

LED Driver

High Power Constant Current LED Driver LP4100 Series

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

Product Specifications

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Features :

Available with 110VAC or 200-277VAC 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



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%	15				
LP4100-36C700	9-36, \pm 5%	700, \pm 5%	25				
LP4100-26C880	9-26, \pm 5%	880, \pm 5%	25	LP4100-24	24	1040, \pm 5%	25
LP4100-24C1000	9-24, \pm 5%	1000, \pm 5%	25	LP4100-12	12	2080, \pm 5%	25
				LP1100-24	24	4000, \pm 5%	96

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)

