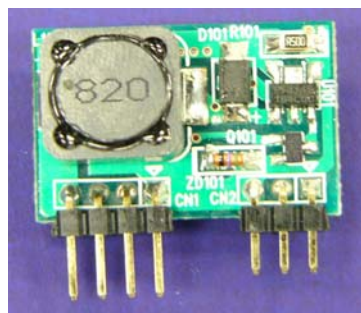
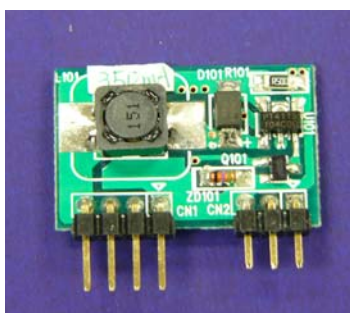


CDL Series



FEATURES

PWM Dimmable Low Voltage Constant Current LED Driver

High efficiency up to 98%

Versatile dimming control: Output can be PWM using both positive or negative logic signal up to 5KHz

Free air convection cooling

DC voltage input range: 10V - 30V DC input, for multiple LED in series

IP68 design, suitable for dry / damp / wet locations

Compliance to worldwide safety regulations for lighting

3 years warranty

output constant current programmable at factory

SPECIFICATION

INPUT	Voltage and Frequency RANGE		10V - 30V DC input		
MODEL		CDL 350	CDL 700	CDL 1050	
OUTPUT	OUTPUT VOLTAGE Range(Vo)	3V - 28V DC	3V - 28V DC	3V - 28V DC	
	MAX RATED CURRENT	350 mA	700m A	1050 mA	
	MAX RATED POWER	9.8W	19.6W	29.4W	
	Output current range (set at factory)	170 ~ 350 mA	350 ~ 700m A	700 ~ 1050 mA	
	Start-up time	Instant start , 100 uS max at specified input voltage range with output fully loaded			
	EFFICIENCY (Typ.)	95% minimum, up to 98%			
PROTECTION	OVER CURRENT	Constant current output			
	SHORT CIRCUIT	Rated current			
ENVIRONMENT	WORKING TEMP.	nominal -40 to +80 C ambient,			
	WORKING HUMIDITY	5% to 100%, non-condensing			
	STORAGE TEMP., HUMIDITY	-40 to 85 C, 5% to 95%RH			
	TEMP. COEFFICIENT	0.1% per degree C maximum			
	VIBRATION	Frequency 5 to 50 Hz, acceleration ± 7.35 M/(S*S), direction X,Y and Z Axis			
SAFETY & EMC	SAFETY STANDARDS	TBD			
OTHERS	MTBF	>100,000 hours, MIL-HDBK217E at 25 degrees C ambient.			
	DIMENSION & WEIGHT	TBD			

NOTE WIRING DIAGRAM

