

26 series



12W AC-DC Constant Current LED Driver with Triac Dimmer



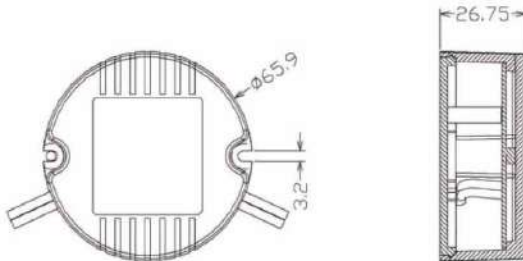
Features

- 120VAC input (up to 127VAC)
- 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

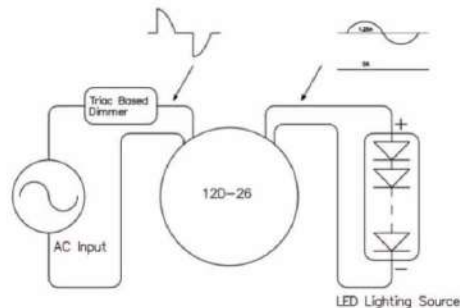
Specification

Model No.		LD012D-CA10012-26	LD012D-CA07018-26	LD012D-CA03536-26
Input	Voltage & Frequency Range	112-127VAC; 50Hz/60Hz		
	AC Current (Max.)	0.20A at 120Vac		
	Power Factor	> 0.90 at 120Vac with full load.		
	Inrush Current (Max.)	< 15A at 120Vac		
	Leakage Current	< 1mA / 120Vac		
Output	DC Voltage Range	7-12V	12-18V	24-36V
	Constant Current Range	1000mA' ±6%	700mA' ±6%	350mA' ±6%
	Rated Max. Power	12W	12W	12W
	Ripple & Noise(Max.) note.2	3.0Vp-p	3.0Vp-p	3.6Vp-p
	Efficiency note.1	81%	81%	82%
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°C ambient 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 UL8750 refer UL 1310		
	EMC Standards note.3	meet FCC PART15 CLASS B		
	Withstand Voltage	I/P - O/P:1.25 K VAC		
	Isolation Resistance	I/P-O/P:100M ohms / 500VDC at 25°C		
Connection	Input	UL rated, 18 AWGx 2C(150mm)		
	Output	UL rated, 18 AWGx 2C(150mm)		
Others	MTBF	100K hours min. @Ta=25°C		
	Dimension(L*W*H)	65.9 * 65.9 * 26.75mm		
	Packing(L*W*H)/Carton	487 * 352 * 230 mm;100pcs/15.5Kg		
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
LEVITON	SUPERSLIDE 6631
LEVITON	SUPERSLIDE 6633-P
LEVITON	IP106