

81007

# Dimmable Constant Current LED Driver

## Feature:

- 5 years (2 years + 3 years) extended warranty
- Opal PC finish
- Built-in bipolar drive technology
- Only for indoor

## Technical Data:

OUTPUT	DC CURRENT	0.6-0.95A
	CONSTANT CURRENT RANGE	26-40V
	RATED POWER	44W Max
	RIPPLE & NOISE	200mV
	CONSTANT CURRENT ACC.	±5%
	LINE REGULATION	±5%
	LOAD REGULATION	±5%
	DIMMING FUNCTION	Dimmable with trailing / leading-edge dimmers
INPUT	RATED VOLTAGE	200-240VAC
	INPUT VOLTAGE RANGE	180-264VAC
	FREQUENCY RANGE	50-60Hz
	POWER FACTOR	PF > 0.9 when output load ≥ 70% at 230Vac input
	TOTAL HARMONIC DISTORTION	THD < 20% when output load ≥ 70% at 230Vac input
	EFFICIENCY (TPY.)	88%
	INPUT CURRENT	< 0.6A max/230Vac
	INRUSH CURRENT	Cold start < 50A at 230Vac
	LEAKAGE CURRENT	< 0.7mA/230Vac
	TURN ON DELAY	< 0.5S/230VAC, at full load
PROTECTION	SHOTr CIRCUIT	Constant current limiting, recovers automatically after fault condition is removed
	OVER VOLTAGE	50V
ENVIRONMENT	OPERATION TEMPERATURE	-20---45 °C
	OPERATION HUMIDITY	10---90% RH non-condensing
	STORAGE HUMIDITY	-20---80 °C, 5---95% RH
	VIBRATION	10--500Hz, 5G 12min./1cycle, period for 72min. each along X,Y,Z axes
	Tc	Tc = 85 °C (Ta = 45 °C)
PACKAGE	MTBF	500000H, MIL-HDBK-217F(25 °C)
	DIMENSION	L123*W79*H30mm
	WIGHT	0.229kg
	INPUT CONNECTION	PCB connector/orange/2PIN/0.75-1.5mm <sup>2</sup>
	OUTPUT CONNECTION	PCB connector/gray/2PIN/0.5-1.5mm <sup>2</sup>

