

SPECIFICATION

Description	220-240V LED Driver,Constant Voltage Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110, independent driver	

Product Name		LT-30-24
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Input Parameters

Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	Iin	0.18A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	35W
Power Factor (Full load)	λ	0.95
THD(Full load)		≤10%
Efficiency (Full load)	η	≥87%
No-load power		≤0.5W
Inrush current		≤30.0A
Turn on time		≤500ms

Output Parameters

Output Voltage	Vout	24V±5%
Output Current (Full load)	Iout	1.25A
Output Power (Full load)	Pout	30W
Operating Frequency(Full load)	Fout	65KHz@230VAC
Ripple & Noise		≤0.5V
Load Regulation		≤5%
Line Regulation		≤5%

Ambient

Storage Temperature	ts	-20 ...+ 70°C
Operating Ambient Temperature	ta	-20 ...+ 50°C
Case Temperature at tc Point	tc	90°C
Relative humidity		5 ...85%

Protection

No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

System Parameters

Withstand voltage		3.75KVAC,I leakage<5mA,60s
Expected Life		50,000Hours

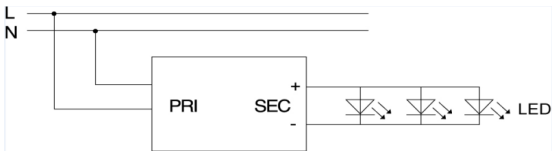
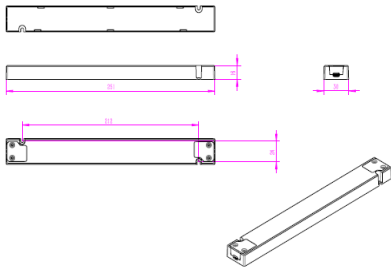
Compliances and approvals

Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

Note

1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor
3. Expected Life:tc=90°C,0.2%/1000h failure rate

Physical Parameter



Dimensions(LxWxH): 251x30x16mm
Housing Material:PC Plastic
Captured Terminal Screw for 0.75~2.5mm2