

LV 12/220-240/300 CH SG

General Benefits

- High Surge Protection
- Better Efficiency
- High PF & Low THD
- 440v Protection for better reliability
- Small Housing
- Better Reliability & Long Lasting



Application

- Down Lights
- Spot Lights
- Panel Lights

Approvals

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



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
illuminating intelligently

www.lucevita.in

LV 12/220-240/300 CH SG

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	160-265 Vac
Frequency	50-60 Hz
Input Current	0.058A
Input Power	14W
Power Factor	> 0.95
THD	< 10%
No Load Power	< 0.5w
In Rush Current	17A/5.21uS
Circuit Breaker	TBA

Output

Output Current	300 mA
Output Voltage	22-40 vv
Output Power	12W
Constant Current Accuracy	< 5%
No Load Output Voltage	48 Vdc
Full Load Output Power	12W
Efficiency	>80%
Number of Output Channels	1
Current Ripple	±30%
Start Delay Time	< 1 Second

Environment & Protection

Ambient Operating Temperature Range	0...+50°C
Storage Temperature	-20°C to +80°C
Max Case Temperature	80°C
Input Surge Protection	4 Kv

Construction

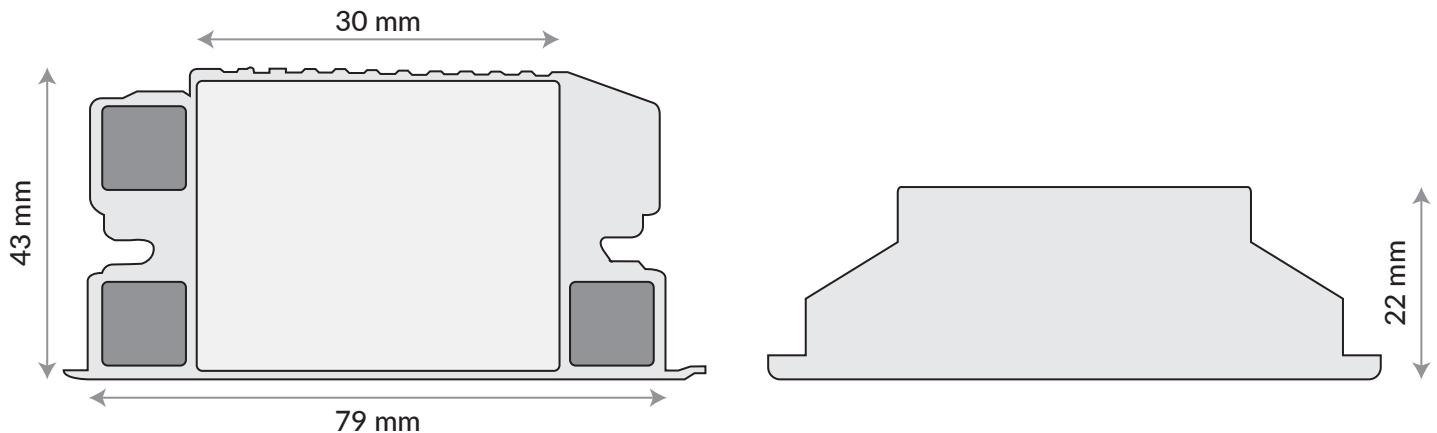
Connection	Connector 2pole 45° push-in with release key
Installation	NA
PRI Wire Preparation	0.5 - 1.5 mm2
SEC Wire Preparation	8.5-9.5mm Strip length (0.5-1.5sqmm)
Dimension	79 x 43 x 22 (mm)

Others

Life (Hours)	30,000
Warranty (Months)	36

LV 12/220-240/300 CH SG

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.