

SPECIFICATION

Description	220-240V DALI Dimming LED Constant Current Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class I, IP20, thermally protected 110, built-in driver	

Product Name		LC-75D
Input Parameters		
Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	lin	0.45A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	88W
Power Factor (Full load)	λ	≥ 0.95
THD(Full load)		$\leq 15\%$
Efficiency (Full load)	η	$\geq 89\%$
No-load power		$\leq 0.5W$
Inrush current		$\leq 60.0A@200\mu S$
Turn on time		$\leq 700ms$

Output Parameters								
Output Voltage	Vout	25-71V	25-65V	25-62V	25-58V	25-53V	25-50V	23-47V
Output Current (Full load)	Iout	1050mA $\pm 5\%$	1150mA $\pm 5\%$	1200mA $\pm 5\%$	1300mA $\pm 5\%$	1400mA $\pm 5\%$	1500mA $\pm 5\%$	1600mA $\pm 5\%$
Output Power (Full load)	Pout	75W						
Operating Frequency(Full load)	Fout	80-100KHz						
Ripple & Noise		$\leq 100mA$						
Load Regulation		$\leq 5\%$						
Line Regulation		$\leq 5\%$						

Ambient		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	-20 ... + 50°C
Case Temperature at tc Point	tc	80°C
Relative humidity		5 ... 85%

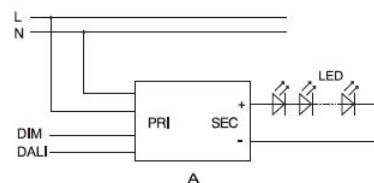
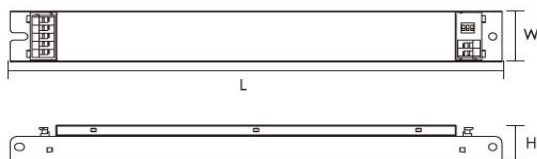
Protection		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

System Parameters		
Withstand voltage		1.5KVAC, Ileakage<5mA, 60s
Expected Life		50,000Hours

Compliances and approvals		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
3. Expected Life:tc=80°C, 0.2%/1000h failure rate

Physical Parameter



Dimensions(LxWxH): 360x31x21.5mm

Housing Material:steel

Captured Terminal Screw for 0.5~0.75mm²