

LV 30/220-240/800 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

LUCEVITA
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www.lucevita.in

LV 30/220-240/800 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 | 0.21A |
| Input Power | 32.88W |
| Power Factor | ≥0.95 |
| THD | < 15% |
| No Load Power | < 0.5w |
| In Rush Current | ≤8.9A/16us (230VAC, full load) |

Output

| | |
|---------------------------|--|
| Output Current | 500/600/700/800mA |
| Output Voltage | 20-42VDC (500-700mA); 20-37VDC (800mA) |
| Output Power | 30W |
| Constant Current Accuracy | ±5% |
| No Load Output Voltage | 59 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 |
| 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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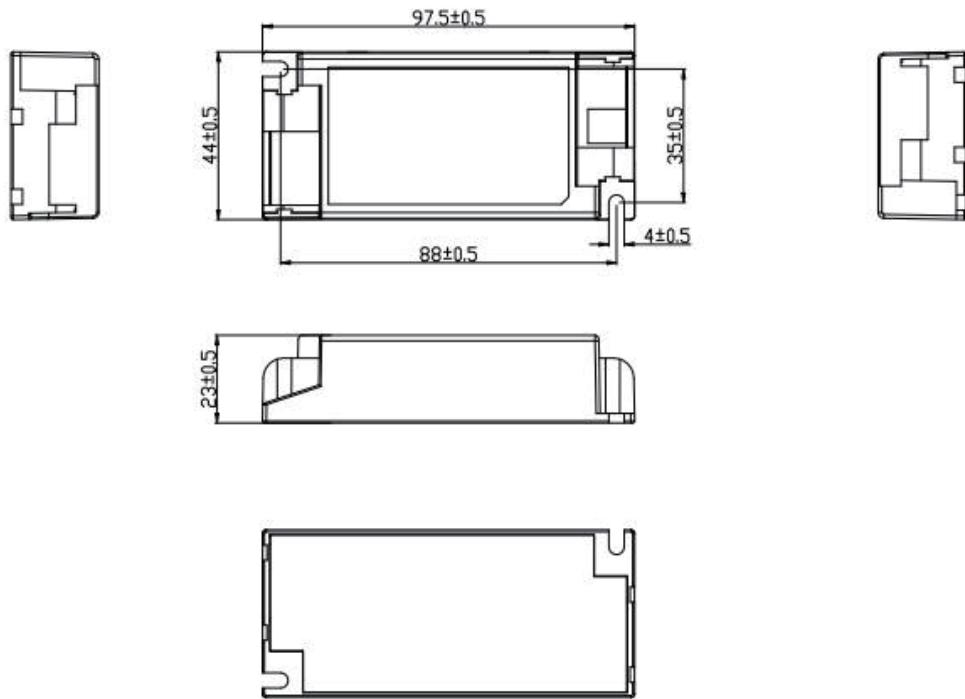
Standards

| | |
|------------------|--|
| 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.