

TECHNICAL DATA SHEET : LED DRIVER CONSTANT CURRENT
Model No : HR090WBMWP00000

PRODUCT DESCRIPTION

- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Nominal Life-Time Upto 50,000 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	120 ~300 Vac
3	Frequency (Hz)	50 / 60 Hz
4	Maximum Input Current	0.37A
5	Input Power (W)	90W
6	Power Factor (PF)	> 0.98
7	Inrush current Protection	Yes
8	Current Harmonics (Athd)	< 10%
9	Surge Withstanding Capacity	6 KV
10	Over Voltage Cutoff	320V (Tole : +/-10V)
11	Under Voltage Cutoff	110V (Tole : +/-10V)
12	Automatic Restart	300V
13	Driver Life	>50000Hrs

Output Characteristics

Output short circuit protection and Restart	Yes
Thermal Protection	Yes
No-Load Protection	Yes
Output Current	1000MA (Tole : +/-3%)
Output Voltage	80 V
Output Wattage	80W max
Efficiency	88%

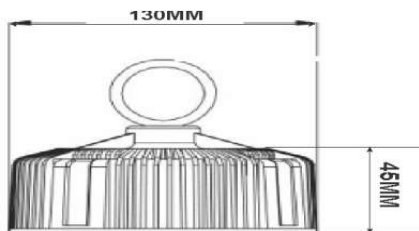
Environmental Operating Details

1	Minimum Starting Temperature	-30°C ... 75°C
2	Max. Ambient Temperature	-20°C ... to 65°C
3	Max. Case temperature (Tc)	90°C

Key Features

- Compact Design
- High Voltage withstanding capacity
- High Surge withstanding capacity
- Long Life
- High Durability
- Automatic Restart after Safe Voltage Mode.

Metal Box



Mechanical Details

1) Weight	650gm
2) Case Dimensions	
Length W/Mount	130mm
Center to Center (CTC)	120mm
Width	68mm
Height	45mm
3 Case Material	AL Box
4 Wiring Diagram	On Screen
5 Input / Output Terminals	NA
6 Wires Length	
Input (3 Core or single core- White(L,N) & Green-E)	300mm
Output (Single Core Wire- Red(+),Black(-)	300mm
7 IP5	YES