

## Specification of LEIT8-28W900D 347V HO (High Lumen Output)

### Product Images



### LED T8 Tube/Driver Set

Model Number	LEIT8-28W900D-347V-4000K- F (Frosted)
Length	3 foot
Power Consumption	28W
Sets	One external driver + two 3ft tubes
the size of LED	SMD2835 led chip
SMD LED	96
Input voltage	AC277-347V
Frequency	50/60Hz
Efficiency	130~140LM/W
CRI	>80
PF	>0.95
THD	20%
CCT	2700-7000K
PC Cover	Clear/Frosted
Beam Angle	120 degree
End cap	G13/R17D/Rotatable G13
Certificate	DLC/cULus/CE/SAAing
Total Lumens	3690@3000K; 3780@4000K; 3960@5000K
Warranty	5 years

## Driver Features

- 1) 2 Channels Output (18Wx2)
- 2) Universal AC input / Full range (277-347V)
- 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: 86% - 88% (typical)
- 10) 5 years warranty

## Driver Specification

Model		LEI-HDR-36WT2X
Output	DC Voltage	≤48V
	Constant Current Region	32-42V
	Rated Current	0.445 x 2A
	Rated Power (Input ,Max)	36 W
	Ripple & Noise (max.)	2-3Vp-p
	Current Tolerance	± 5%
	Load Regulation	± 1%
	Setup, Rise Time	800ms, 200ms / 277V AC at full load; 700ms, 200ms / 347V AC at full load
Input	Voltage Range	277 - 347V AC
	Frequency Range	47 - 63 Hz
	Power Factor (typical)	PF>0.95/277VAC, PF>0.90/347VAC at full load
	Efficiency (typical)	87%
	Accurrent at 36W (typical)	0.14A / 277VAC 0.11A / 347VAC
Protection	Over Circuit	Protection type : Constant current limiting.
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
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
	Vibration	10-500 Hz, 2G 12 min./1 cycle, period for 72min. Each along X, Y, Z axes
	Safety Standards	Design refer to UL8750, CSA C22.2 No. 250.13-12, EN61347-1, EN61347-2-13, UL60950-1, TUV EN60950-1
Safety & EMC	Withstand Voltage	I/P -O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P : 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	220Khrs min. (40°C)
	Dimension	241 x 49 x 31.4mm (L/W/H)
Note	X=P:36W Input power, support 1-10Vdc or PWM or resistance dimming function.	
	X=S:36W Input power, nonsupport dimming function.	