

LV 50/220-240/700 CH65

General Benefits

- Compact Design
- IP 65
- High Surge Withstanding Capacity
- High Voltage Withstanding Capacity
- High Durability
- Long Life



Application

- Street Light
- Flood 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 Street light & Flood light luminaires for outdoor lighting application.

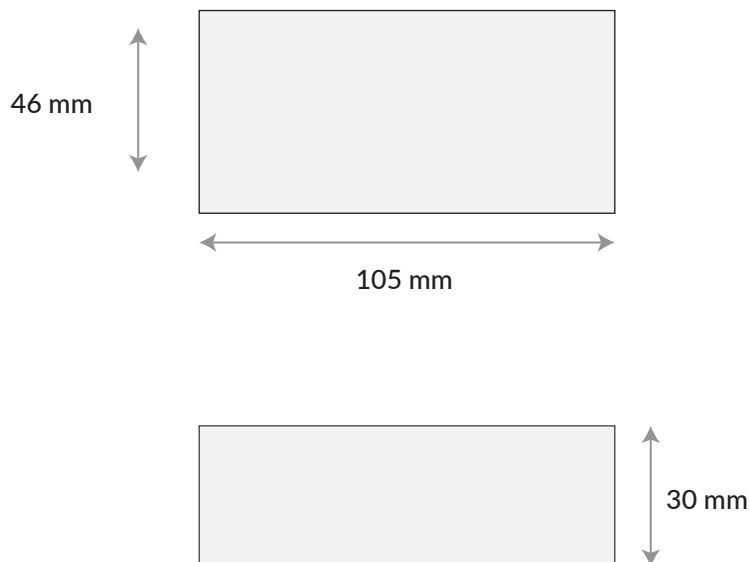
LV 50/220-240/700 CH65

Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	NA
	Insulation Class	CLASS-II
	IP Rating	IP 65
Input	Rated Input Voltage	240V AC
	Operating Input Voltage	110-300 VAC
	Frequency	50-60 Hz
	Input Current	0.22A
	Input Power	50W
	Power Factor	>0.98
	THD	<10%
	In Rush Current	YES
	Over Voltage Cutoff	320V (Tole : +/-10V)
	Under Voltage Cutoff	100V (Tole : +/-10V)
	Automatic restart	300V (Tole : +/-10V)
Output	Output Current	700mA (Tole+/-3%)
	Output Voltage	55-72V
	Output Power	45W
	Constant Current Accuracy	+/-3%
	No Load Protection	YES
	Thermal Protection	YES
	Efficiency	>88%
	Output short circuit protection and Restart	YES
Environment & Protection	Ambient Operating Temperature Range	-20 °C To +65 °C
	Maximum Starting Temperature	-30 °C To +75 °C
	Max Case Temperature	90 °C
	Input Surge Protection	4Kv
Construction	Input/Output Terminal	Wire
	Input (wire) Single core 0.5sq mm	300 mm
	Output (wire) Single core 0.5sq mm	300 mm
	Dimension	L105mm X W46mm X H30mm
Others	Life	50000 Hrs

LV 50/220-240/700 CH65

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.