

SPECIFICATION

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

Product Name	IE-75D		
Input Parameters			
Rated Input Voltage	Uin	220-240VAC	
Input Current (Full load)	Iin	0.45A	
Input Frequency	fin	50/60Hz	
Maximum Input Power	Pin	88.0W	
Power Factor (Full load)	λ	≥0.95	
THD(Full load)		≤15%	
Efficiency (Full load)	η	≥89%	
No-load power		≤0.5W	
Inrush current		≤65.0A&100us(Cold Start)	
Turn on time		≤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±5%	1150mA±5%	1200mA±5%	1300mA±5%	1400mA±5%	1500mA±5%	1600mA±5%
Output Power (Full load)	Pout	75W						
Operating Frequency(Full load)	Fout	100KHz						
Ripple & Noise		≤210mA	≤230mA	≤240mA	≤260mA	≤280mA	≤300mA	≤320mA
Load Regulation		≤5%						
Line Regulation		≤5%						

Ambient	
Storage Temperature	ts -20 ... + 70°C
Operating Ambient Temperature	ta -20 ... + 40°C
Case Temperature at tc Point	tc 85°C
Relative humidity	5 ...85%

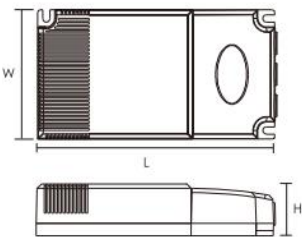
Protection	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed

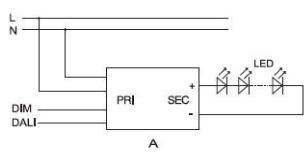
System Parameters	
Withstand voltage	3.75KVAC, Ileakage<5mA, 60s
Expected Life	50,000Hours

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): 159x79x30mm
 Housing Material:PC Plastic
 Captured Terminal Screw for 0.5~2.5mm²