

## LV 35/220-240/700 LG L M

### General Benefits

- Ripple Free (Flicker Free with <3%)
- Better Efficiency
- High PF & Low THD
- Linear Metal Housing
- Better Reliability & Long Lasting
- Life upto 1,00,000 burning Hrs

### Application

- Linear Lights
- Down Lights

### Approvals

BIS as per IS 15885 (Part 2/Sec. 13)



Lucevita LED Power supply are with high reliability in compact housing having best surge protection, THD, Ripple Current in the industry.

Drivers generally used in Panel & Spot light application luminaires for residential, retail and Office space lighting.

# Constant Current Non Dimmable LED Driver

## Professional Series

### Product Specification Sheet

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### LV 35/220-240/700 LG L M

#### Features

Output Type	Constant Current
Dimming Type	Non Dimmable
Dimming Range	NA
IP Grade	IP 20
Insulation Class	Class I

#### Input

Rated Input Voltage	220 - 240 Vac
Operating Input Voltage	198-264 Vac
Frequency	50-60 Hz
Input Current	0.19A
Input Power	42.47W
Power Factor	≥0.99
THD	≤10%
No Load Power	< 0.5w
In Rush Current	≤18A/15us (230VAC, full load)

#### Output

Output Current	400/500/600/700mA
Output Voltage	27-54VDC
Output Power	37.8W
Constant Current Accuracy	±5%
No Load Output Voltage	60 VDC Max.
Current Ripple	±3%
Efficiency	≥91%
Number of Output Channels	1
Start Delay Time	≤0.5 Second

#### Protection

Short Circuit Protection	Auto Recovery
Overload Protection	Auto Recovery (not be hot swap)
No-load Protection	Auto Recovery
Leakage current	< 700µA, I/P to O/P @230V input
Insulation voltage	3000V 5mA 60S between P-S; 1500V 5mA 60S between P-E
Insulation resistance	>100M ohm @ 500VDC L/N to PE
Surge Protection	L/N-Ground:2kV; L-N:1kV

#### Environment

Ta/Operation Temperature	-25....+50°C
Ts/Storage Temperature	-25....+75°C
Max Case Temperature	75°C
Humidity	10%....90%RH

#### Construction

Connection Method	Push-in Terminal
Installation	Built-in
PRI Wire Preparation	0.5-1.5 ,with 8-9mm tin
SEC Wire Preparation	0.5-1.5 ,with 8-9mm tin
Dimension	230 x 29.4 x 21mm (LxWxH)

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### Standards

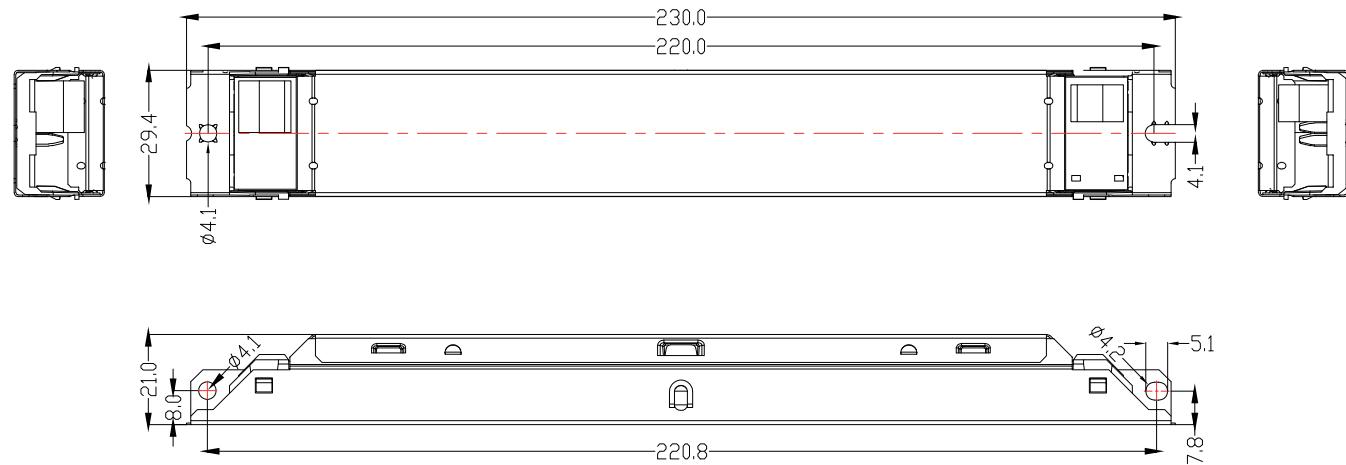
Certification		BIS/CE
Safety Standards		EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017;
Performance		EN62384

### Others

Lifetime		50,000 Hrs@Tc=75°C; 75,000 Hrs@Tc=70°C; 1,00,000 Hrs @Tc=65°C
Warranty		5 Years

### Pictorial Representation

#### 4. Dimension (Unit: mm)



### Remarks

1. All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C ambient temperature.
2. LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.
3. Warranty Mentioned is a limited warranty only to the original purchaser or to the first user @ Tc max from the date of manufacturing when properly installed and operated under normal conditions of use.
4. Please refer our website for details warranty conditions.
5. For further details, kindly refer our website. [www.lucevita.in](http://www.lucevita.in), or email [info@lucevita.in](mailto:info@lucevita.in).