

LVT 15/220-240/350 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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Parameters

Input

Voltage (Un)		240 VAC
Operating Voltage Range		100 ~ 300 Vac
Frequency (Hz)		50 / 60 Hz
Maximum Input Current		0.06A
Input Power (W)		15W max
Power Factor (PF)		> 0.95
Inrush current Protection		Yes
Current Harmonics (Atdh)		< 20%
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		220/250/300/350mA (Tole +/-3%)
Output Voltage		25V-38V
Output Power (W)		13W 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

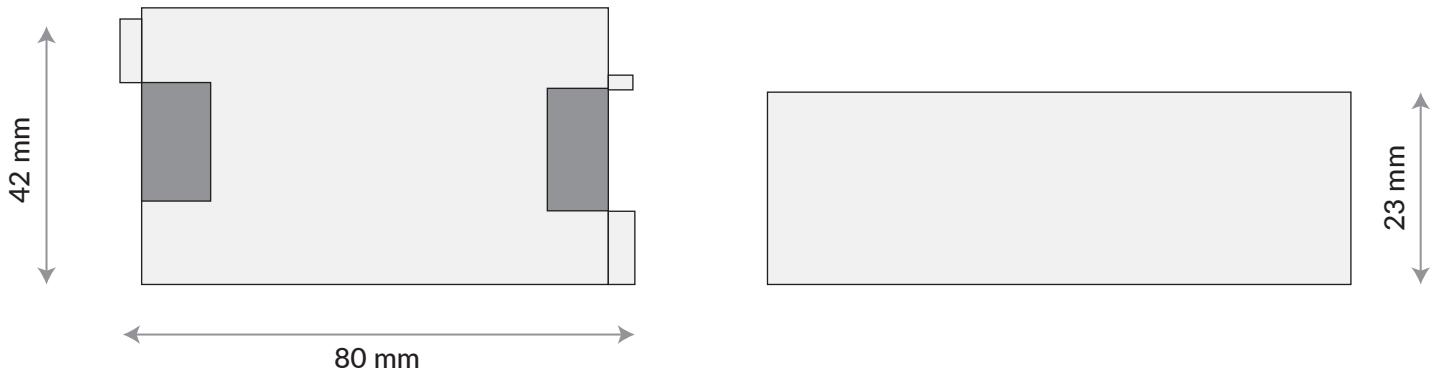
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Pictorial Representation



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, or email info@lucevita.in.