

Specification of LEIT8-36W2400EX 277V HO (High Lumen Output)

Product Images



LED T8 Tube/Driver Set

| | |
|-------------------------|------------------------------------|
| Model Number | LEIT8-36W2400EX-277V (1 tube) |
| Driver Model Number | LEI-DR-44-WT4X |
| Length | 2400mm x D26mm |
| Power Consumption | 36W |
| Power supply | External driver |
| Brand / the size of LED | Epistar / SMD2835 led chip |
| SMD LED | 240 |
| 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 | R17d / Fa8 |
| Certificate | DLC/cULus/CE/SAA |
| Lumens | 4920@3000K; 5040@4000K; 5280@5000K |
| Warranty | 5 years |

Driver Features

- 1) 4 Channels Output (9Wx4)
- 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-44WT4X |
|--------------|----------------------------|--|
| Output | DC Voltage | 42 V |
| | Constant Current Region | 26 - 41.5 V |
| | Rated Current | 0.260 x 4A |
| | Rated Power | 44 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 > 0.95 at full load |
| | Efficiency (typical) | 90% |
| | Accurrent at 44W (typical) | 0.17A |
| | Inrush Current (typical) | Cold start 75A at 277V AC |
| | Leakage Current | < 0.75 mA at 277V AC |
| Protection | Over Circuit | 95 -110% Protection type:Constant current limiting, recovers automatically after fault condition is removed |
| | Short Circuit | 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 Standards | Design refer to UL8750, CSA C22.2 No. 250.0-08, EN61347-1, EN61347-2-13, UL60950-1, TUV EN60950-1 |
| Safety & EMC | 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) |