

Specification of LEIT8-88W1200EF 277V HO (High Lumen Output)

Product Images



LED T8 Tube/Driver Set

Model Number	LEIT8-88W1200EF-277V (4 tubes)
Driver Model Number	LEI-DR-88WT4X
Length	1200mm x D26mm
Power Consumption	88W
Power supply	External driver
Brand / the size of LED	Epistar / SMD2835 led chip
SMD LED	120
Input voltage	AC100-277V
Frequency	50/60Hz
Efficiency	130~140LM/W
CRI	>80
PF	>0.95
THD	<20%
CCT	2700-7000K
PC Cover	Frosted
Beam Angle	120 degree
End cap	G13
Certificate	DLC/cULus/CE/SAA
Total Lumens	11960@3000K; 12320@4000K; 12880@5000K
Warranty	5 years

Driver Features

- 1) 4 Channels Output (22Wx4)
- 2) Universal AC input / Full range (100-277V)
- 3) Built-in active PFC function
- 4) Protection: Short circuit / Over voltage
- 5) Class2 power unit
- 6) Three in one dimming function (1-10Vdc or PMM or resistance)
- 7) Suitable for dry / damp locations
- 8) 100% full load burn-in test
- 9) High Efficiency: 88% - 90% (typical)
- 10) 5 years warranty

Driver Specification

Model		LEI-DR-88WT4X
Output	DC Voltage	41.5 V
	Constant Current Region	26 - 41.5 V
	Rated Current	0.485 x 4A
	Rated Power	88 W
	Ripple & Noise (max.)	200 mV p-p
	Voltage Tolerance	± 10%
	Line Regulation	± 0.5%
	Load Regulation	± 1%
	Setup, Rise Time	2000ms, 200ms / 115VAC at full load; 800ms, 200ms / 277V AC at full load
	Hold Up Time (typical)	16 ms at full load
Input	Voltage Range	100-277V AC
	Frequency Range	47 - 63 Hz
	Power Factor (typical)	PF > 0.94 at full load
	Efficiency (typical)	90%
	Accurrent at 88W (typical)	0.32A
	Inrush Current (typical)	Cold start 75A at 277V AC
	Leakage Current	< 0.75 mA at 277V AC
Protection	Over Circuit	95 -110%
	Short Circuit	Protection type:Constant current limiting, recovers automatically after fault condition is removed Hiccup mode, recovers automatically after fault condition is removed
	Over Voltage	42.4 - 48V Protection Type: Shutdown output voltage, re-power on to recover
Environment	Working Temperature	-40°C ~ +60°C
	Working Humidity	20 - 95% RH non-condensing
	Storage Temperature	-40°C ~ +80°C
	Storage Humidity	10 - 95% RH
	Temperature Coefficient	±0.03% / °C (0~50°C)
	Vibration	10-500 Hz, 2G 12 min./cycle, period for 72min. Each along X, Y, Z axes
Safety & EMC	Safety Standards	Design refer to UL8750, CSA C22.2 No. 250.0-08, EN61347-1, EN61347-2-13, UL60950-1, TUV EN60950-1
	Withstand Voltage	I/P - O/P: 3.75KVAC I/P - FG: 2KVAC O/P - FG: 0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25°C/70%RH
	EMC Emission	Compliance to EN55015, EN61000-3-2 Class C; EN61000-3-3
	EMC Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547, EN55024, light industry level (surge 4KV), criteria A
Others	MTBF	300Khrs min. MIL-HDBK-217F (25°C)
	Dimension	241 x 49 x 31.4mm (L/W/H)