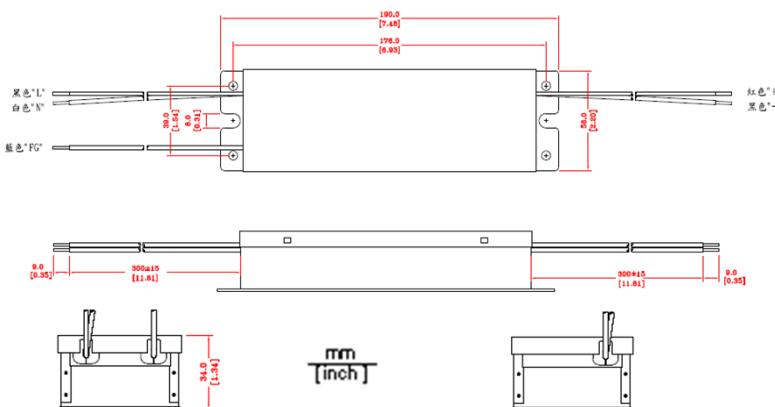


LDP100 Series-Metal

LED Driver 100W



Electrical specifications

Input

Voltage 100 - 240 Vac
Current 1.3 Arms MAX.
Frequency 47 - 63 Hz
Power factor 90% MIN.
Total harmonic distortion 20% MAX.
Efficiency..... 88% typical

Output

Voltage (Vo)..... (see table below)
Current (Io) (see table below)
Power (Po)..... 96W Max.
Working voltage for constant current (CC).... (see table below)
Maximum output voltage for no load (Vmax).. (see table below)
Hold up time..... 10ms Min. full load, Vin 100 Vac
Line regulation..... 1%
Load regulation..... 5%
Over voltage protection... Shutdown latch mode
Over current protection.... 2 steps controlled current source
Short circuit protection..... Built-in
Ripple/Noise (Vpp)..... 2% (20MHz bandwidth)

Output Electronic Specifications

Model No.	Vo	Io	Po	CC	Vmax	LED Q'ty
LDP100-240-01	24.0V	4.00A	96.0W	12-24V	27V	4-8
LDP100-360-01	36.0V	2.66A	96.0W	18-36V	39V	6-12
LDP100-480-01	48.0V	2.00A	96.0W	24-48V	51V	8-16

Features

Over voltage protection
Over current protection
PWM dimming option
Constant voltage status (0~full amperage).
Constant current status (as CC in table)
Level B EMI filter
High efficiency & High quality
MTBF 100,000hrs min. at 25'C ambient

Environmental

Operating temperature
-20'C to +60'C ambient

Storage temperature
-20'C to +80'C ambient

Environmental protection
IP64 outdoor rated

EMI

FCC class B
CISPR 15 class B

Safety

UL1310 for class 2
FCC



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