

LV 55/220-240/1050 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

www.lucevita.in

LV 55/220-240/1050 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		0.27A
Input Power		63W
Power Factor		≥0.99
THD		≤10%
No Load Power		< 0.5w
In Rush Current		≤22A/16us (230VAC, full load)

Output

Output Current		800/900/950/1050mA
Output Voltage		27-54VDC
Output Power		56.7W
Constant Current Accuracy		±5%
No Load Output Voltage		60 VDC Max.
Current Ripple		±3%
Efficiency		≥90%
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

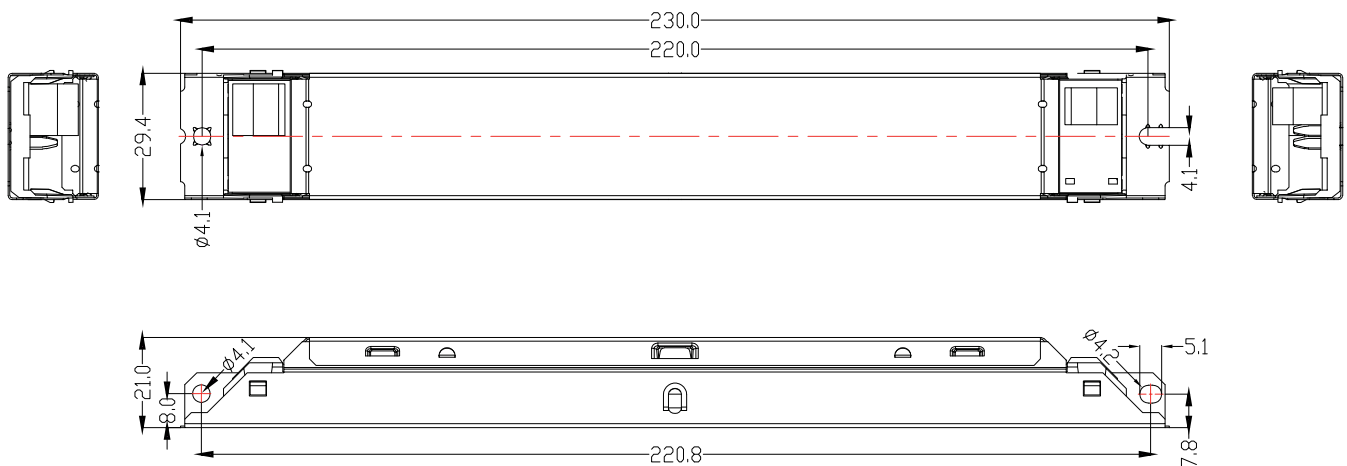
Certification	BIS/CE
Safety Standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017;
Performance	EN62384

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, or email info@lucevita.in.