

## LVA 18/220-240/400 LG CH

### General Benefits

- Ripple Free (Flicker Free with <5%)
- Better Reliability with high Tc
- High Power Factor
- Life upto 50,000 burning Hrs



### Application

- Down Lights
- Spot 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 Analog Dimmable LED Driver

## Professional Series

### Product Specification Sheet

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#### Features

Output Type	Constant Current
Dimming Type	1-10V
Dimming Range	10%-100%
IP Grade	IP 20
Insulation Class	Class II

#### Input

Rated Input Voltage	220 - 240 Vac
Range of Input Voltage	198-264 Vac
Frequency	50-60 Hz
Input Current	≤0.22A (198VAC, full load)
Input Power	≤43W (230VAC, full load)
Power Factor	≥0.92 (230VAC, full load)
THD	≤20% (230VAC, full load)
No Load Power	≤ 0.5W @ 230VAC
In Rush Current	≤25A/2.4us (230VAC full load)

#### Output

Output Current	250/300/350/400mA
Output Voltage	30-42VDC
Output Power	35.7W
Constant Current Accuracy	±5%
No Load Output Voltage	59 VDC Max.
Current Ripple	±3% (Imax-Imin) / (Imax+Imin)
Efficiency	≥80%
Start Delay Time	≤0.5 Second (230VAC, full load)

#### Protection

Short Circuit Protection	Auto Recovery
Overload Protection	Auto Recovery
No-load Protection	Auto Recovery
Leakage current	I/P to O/P < 250µA
Insulation voltage	I/P to O/P , 3KVac/1min
Insulation resistance	>100M ohm @ 500VDC
Surge Protection	L-N/1KV

#### Environment

Ta/Operation Temperature	18W,21W,33W,35W : -25...+50°C
Ts/Storage Temperature	-10....+75°C
Tc/ Enclosure Temperature	75°C
Humidity	10%....90%RH
Atmosphere	86-108KPa

#### Construction

Connection Method	Push-in Terminal
Installation	Built-in & Independent
PRI Wire Preparation	0.75-1.5□
SEC Wire Preparation	0.5-1.5□
Dimension	Independent:137.6*44*30mm (L*W*H) Built in:97.8*44*30mm(L*W*H)

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#### Standards

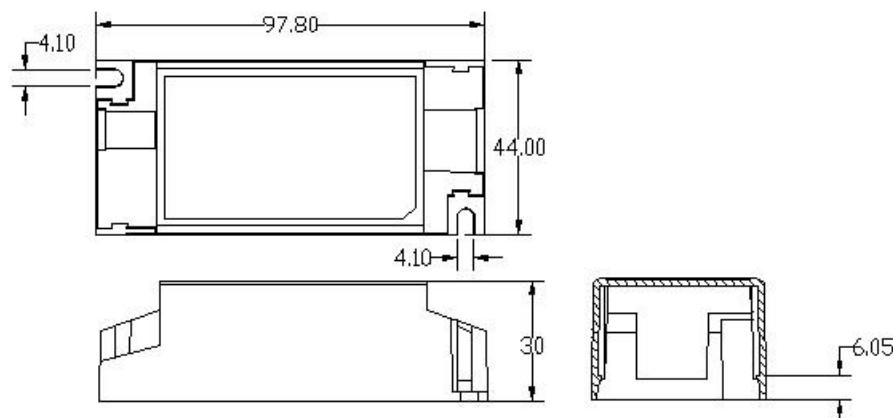
Certification	Complied to CE ENEC SAA
Safety Standards	EN61347-1:2015,EN61347-2-13:2014/A1:2017, EN61347-1:2015,EN61347-2-13:2014/A1:2017, AS/NZS 61347.1:2016
EMC Standards	EN55015:2013/A1:2015,EN61000-3-2:2014, N61000-3-3:2013,EN61547:2009
Performance	EN62384

#### Others

RoHS	Complied to 2011/65/EU
Lifetime	50,000 Hrs@Tc=50°C (Ta) / 85°C (Tc)
Warranty	3 Years, F.R. <10000ppm

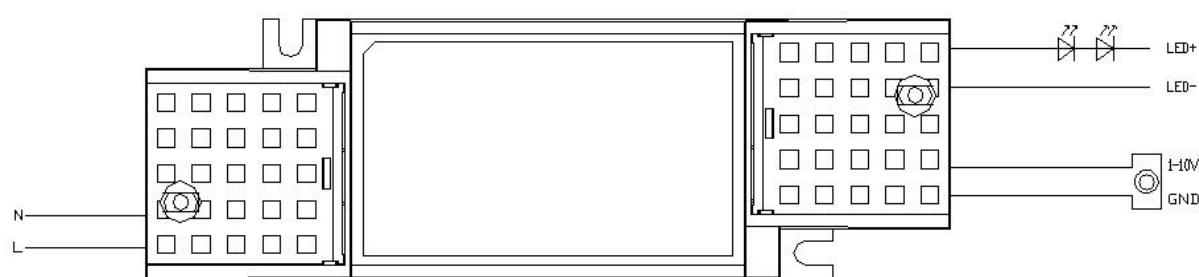
#### 3. Dimension (Unit, mm)

Independent type:

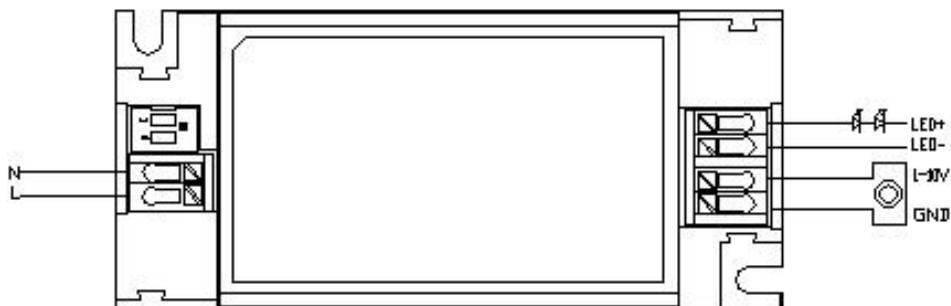


#### 4. Wiring Diagram

Independent type



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### 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).