

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.

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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

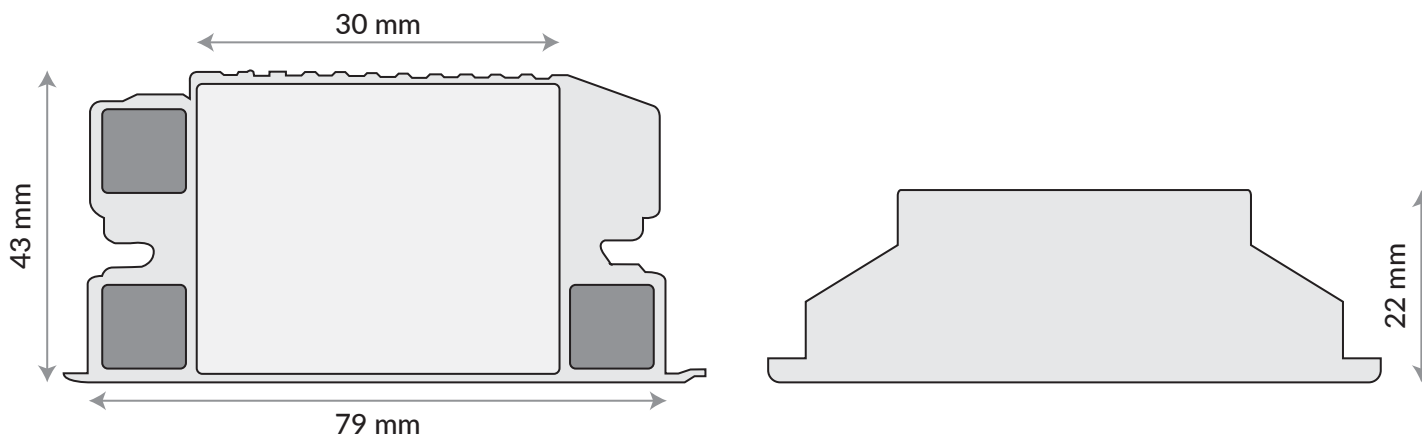
Connection		Connector 2pole 45° push-in with release key
Installation		NA
PRI Wire Preparation		0.5 - 1.5 mm ²
SEC Wire Preparation		8.5-9.5mm Strip length (0.5-1.5sqmm)
Dimension		79 x 43 x 22 (mm)

Others

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

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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, or email info@lucevita.in.