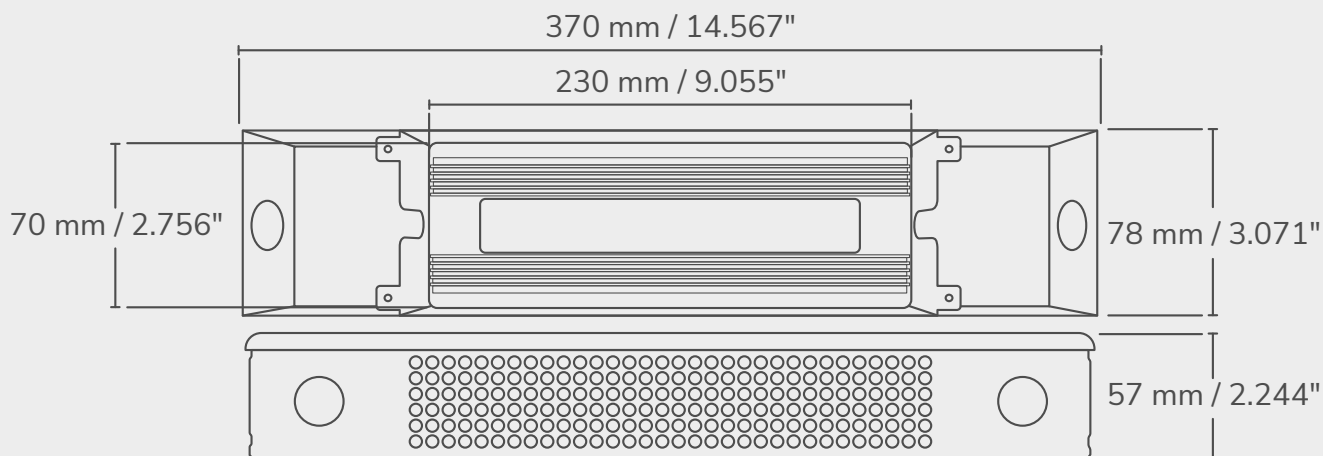




FEATURES

- 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		LCPSLCODIM-12V-100W	LCPSLCODIM-24V-96W
Output	DC Voltage	12V	24V
	Voltage Tolerance	$\pm 0.5V$	
	Rated current	8.33A	4A
	Rated power	100W	96W
Input	Voltage Range	100 ~ 130VAC / 170~265VAC	
	Frequency Range	47 ~ 63HZ	
	Power Factor (Typ.)	PF $\geq$ 0.72/110V,PF $\geq$ 0.73/170V,PF $\geq$ 0.74/220V,PF $\geq$ 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	$\leq 140VAC(90\sim 135V)$, $\leq 270VAC(170\sim 265V)$	
	Over Loading	$\leq 120\%$	
	Over temperature	100°C $\pm$ 10°C (The output voltage will turn off when the temperature is higher then 100°C $\pm$ 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	$\pm 0.03\%/^{\circ}C$ (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 : 100M Ω /500VDC/25°C/70%RH	
	EMC Emission	Compliance to EN55015,EN61000 -3-2 ($\geq 50\%$ load)	
Others	Net. Weight	1.30Kg	
	Size	230*70*46mm (L*W*H)	