

16.8W AC-DC Constant Current LED Driver with triac Dimmer



UL **cUL** **IP65** **FC**
E301933 E301933

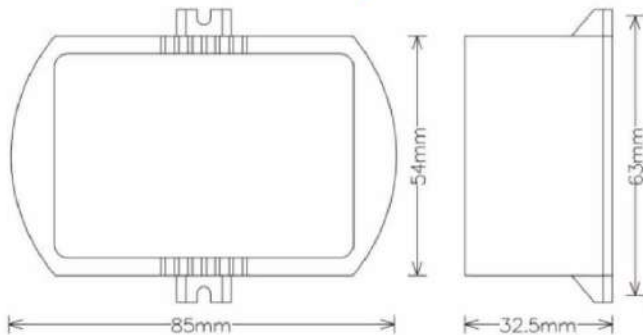
Features

- 120VAC input (up to 127 VAC)
- Constant Current design
- Class 2 Power Supply Unit
- Built-in active PFC Function
- Fully isolated plastic case
- 2 years warranty
- Protections:
 - Over current/ ■ Short Circuit ■ Over Temperature

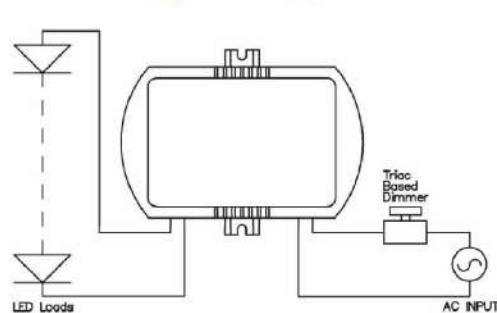
Specification

Model No.		LD015D-CA12512-15	LD015D-CA11215-15	LD015D-CA07024-15	LD015D-CA04736-15	LD015D-CA03548-15
Input	Voltage & Frequency Range	112-127VAC;50Hz/60Hz				
	AC Current (Max.)	0.24A at 120Vac				
	Power Factor	> 0.9 at 120Vac with full load.				
	Leakage Current	< 1mA /120Vac				
Output	DC Voltage Range (VF)	18-12V	10-15V	16-24V	24-36V	30-48V
	Constant Current Range	1250mA' ± 6%	1120mA' ± 6%	700mA' ± 6%	470mA' ± 6%	350mA' ± 6%
	Rated Max. Power	15W	16.8W	16.8W	18.8W	16.8W
	Ripple & Noise(Max.) note.2	2.4Vp-p	2.4Vp-p	3.6Vp-p	4.8Vp-p	7.2Vp-p
	Efficiency note.1	80%	80%	80.5%	82%	80%
Protections	Over Current	110% -120% Constant current limiting, auto-recovery				
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed				
Environment	Working Temp.	-20°C~50°Cambient operating at full load				
	Working Humidity	20% ~ 90% RH non-condensing.				
	Storage Temp.,Humidity	-20 ~ +80°C ,10% ~ 90% RH				
Safety & EMC	Safety Standards	meet UL1310				
	EMC Standards note.3	meet FCC PART15 CLASS B				
	Withstand Voltage	I/P-O/P:1.25 KVAC				
	Isolation Resistance	I/P-O/P:100M ohms / 500VDC at 25°C				
Connection	Input	UL rated,18AWGx2C(150mm)				
	Output	UL rated,18AWGx2C(150mm)				
Others	MTBF	100K hours min. @Ta=25°C				
	Dimension(L*W*H)	85 * 54(63) * 32.5mm				
	Packing(L*W*H)/Carton	487 * 352 * 230mm;100pcs/24.0Kg				
Note	1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature. 2. Ripple & Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor. 3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re - confirmed that it still meets EMC directives.					

Mechanical Specification



Wiring Diagram



Dimmer Recommended

Brand	Parts NO.
LUTRON	SKYLARK SELV-300P
LUTRON	SKYLARK S-600P
LUTRON	SKYLARK S-600
LUTRON	SUPERSLIDE 6631
LUTRON	SUPERSLIDE 6633-P