



Constant Current LED Driver For Hi Power LED Light Sources



Selection Guide

Part Number	Description
LD-CU3512-06	100-240Vac/1-2W 350mA Constant Current LED Driver
LD-CU7012-06	100-240Vac/3W 700mA Constant Current LED Driver

Electrical Characteristics

Parameter	Symbol	LD-CU3512-06	LD-CU7012-06
Input Voltage	V_{in}	100V-240Vac	100V-240Vac
Input Frequency	F	50Hz/60Hz	50Hz/60Hz
Output Voltage	V_o	3-12Vdc	3-12Vdc
Output Power	P_o	1-2W	3W
Output Current	I_o	350mA $\pm 6\%$	700mA $\pm 6\%$

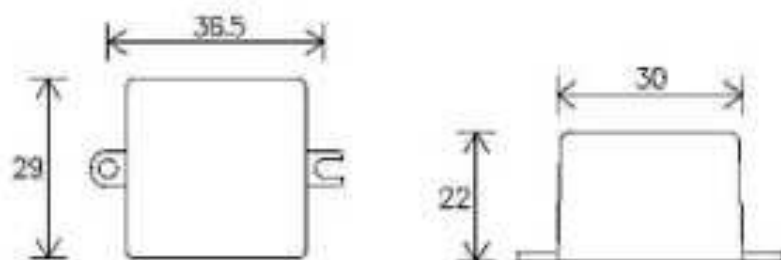
Note:

- 1.Driver work with all color of standard and custom Hi power LED Light Sources
- 2.Electrical characteristics at 25°C ambient temperature
- 3.Protection against short circuit and thermal overload
- 4.The total value of V_f should be under output voltage;can't turn on/off on the output side

Environmental Ratings

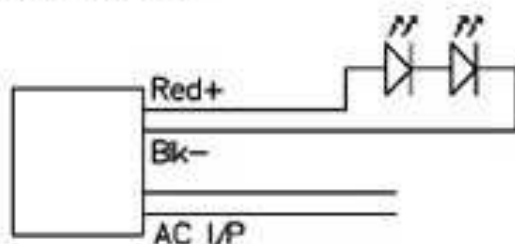
Parameter	Symbol	Minimum	Maximum
Operating Temperature	T_{op}	-10°C	+40°C
Storage Temperature	T_{st}	-20°C	+80°C

Mechanical Dimensions (mm)



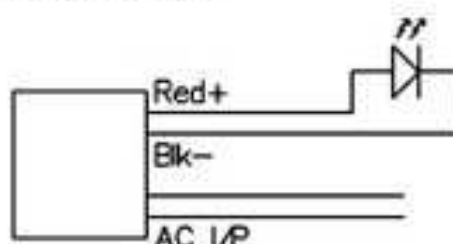
Configuration arrays when using Hi power LEDs

With the 350mA Output Current
LD-CU3512-06



To driver at 350mA/LED:
from 1 to 2 LEDs in series

With the 700mA Output Current
LD-CU7012-06



To driver at 700mA/LED:
from 1 LED in series