

LV 40/220-240/1050 CH LG M

General Benefits

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

Application

- Down Lights
- Spot Lights
- Track 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 40/220-240/1050 CH LG M

Features

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

Input

Rated Input Voltage	220 - 240 Vac
Operating Input Voltage	198-264 Vac
Frequency	50-60 Hz
Input Current	0.25A
Input Power	43.95W
Power Factor	≥0.97
THD	< 15%
No Load Power	< 0.5w
In Rush Current	≤9.4A/16us (230VAC, full load)

Output

Output Current	850/900/1000/1050mA
Output Voltage	20-42VDC (850-900mA); 20-40VDC (1000mA); 20-38VDC (1050mA)
Output Power	40W
Constant Current Accuracy	±5%
No Load Output Voltage	59 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
Insulation resistance	>100M ohm @ 500VDC
Surge Protection	L/N-Ground:4kV; L-N:2kV

Environment

Ta/Operation Temperature	-20....+50°C
Ts/Storage Temperature	-20....+85°C
Max Case Temperature	85°C
Humidity	10%....90%RH

Construction

Connection Method	Push-in Terminal
Installation	Built-in
PRI Wire Preparation	PVC,VDE certificated,0.5-1.5 ,with 8mm tin
SEC Wire Preparation	PVC,VDE certificated,0.5-1.5 ,with 8mm tin
Dimension	97.5 x 44 x 23mm (LxWxH)

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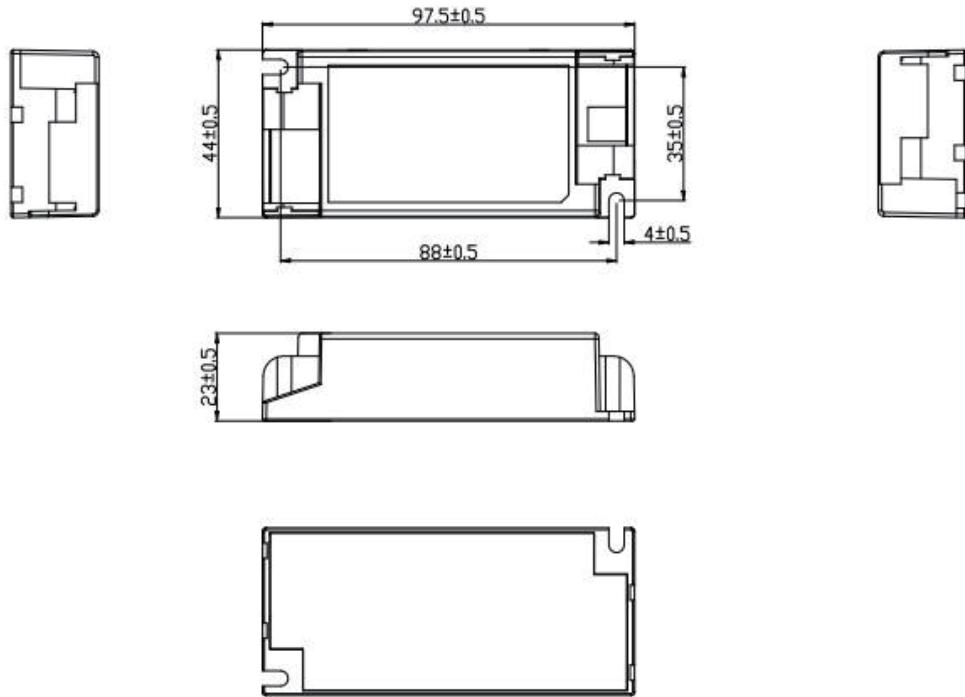
Standards

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

Others

Lifetime	50,000 Hrs@Tc=85°C; 75,000 Hrs@Tc=80°C; 1,00,000 Hrs @Tc=75°C
Warranty	5 Years

Pictorial Representation



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.