

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



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

www.lucevita.in

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 (Athd)	< 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 (Tol +/ -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

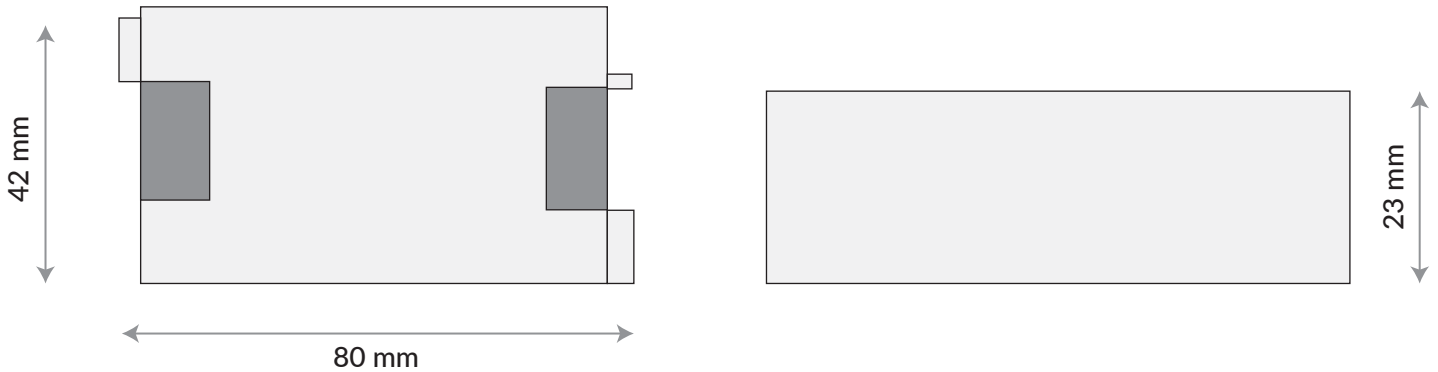
Storage Temperature	-30°C ... 70°C
Ambient Operating Temperature Range	-20°C ... to 50°C
Max. Case temperature (Tc)	90°C
Input Surge Protection	4kV

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

LVT 20/220-240/500 CH LG

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.