

Datasheet

100 Watt DALI Constant Voltage LED Driver



Features

- Dimming function: Built in DALI interface
- Dimming range from 0.1% to 100%
- Output Constant Voltage
- Range 100-265VAC
- Built-In active PFC function
- Efficiency 87%
- Protections: short circuit/over load/ over current/ over temperature
- IP66 design for indoor or outdoor installation

CE   IP66 SELV

Model		8743869	8743878
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated Current	8.3A	4.16A
	Rated Power	100W	
Input	Voltage Range	100 – 265 VAC	
	Frequency Range	47 – 63HZ	
	Power Factor (Typ.)	PF≥0.98/220V	
	Full Load Efficiency (Typ.)	83%	85%
	Leakage Current	< 0.7mA/220VAC	
Protection	Short Circuit	Hiccup mode, Recovers automatically after fault condition is removed	
	Over Load	≤120%	
	Over Current	≤1.4*I out	
Environment	Working TEMP.	-40 - +60°C	
	Working Humidity	20 – 95% RH, non-condensing	
	Storage TEM., 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	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: 100MG/500VDC/25°C/70%RH	
	EMC EMISSION	Compliance toEN55015, EN61000-3-2 (≥50%load)	
	EMC IMMUNITY	EN61000-4-2,3,4,5,6,11 (Surge 4KV)	
Others	Weight	1.3Kg	
	Size	230*70*46mm (L*W*H)	
	Packing	324*298*176mm	

