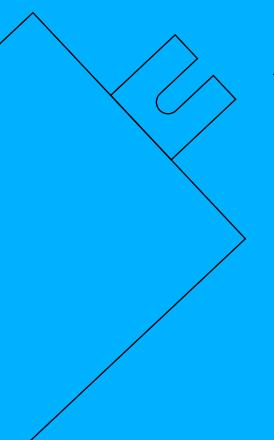


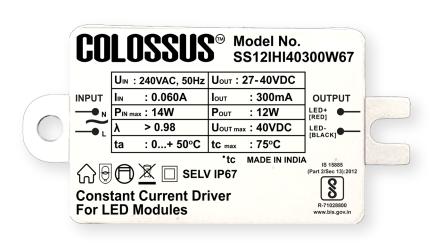
GOLOSSUS Excellence inside

DATASHEET

SS12IHI40300W67









*Image is for viewing purpose. Technical Data not to be drawn from above image.

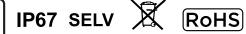
Approval Markings:















Product Description

- Constant current driver for led modules
- Input voltage 240VAC
- High efficiency >85%(@100% Load)
- Power factor >0.98,THD<10%(@100%Load)
- For use in combination with luminaries of protection class II.
- · Protection against Abnormal Operating Conditions Like Input Over Voltage Protection, Under Voltage Protection, Short Circuit Protection, Open Voltage Protection, Overload Protection.
- Surge protection 4KV
- · Nominal Life Time: 30,000 hours @ tc ≤ tcmax
- Driver is suitable for use in Dry & Damp locations

Functions

· Application oriented operation for maximum compatibility

Applications







Office Shops

House



— Technical Data

Technical Data			
Mains Voltage Supply			
Rated Voltage Range	240VAC		
Rated Frequency	50/60 Hz		
Max. Admissible Input Voltage Range(AC)	175-265VAC		
Total Harmonic Distortion (THD)	<10% (@Full Load)		
Mains Voltage Withstanding Capacity	440VAC for 2hrs (with overvoltage shutdown)		
Output Data			
Constant current			
Output Current Tolerance	±5%		
Max Starting Time	<1s		
Interface And Dimming Operation			
Dimming Interface	None		
Power Factor			
240V(@ Full Load)	>0.98		
Efficiency(typ.)			
Full Load	>85%		
Protections			
Open Circuit	<50VDC		
Output Short Circuit Operation	YES		
Input Over Voltage Cutoff	300VAC ±10%		
Input Under Voltage Cutoff	100VAC ±10%		
Connection Wires			
Туре	Solid or Stranded Wire		
Wire Cross Section	0.75mm² - 1.5mm²		
Wire Length	180mm (±15mm)		
Wire Lengths			
Max. Wire Length To Led Module	<1m		



— Protection

Surge	4kV
High Voltage	440V

Temperatures (Operation)

Model No.	Ambient(ta)	Case (tc)
SS12IHI40300W67	0°C +50°C	Max + 75°C

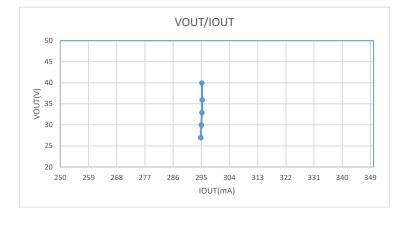
Product Specifications

Model No.	Input Current (max)	Input Power (max)	THD	Power Factor	Effici- ency	Output Current	Output Voltage	Output Power (max)
SS12IHI40300W67	60mA	14W	<10%	>0.98	>85%	300mA	27-40V	12W

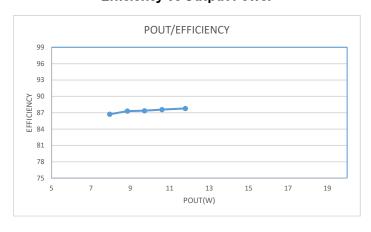
All specifications with 240 VAC are nominal operation and 100% load.

Graphs

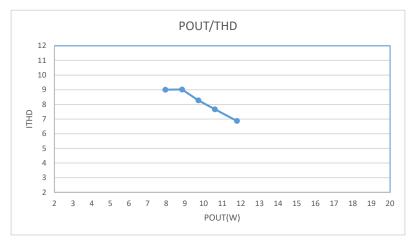
Operating Window



Efficiency Vs Output Power



THD Vs Output Power



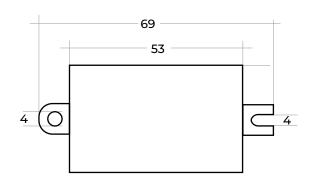
Error expected. We reserve the right to make alternations in the interest of improving our products.

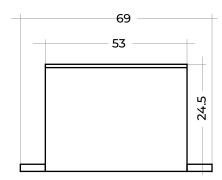


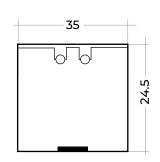
Housing Properties

Degree of protection	IP67
Casing	Polycarbonate, White

Housing Dimensions

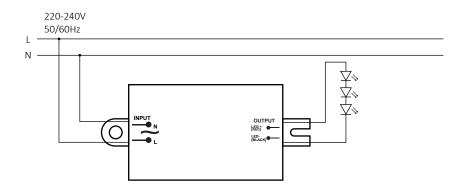






Dimensions	69x35x24.5mm
Tolerance	± 1mm
Weight	50 gm

Wiring Diagrams



Expected Lifetime

Lifetime	30,000 hours
Warranty	3 years

Logistics Data

Model No.	SS12IHI40300W67
Weight (gm)	50 gm