

## Model: GP-LCXXXX-32D 48W Series

### 48W Dimmable LED Driver by 0-10V Potentiometer for High Power LED Lighting Source

#### Features

- Universal Input Range from 100V-277V.
- Constant Current Models.
- Built-in PFC Function.
- Suitable for High Power LEDs Lighting Application.
- Protections: Short-Circuit.
- Dimming Controlled at Secondary Side.
- Standard Dimmer 0-10V Electronic Potentiometer. (Part No. GL-EC013)
- Wire up to 10pcs Dimmable Dimmers. (GL-EC013 Charged Additionally)

#### Approvals



#### Size

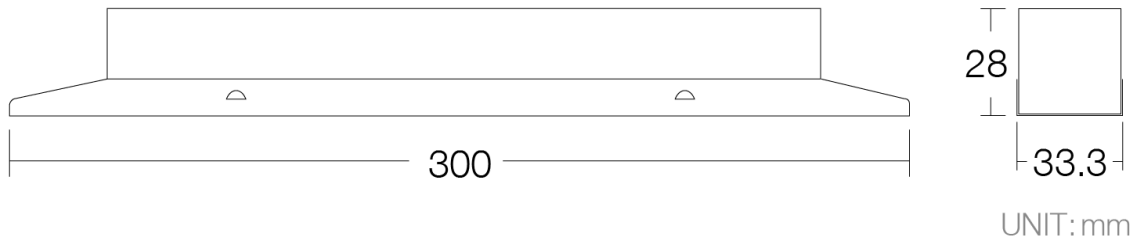
300 \* 33.3 \* 28 mm (L\*W\*H)



#### Specifications

Model No.		GP-LCD012-32D	GP-LCB024-32D	GP-LCA336-32D	GP-LCA048-32D	GP-LC6672-32D
Output	DC Voltage	12VDC	24VDC	36VDC	48VDC	72VDC
	Constant Current Voltage	8-12V	14-24V	24-36V	36-48V	48-72V
	Ripple & Noise (max.)	2.2Vp-p	2.4Vp-p	2.4Vp-p	4Vp-p	7Vp-p
	Rated Current Range (mA)	4000mA ± 6%	2000mA ± 6%	1330mA ± 6%	1000mA ± 5%	665mA ± 6%
	Rated Power (W)	48W Max	48W Max	48W Max	48W Max	48W Max
	Efficiency (Typ.)	>80%	>84%	>85%	>85%	>85%
	Dimming Control	0 -10V electronic potentiometer				
Input	Voltage Range (VAC)	100V-277VAC ± 6%				
	Frequency Range (Hz)	50 Hz / 60 Hz				
	AC Current	0.6A at 115VAC/ 0.3A at 230VAC				
	Power Factor	PF > 0.97/115VAC, PF > 0.95/230VAC, PF > 0.92/277VAC				
	Max. Inrush Current	<40A/230VAC				
	Leakage Current	<1mA / 240VAC				
Protections	Over Load	100~135% rated output power				
		Flicker: Recovers automatically after fault condition has been removed.				
Environment	Ambient Temp.	-20°C~+50°C full load .				
	Operating Humidity	20% ~ 95% RH non-condensing.				
	Storage Temp. / Humidity	-20 ~ +80°C / 10% ~ 95% RH				
	MTBF	>100,000 Hours at full load and 25°C ambient conditions(MIL-HDBK-217F)				
Safety Approval	Safety Standards	UL, cUL CE EN61347 / EN55015				
Others	Dimension(L*W*H)	300 x 33.3 x 28mm; 472.5g/pcs				

### Mechanical Specification



### Wiring Diagram



Note 1: Lamps must be wired in series, and total value of Vf should be under rated DC Voltage.

Note 2: Disconnect the mains supply before installing, do not turn on/off at secondary.

Note 3: Parameter measured at full load 25°C ambient temperature.

Note 4: 2 years warranty