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Model: 24W Series Triac Dimming

Dimmable LED Drivers - 500mA & 700mA &  
1000mA & 1200mA For Triac &  
Electronic Low Voltage Dimmers



## Features:

- Input Range From 120Vac  $\pm$  6%
- Operates with Industry Standard Dimmers, Triac & Electronic Low Voltage Dimmers
- PFC to reduce power consumption.
- Compact lightweight in plastic case.
- Designed for indoor application.
- Waterproof packaging: IP65 for dry and wet location.
- Tc Point measured, Max case temperature: 70°C
- Protections: Short-Circuit / Over Load / Over Heat and Auto-recovery Mode
- 2 years warranty
- RoHS Compliant

Safety Approval :

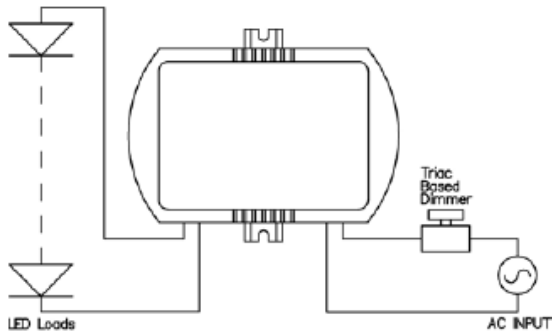


## ◆ SPECIFICATION

Model No.		GP-TLA220-15	GP-TLA024-15	GP-TL7036-15	GP-TL5048-15
Primary	Voltage Range (VAC)	120 Vac $\pm$ 6%			
	Frequency Range (Hz)	60 Hz			
	AC Current	0.24A@115VAC			
	THD(Total Harmonic Distortion)	Less than 20% at full load			
	Max. Inrush Current	< 20A			
	Leakage Current	<1mA / 120 Vac			
	Available Dimmers	<ul style="list-style-type: none"> <li>◆ Standard Light Switches</li> <li>◆ Triac based Incandescent Dimmers ( Standard phase - leading edge)</li> <li>◆ Electronic Low Voltage Dimmers (Reverse Phase - trailing edge)</li> </ul>			
Secondary	Voltage Range (VDC)	10-20 Vdc	10-24 Vdc	24-36 Vdc	20-48 Vdc
	Ripple & Noise (max.)	2.2Vp-p	2.4Vp-p	3Vp-p	4Vp-p
	Line Regulation	$\pm$ 3%	$\pm$ 3%	$\pm$ 3%	$\pm$ 3%
	Load Regulation	$\pm$ 5%	$\pm$ 5%	$\pm$ 5%	$\pm$ 5%
	Rated Current Range (mA)	1200mA $\pm$ 6%	1000mA $\pm$ 6%	700mA $\pm$ 6%	500mA $\pm$ 6%
	Rated Power (W)	24W Max	24W Max	24W Max	24W Max
	Efficiency (Typ.)	79%	82%	82.5%	79%
	Hold up time	Half cycle minimum at 120VAC and 80% of rated.			
Environment	Operating Temp.	-20°C~+70°C full load .			
	Operating Humidity	20% ~ 95% RH non-condensing.			
	Storage Temp. / Humidity	-20 ~ +80°C / 10% ~ 95% RH			
	Ambient Temp.	25°C at 120Vac			
	Vibration Frequency	5 to 50 HZ			
	MTBF	>100,000 Hours at full load and 25°C ambient conditions (MIL-HDBK-217F)			
Safety Approval	Safety Standards	UL, cUL 1310 Class 2 FCC PART15 CLASS B			

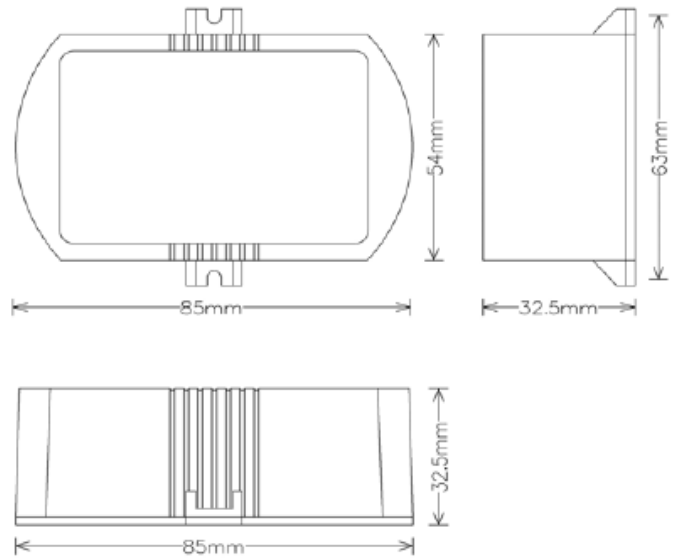
◆ **Wiring Diagram**

◆ **Mechanical Dimension: 85Lx54Wx32.5H mm**



- ◆ 1200mA/20V/24W MAX
- ◆ 1000mA/24V/24W MAX
- ◆ 700mA/36V/24W MAX
- ◆ 500mA/48V/24W MAX

◆ 120V/60Hz



◆ **Dimmer Recommended Chart**

**Manufacturer**

- LUTRON
- LUTRON
- LUTRON
- LEVITON
- LEVITON

**Dimmer Model**

- SKYLARK SELV-300P
- DIVA DVLV-600P
- DIVA DV600P
- SURESLIDE 6631
- TRIMATRON 6681

1. AC-Dimming series, a new AC/DC LED driver that operate directly from AC line dimmer and provide an isolated, Class 2 low voltage constant current to properly drive the LED luminaires.
2. Lamps must be wired in series, and total value of Vf should be under rated DC Voltage.
3. Disconnect the mains supply before installing, Do not turn on/off from output port.
4. Parameter measured at full load 25°C ambient temperature.