

LED Driver

Product Specifications

ANZ#: Z143g, September 25, 2009

High Power Constant Current LED Driver LP4100 Series

Total Power	96 Watts max.
Input Voltages	110 or 200-277VAC
Number of Outputs	Quad

Features :

Available with 110VAC input
 0-10V dimming available - Optional
 Quad (4) Outputs with C/C or C/V mode
 Single (1) Output with C/V is available
 IP66, NEMA 3 for dry and damp Locations
 Convection Cooled in aluminum housing
 FCC and CE compliant
 Three Year Warranty

Applications :

LED Refrigeration Application
 LED Architectural Lighting
 LED Industrial Lighting
 LED Channel Letter
 LED General Luminaire



IP66

Electrical Specification

Input

- Input Voltage Range: 100-132VAC or 200-277VAC
- Input Freq. Range: 47 ~ 63 Hz
- Efficiency: 82% typical (77% with 200-277VAC)
- THD: Less than 20% at full load
- Power Factor: > than 0.9
 (note: 200-277VAC will be available in 3Q, 2008)

Output

- Number of DC output: 4 individual output, 24-Watts maximum
- Output Voltage Range: 12-26VDC
- Output Current Range / Type: Max 880mA \pm 8% / Constant Current
- OVP: 35VDC max.
- OTP: Yes
- Dimming control: 0-10 VDC, 10.0V = 100% brightness and 1.0V = 15% brightness (output)
 (Apply to both Constant Voltage "CV" and Constant Current "CC" version)



Model Selections

Constant Current Mode				Constant Voltage Mode			
Model	Vf (VDC)	Vi (mA)	Watt Channel	Model	Output (VDC)	Output (mA)	Watt Channel
LP4100-40C350	9-40, \pm 5%	350, \pm 5%	14				
LP4100-36C700	9-36, \pm 5%	700, \pm 5%	24				
*LP4100-26C880	9-26, \pm 5%	880, \pm 5%	24	LP4100-24	24	808, \pm 5%	20
*LP4100-24C1000	9-24, \pm 5%	1000, \pm 5%	24	LP4100-12	12	1560, \pm 5%	18
				LP1100-24	24	3800, \pm 5%	96

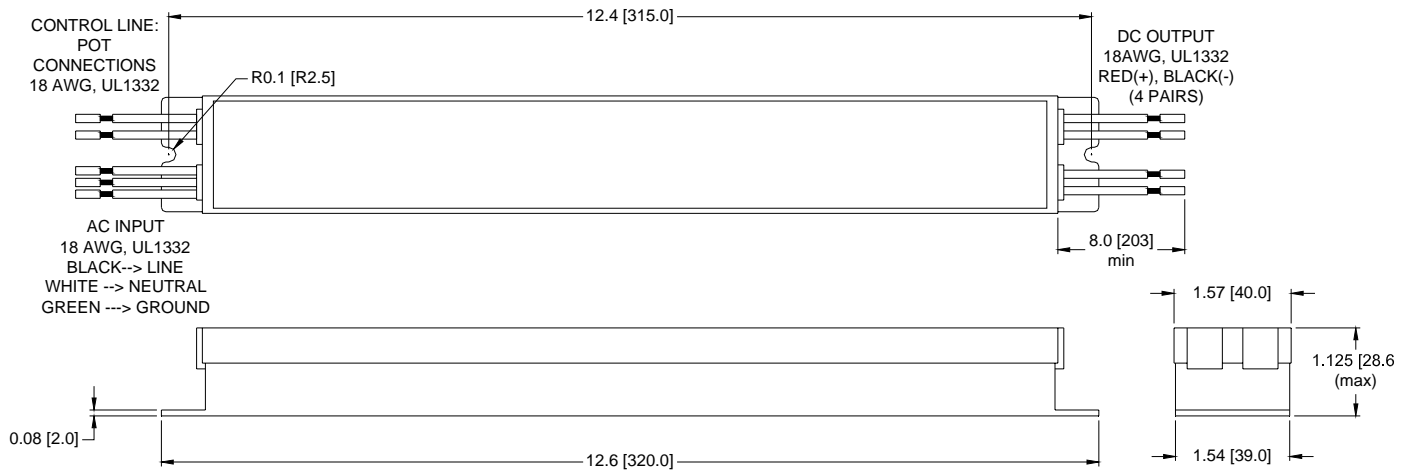
Note: " * " Product is not UL recognized at the time this specification is released.

Environment

Operational Temp.: -40 to +60 C° full load, derate 2% per C° from 60 - 70 C°.
 Storage Temp.: -40 to +80 Deg. C

Mechanical

Physical Size: 12.4" x 1.57" x 1.125" (L x W x H)



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