

## LV 100 220-240 1000 CH65

### General Benefits

- Compact Design
- High Voltage withstanding capacity
- High Surge withstanding capacity
- Long Life
- High Durability
- Automatic Restart after Safe Voltage Mode.
- 5 Years Warranty



### 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.

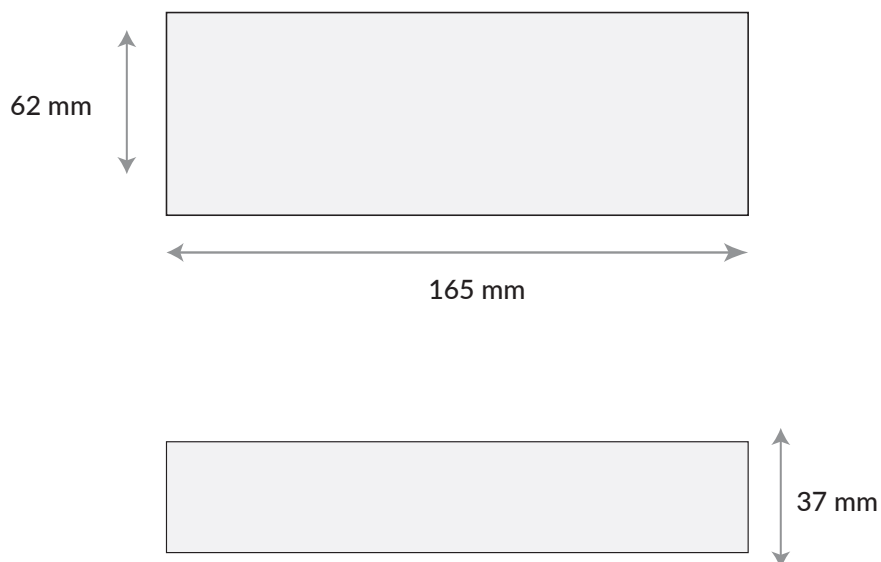
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### Parameters

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	0.47A
	Input Power	112W
	Power Factor	>0.98
	THD	<10%
	In Rush Current Protection	YES
	Over Voltage Cutoff	330V (Tole : +/-10V)
	Under Voltage Cutoff	100V (Tole : +/-10V)
	Automatic Restart	300V (Tole : +/-10V)
Output	Output Current	1000mA (Tole+/-3%)
	Output Voltage	85-100V
	Output Power	100W
	Constant Current Accuracy	+/-3%
	Efficiency	>88%
	No Load Protection	YES
	Thermal Protection	YES
	Output short circuit protection and Restart	YES
Environment & Protection	Ambient Operating Temperature Range	-30 °C To +65 °C
	Maximum Starting Temperature	-30 °C To +75 °C
	Max Case Temperature	90°C
	Input Surge Protection	6KV
Construction	Input/Output Terminal	Wire
	Input (Cable wire ) 3core 1.0sq mm	300 mm
	Output (Cable) 2 core 1.0sq mm	300 mm
	Dimension	165 X 62 X 37 mm (LxWxH)
Others	Life	>50000 Hrs

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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).