

## LV 10 /220-240/250 CH SG E SQ

### General Benefits

4KV Surge Protection  
Small Sleek Housing  
Better Reliability and Long lasting  
Long Life  
High Daurability



Down Lights  
Spot Lights

### Approvals

BIS as per IS 15885 (Part 2/Sec. 13) , IS 16104.



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.

# SG Series

## Product Specification Sheet

**LUCEVITA**  
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### LV 10/220-240/250 CH SG E SQ

#### Features

|                  |  |                  |
|------------------|--|------------------|
| Output Type      |  | Constant Current |
| Dimming Type     |  | Non - Dimmable   |
| Dimming Range    |  | NA               |
| IP Grade         |  | IP -20           |
| Insulation Class |  | Class II         |

#### Input

|                         |  |               |
|-------------------------|--|---------------|
| Rated Input Voltage     |  | 220 - 240 Vac |
| Operating Input Voltage |  | 140-270 Vac   |
| Frequency               |  | 50-60 Hz      |
| Input Current           |  | 0.06A         |
| Input Power             |  | 11W Max       |

#### Output

|                           |  |                          |
|---------------------------|--|--------------------------|
| Output Current            |  | 250mA (Toler +/-3%) mA   |
| Output Voltage            |  | 28-40 V                  |
| Output Power              |  | 10 W                     |
| Power Factor              |  | > 0.5 @ 230Vac Full Load |
| Efficiency                |  | > 80% @ 230Vac Full Load |
| Number of Output Channels |  | Single Channel           |

#### Environment & Protection

|                                     |  |                |
|-------------------------------------|--|----------------|
| Ambient Operating Temperature Range |  | 0° to +50°C    |
| Storage Temperature                 |  | -20°C to +80°C |
| Max Case Temperature                |  | 75°C           |
| Input Surge Protection              |  | 3 Kv           |

#### Construction

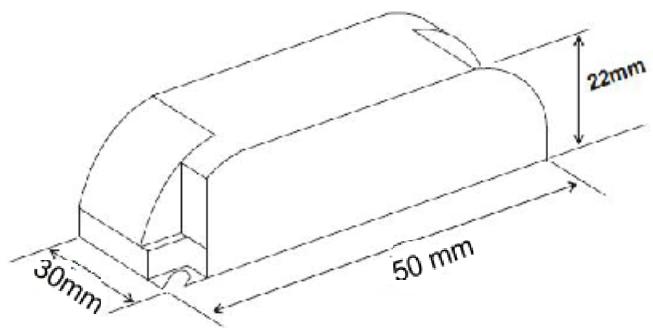
|                      |  |  |
|----------------------|--|--|
| Connection           |  | Connector 2pole 45° push-in with release key |
| Installation         |  | NA   |
| PRI Wire Preparation |  | 0.5 - 1.5 mm <sup>2</sup>                    |
| SEC Wire Preparation |  | 8.5-9.5mm Strip length (0.5-1.5sqmm)         |

#### Others

|                   |  |                   |
|-------------------|--|-------------------|
| Dimension         |  | 55 x 30 x 22 (mm) |
| Life (Hours)      |  | >30000Hrs         |
| Warranty (Months) |  | 36                |

## LV 10/220-240/250 CH SG E SQ

### 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).