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## **LVT 20/220-240/500 CH LG**

### **General Benefits**

Triac Dimmable LED Driver  
Adjustable constant current via  
Dip-Switch  
Smooth dimming Light Output  
10% - 100% Dimming Range  
Life - 50,000 Hrs  
3 Years Warranty

### **Application**

Down Lights  
Spot Light

### **Approvals**



R-XXXXXX

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 Triac Dimmable LED Driver

## Product Specification Sheet

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### LVT 20/220-240/500 CH LG

#### Parameters

##### Input

Voltage (Un)		240 VAC
Operating Voltage Range		100 ~ 300 Vac
Frequency (Hz)		50 / 60 Hz
Maximum Input Current		0.09A
Input Power (W)		15W max
Power Factor (PF)		> 0.95
Inrush current Protection		Yes
Current Harmonics (Atdh)		< 10%
Driver Life		>50000 Hrs

##### Output

Over Current Protection		Yes
Thermal Protection		Yes
No-Load Protection		Yes
Short circuit protection		Yes
Transformer saturation protection		Yes
Max Output Current		350/400/450/500mA (Tole +/-3%)
Output Voltage		22V-40V
Output Power (W)		20zz zzW max
Surge Withstanding Capacity		Yes
Efficiency		85%

##### Dimming

Dimming Type		Phase Cut (Triac dimming)
Dimming technique		Amplitude
Dimming range		10% to 100%
Lowest Dimming current		-7%
PWM frequency		N/A

##### Environment & Protection

Storage Temperature		-30°C ... 70°C
Ambient Operating Temperature Range		-20°C ... to 50°C
Max. Case temperature (Tc)		90°C
Input Surge Protection		4kV

##### Mechanical Details

Weight		40gm
Length W/Mount		80mm
Center to Center (CTC)		77mm
Width		42mm
Height		23mm
Case Material		PC
Wiring Diagram		On Screen
Input / Output Terminals		Push Type Connector

# Constant Current Triac Dimmable LED Driver

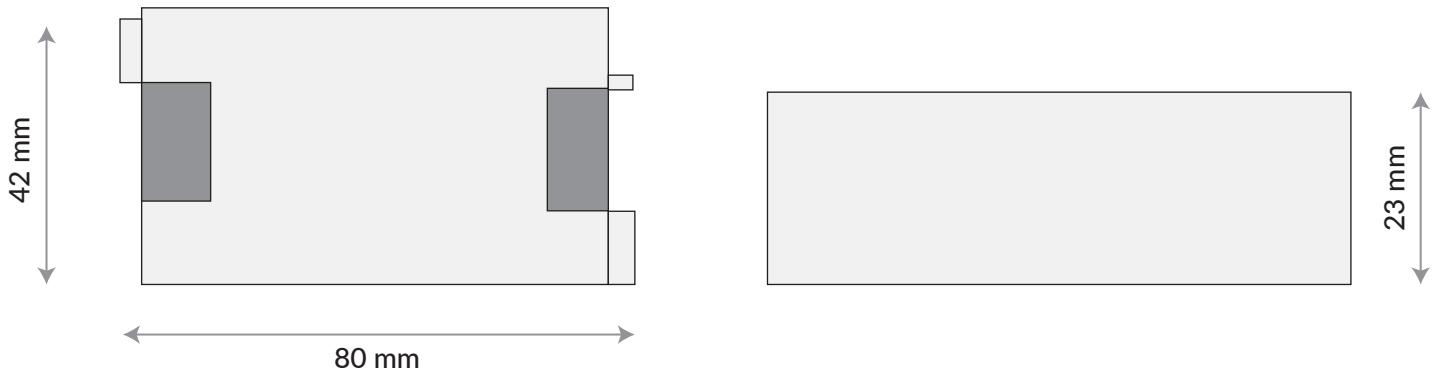
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### Pictorial Representation



#### 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](http://www.lucevita.in), or email [info@lucevita.in](mailto:info@lucevita.in).