TECHNICAL DATA SHEET : LED DRIVER WITH RADAR MOTION SENSOR

Model No : HR045WBML000000

PRODUCT DESCRIPTION

- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Nominal Life-Time Upto 30,000 hr.
- 3/5-Years Warranty.
- High Voltage withstanding capacity 440V AC.
- CE (Certified).
- IS 15885 (Part 2/Sec 13).
- IS 16104.
- IEC 60950-1.
- IEC 61000-4-5.

Input Characteristics

1	Voltage (Un)	**240 Vac**
2	Operating Voltage Range	**100 ~300 Vac**
3	Frequency (Hz)	**50 / 60 Hz**
4	Maximum Input Current	**0.19A**
5	Input Power (W)	**45W**
6	Power Factor (PF)	**> 0.98**
7	Inrush current Protection	**Yes**
8	Current Harmonics (Athd)	**< 10%**
9	Surge Withstanding Capacity	**4 KV**
10	Over Voltage Cutoff	**320V (Tole : +/-10V)**
11	Under Voltage Cutoff	**110V**
12	Automatic Restart	**300V**
13	Driver Life	**>30000Hrs**

Mechanical Details

1	Weight	**190gm.**
2	Case Dimensions	
3	Length W/Mount	**202.5mm**
	Center to Center (CTC)	**192mm**
	Width	**31.5mm**
	Height	**27mm**
4	Case Material	**Metal Box**
5	Wiring Diagram	**On Screen**
6	Input / Output Terminals	**Connector**
7	Wires Length & Colors	
	Input (Yellow)	**NA**
	Output (Red & Black)	**NA**
8	Potting	**NA**

Output Characteristics

1	Output short circuit protection and Restart	**Yes**
2	Thermal Protection	**Yes**
3	No-Load Protection	**Yes**
4	Max Output Current	**500MA (Tole : +/-3%)**
5	Output Voltage	**60-80V**
6	Output Power (W)	**40W max**
7	Efficiency	**88%**

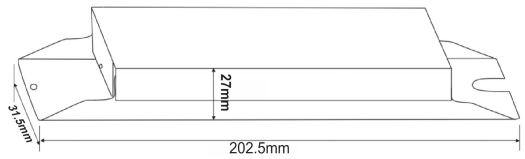
Key Features

1	Compact Design
2	High Voltage withstanding capacity
3	High Surge withstanding capacity
4	Long Life
5	High Durability
6	Automatic Restart after Safe Voltage Mode.
7	Radar Detection catch body moving precisely
8	Start Fast & stable working
9	Radar Sensor detection distance range 3-8 meters

Environmental Operating Details

1	Minimum Starting Temperature	**-30°C … 75°C**
2	Max. Ambient Temperature	**-20°C … to 65°C**
3	Max. Case temperature (Tc)	**85°C**

Metal Box



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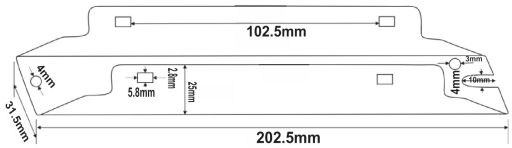

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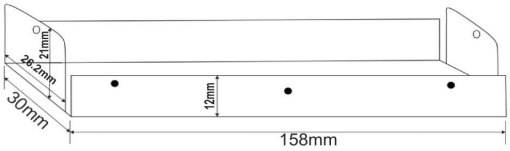

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