

# LD015D Series

High Power Constant Current LED Driver	
Total Power	16.8 Watts max.
Input Voltages	110VAC or 230VAC
Number of Outputs	One

# Preliminary Product Specifications

ANZ#: Z164b, December 20, 2010

## SPECIAL FEATURES

- Compact size maximizes design flexibility.
- 85 (H) x 54 (W) x 32.5 (H) mm
- Fully potted, suitable for dry and damp location applications
- Phase dimmable, compatible with Standard Triac and Electronics Low Voltage Dimmers
- UL1310 Class 2 (110V) or CE compliant (230V)
- Wide selection of pre-adjusted C/C outputs

## ENVIRONMENTAL

Operating temperature:	-20 to +60 °C
Storage temperature:	-40 to +85 °C
Humidity (Non-Condensing):	5% to 95%
Cooling:	Convection
Vibration Frequency:	5 to 50 Hz
MTBF:	>100,000 Hours at full load and 25°C ambient conditions (MIL-217F)



Picture shown above is not to scale

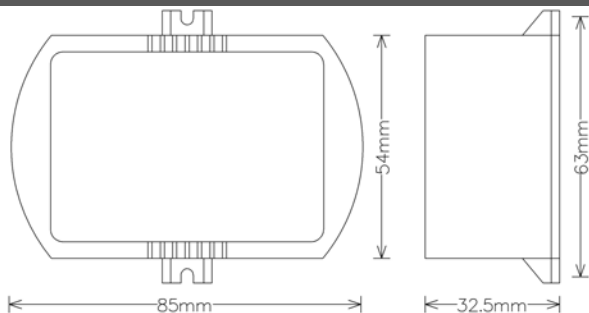
## SPECIFICATIONS :

Input Range : 110VAC or 220VAC / 0.3~0.15A /47~63Hz	Power Factor: > 0.92 at full load, 115VAC or 230VAC
DC Output Range : Refer to Model selection table	Operation Temp. : -20°C ~ +60°C , Tc : 85 °C
Efficiency : 82% Typical	Storage Temp. : -40°C ~ +85°C
Output Current Regulation : ±5%	MTBF(@25°C) : >100,000 Hours, MIL-217F
Protection : OCP, SCP, OVP – Auto Recovery	Regulation Compliance: UL1310 or EN61347, EN55015, EN61547
Dimming : Phase dimmer, leading or trailing edge	Dimension: 85 (H) x 54 (W) x 32.5 (H) mm

## MODEL SELECTION :

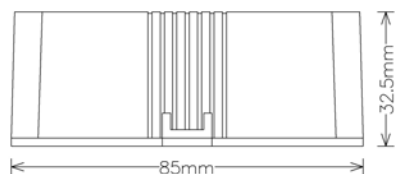
Model Number (110VAC)	DC Output (Vf)	Max. Output (mA/Watts)	Model Number (230VAC)	DC Output (Vf)	Max. Output (mA/Watts)
LD015D-CA12512-15	8 – 12 VDC	1250 / 15.0	LD015D-CE12512-15	8 – 12 VDC	1250 / 15.0
LD015D-CA11215-15	10 – 15 VDC	1120 / 16.8	LD015D-CE10516-15	10 – 16 VDC	1050 / 16.8
LD015D-CA07024-15	16 – 24 VDC	700 / 16.8	LD015D-CE07024-15	16 – 24 VDC	700 / 16.8
LD015D-CA04736-15	24 – 36 VDC	470 / 16.8	LD015D-CE04736-15	24 – 36 VDC	470 / 16.8
LD015D-CA03548-15	30 – 48 VDC	350 / 16.8	LD015D-CE03548-15	30 – 48 VDC	350 / 16.8

## MECHANICAL



## MODEL SELECTION : LDeeD-Caxxyy-dd

LD = LED Driver  
 eee = 015 Series  
 D = Phase dimmable  
 C = Constant Current Output  
 a = A: 110VAC ; E = 230VAC  
 xxx = Output Current x 10  
 yy = Output Voltage (VDC)  
 dd = Case style



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Triac - leading edge dimmers list for 120vac input work with LD015D and LD024D Drivers

<b><u>Manufacturer</u></b>	<b><u>Model</u></b>
Lutron - Skylark	S600PR
Lutron - Diva	DVSCCL-153P
Lutron - Diva	DV600PR
Leviton - Illumintech	IP106 600W

Triac - leading edge dimmers list for 230vac input work with LD015D-CE and LD024D-CE Drivers

<b><u>Manufacturer</u></b>	<b><u>Dimmer Model</u></b>
HP	ET1 53850
BUSCH-JAEGER	2247U
HPM	CAT250T
HPM	CAT400T
CLIPSAL	N032E450LM
CLIPSAL	32E450UDM