



Features

- Three in one dimming function (0/1-10Vdc or PWM signal or resistance)
- Dimming range: 0-100%
- Universal AC input/full range 100-265VAC
- Built-in active PFC function (>0.98)
- High efficiency up to 83%
- Protections: Short circuit/Over current/ Over loading
- Fully isolated plastic case with terminals IP20
- Compliance to worldwide safety regulations for lighting

Model		ELED-45-12V	ELED-45-24V
Output	DC Voltage	12V	24V
	Voltage Accuracy	±0.5V	
	Rated Current	3.75A	1.87A
	Rated Current	45W	
Input	Voltage Range	100-265VAC	
	Frequency Range	50-60HZ	
	Power Factor (Typ.)	PF ≥ 0.98/220V	
	Full Load Efficiency (Typ.)	83%	85%
	AC Current (Typ.)	0.56A	0.56A
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
	Over Voltage	<280VAC	
	Over Temperature	100°C±10°C shut down o/p voltage, re-power on to recover	
Environment	Working TEMP	-40~+60°C	
	Working Humidity	20~95%RH, non-condensing	
	Storage TEMP, Humidity	-40~+80°C. 10~95%RH	
	TEMP Coefficient	±0.03%/°C(0~50°C)	
	Vibration	10~500Hz, 5G 12min./1 cycle, period for 72min.each along X,Y,Z axes.	
Safety & EMC	Safety Standards	EN61347-2-13, IP66	
	Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC	
	Isolation Resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70RH	
	EMC Emission	Compliance to EN55015, EN61000-3-2 (≥50%load)	
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, A light industry level	
Others	Weight	0.465Kg	
	Size	179x 60.4x 35.2mm (L*W*H)	