

Model: GP-LCA025-04 Series (25 Watts single output)

AC-DC Constant Current LED Drivers 700mA

Features

- Universal Input Range from 100V-240V.
- Constant Current Models.
- Suitable for High Power LEDs Lighting Application.
- Terminal Screw for Safe Connection.
- Fly Leads 20AWG 15cm for Raped Connection.
- With PFC Function.
- IP20 for Dry Location.
- Tc Point Measured, Max Case Temperature: 70°C.
- Protections: Short-Circuit / Over Load / Over Heat.
- Protection : Auto-Recovery Mode.

Approvals



Size

141 * 45 * 26 mm (L*W*H)



Specifications

Model No.		GP-LCA025-04
Output	Voltage Range (VDC)	15-25VDC
	Ripple & Noise (max.)	4Vp-p
	Line Regulation	±3%
	Load Regulation	±5%
	Rated Current Range (mA)	1000mA ± 6%
	Rated Power (W)	25W
	Efficiency (Typ.)	83%
	Hold up time	Half cycle minimum at 120V AC and 80% of rated
Input	Voltage Range (VAC)	100V-240VAC
	Frequency Range (Hz)	50 Hz / 60 Hz
	AC Current	0.4A at 115VAC / 0.2A at 230VAC
	Power Factor	>0.95 at 115VAC/ >0.9 at 230VAC with full load
	THD(Total Harmonic Distortion)	Less than 20% at full load
	Max. Inrush Current	<20A
	Leakage Current	<0.25mA / 240VAC
Environment	Operating Temp.	-20°C~40°C full load.
	Operating Humidity	20%~95% RH non-condensing
	Storage Temp. / Humidity	-20 ~ +80°C / 10% ~ 95% RH
	Ambient Temp.	25°C at 240VAC
	Vibration Frequency	5 to 50 HZ
Safety Approval	Safety Standards	CE
Others	MTBF	>100,000 Hours at full load and 25°C ambient conditions(MIL-HDBK-217F)
	Dimension(L x W x H)	141 x 45 x 26mm; 192g/pcs

Note	<ol style="list-style-type: none">1. Lamps must be wired in series, and total value of Vf should be under rated DC Voltage.2. Disconnect the mains supply before installing, do not turn on/off from output port.3. Parameter measured at full load 25°C ambient temperature.4. Two years warranty.
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Mechanical Specification

