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

ANZ#: Z143f, August 04, 2009

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

CE FC
PENDING

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 ± 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, ± 5%	350, ± 5%	15				
LP4100-36C700	9-36, ± 5%	700, ± 5%	25				
*LP4100-26C880	9-26, ± 5%	880, ± 5%	25	LP4100-24	24	808, ± 5%	20
*LP4100-24C1000	9-24, ± 5%	1000, ± 5%	25	LP4100-12	12	1617, ± 5%	20
				LP1100-24	24	4000, ± 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)