



Constant Current LED Driver For Hi Power LED Light Sources



◆ Selection Guide

Part Number	Description
LD-CU3503AF	100-240Vac/1-3W 350mA Constant Current LED Driver
LD-CU3536AF	100-240Vac/1-8W 350mA Constant Current LED Driver
LD-CU7006AF	100-240Vac/3-6W 700mA Constant Current LED Driver
LD-CU7021AF	100-240Vac/3-9W 700mA Constant Current LED Driver

◆ Electrical Characteristics

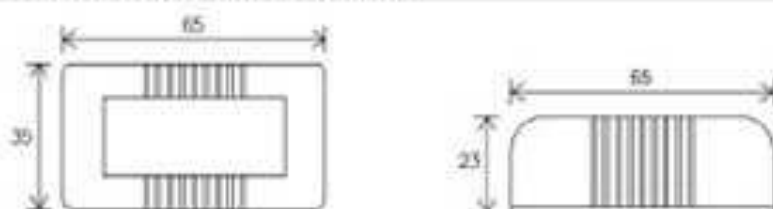
Parameter	Symbol	LD-CU3503AF	LD-CU3536AF	LD-CU7006AF	LD-CU7021AF
Input Voltage	V_{in}	100V-240Vac	100V-240Vac	100V-240Vac	100V-240Vac
Input Frequency	F	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Output Voltage	V_o	3-12Vdc	3-36Vdc	3-12Vdc	3-21Vdc
Output Power	P_o	1-3W	1-8W	3-6W	3-9W
Output Current	I_o	350mA \pm 6%	350mA \pm 6%	700mA \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 Vf should be under output voltage;can't turn on/off on the output side

◆ Environmental Ratings

Parameter	Symbol	Minimum	Maximum
Operating Temperature	Top	-10°C	+40°C
Storage Temperature	Tst	-20°C	+80°C

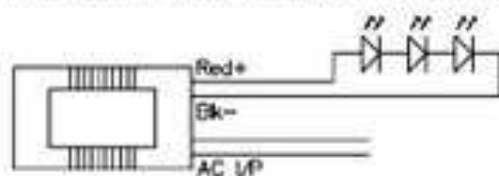
◆ Mechanical Dimensions (mm)



◆ Configuration arrays when using Hi power LEDs

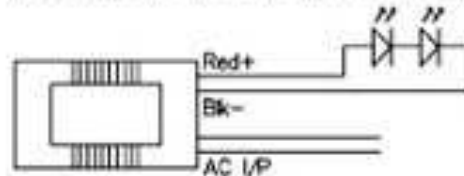
With the 350mA Output Current

LD-CU3503AF driver at 350mA/LED : from 1 to 3 LEDs in series

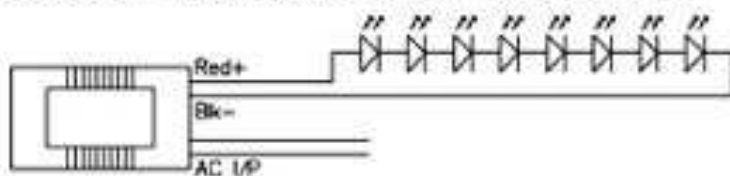


With the 700mA Output Current

LD-CU7006AF driver at 700mA/LED : from 1 to 2 LEDs in series



LD-CU3536AF driver at 350mA/LED : from 1 to 8 LEDs in series



LD-CU7021AF driver at 700mA/LED : from 1 to 3 LEDs in series

