

LV 20/220-240/500 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

www.lucevita.in

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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		0.15A
Input Power		22.5W
Power Factor		≥0.94
THD		< 15%
No Load Power		< 0.5w
In Rush Current		≤7.0A/16us (230VAC, full load)

Output

Output Current		300/350/400/500mA
Output Voltage		20-42VDC (300-400mA); 20-40VDC (500mA)
Output Power		20W
Constant Current Accuracy		±5%
No Load Output Voltage		59 VDC Max.
Current Ripple		±3%
Efficiency		≥85%
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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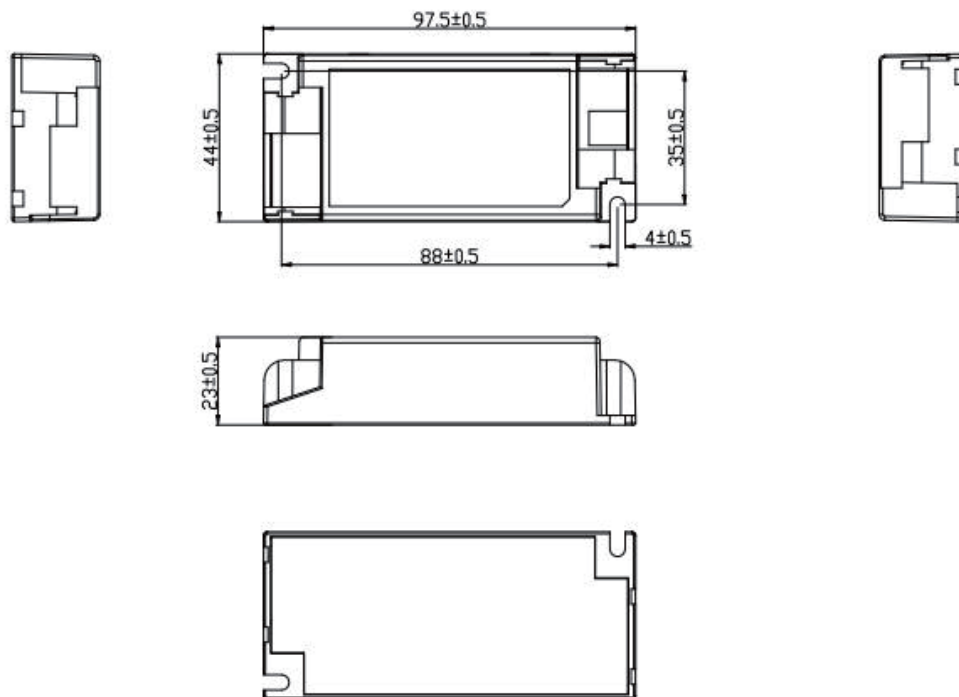
Standards

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.