

# AC-DC Constant Current LED Drivers - 350mA & 700mA For High Power LED Lighting Source

**PowerPax UK**

## FEATURES:

- Universal Input range from 100V-240V.
- Suitable for High Power LEDs lighting application.
- Power Factor :  $Pf > 0.5$
- Screw Terminal for Safety connection
- IP20 For dry location
- Tc Point measured, Max case temperature: 70°C
- Protections: Short-Circuit / Over Heat



## Safety Approval:



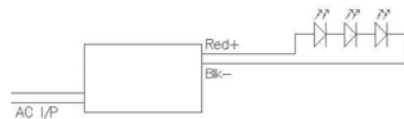
## SPECIFICATION:

Model No.		PLC3512-03	PLC3536-03	PLC7012-03	PLC7021-03
Input	Voltage Range (VAC)	100V-240Vac $\pm 6\%$			
	Frequency Range (Hz)	50 Hz / 60 Hz			
	AC Current	0.3A@115VAC / 0.15A@230VAC			
	Leakage Current	<1mA / 240 Vac			
	Max. Inrush Current	16A	20A	17A	19A
Output	Voltage Range (VDC)	3-12 Vdc	3-30Vdc	3-8 Vdc	3-21 Vdc
	Rated Current Range (mA)	350mA $\pm 6\%$	350mA $\pm 6\%$	700mA $\pm 6\%$	700mA $\pm 6\%$
	Rated Power (W)	3W Max	8W Max	6W Max	9W Max
	Numbers of LEDs	1-3pcs x 1.2W	1-8pcs x 1.2W	1-2pcs x 3W	1-3pcs x 3W
	Efficiency (Typ.)	60%	68%	55%	61%
Protections	Over Load	100~135% rated output power Flicker: Recovers automatically after fault condition has been removed.			
Environment	Ambient Temp.	-10°C~+40°C full load .			
	Operating Humidity	20% ~ 95% RH non-condensing.			
	Storage Temp. / Humidity	-20 ~ +80°C / 10% ~ 95% RH			
Safety Approval	Safety Standards	TUV / CE -- EN 61347 / EN55015			

## Wiring Diagram:

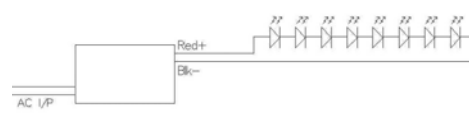
PLC3512-03

Supply up to 3pcs of 1.2W 350mA LEDs



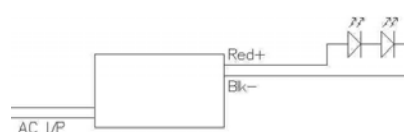
PLC3536-03

Supply up to 8pcs of 1.2W 350mA LEDs



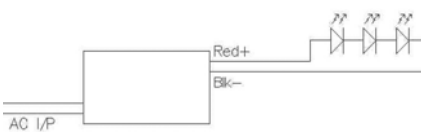
PLC7012-03

Supply up to 2pcs of 3W 700mA LEDs



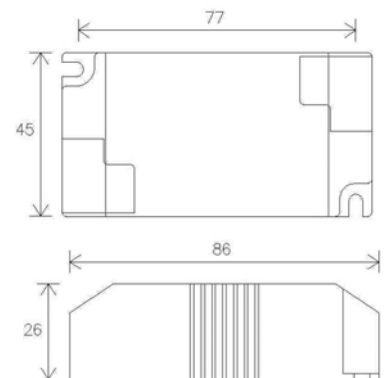
PLC7021-03

Supply up to 3pcs of 3W 700mA LEDs



## Mechanical Dimension:

**86Lx45Wx26H mm**



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 from output port.

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

Note 4: Two years warranty