



TECHNICAL DATA SHEET : LED DRIVER CONSTANT CURRENT
Model No : HR180WBMP00000



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 | 0.75A |
| 5 | Input Power (W) | 180W |
| 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 |
| Max Output Current | 1000MA (Tole : +/-3%) |
| Output Voltage | 160V |
| Output Power (W) | 160W max |
| Efficiency | 88% |

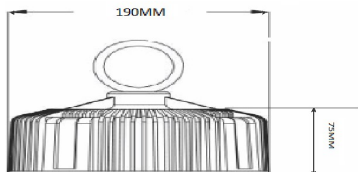
Environmental Operating Details

| | | |
|---|------------------------------|-------------------|
| 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 | 800gm |
| 2) Case Dimensions | |
| Length W/Mount | 190mm |
| Center to Center (CTC) | 180mm |
| Width | 190mm |
| Height | 75mm |
| 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 IP65 | YES |

Sr./Gat No.08,A/P .Sasewadi ,Tal.Bhor ,Dist Pune ,Near ZP School ,Sasewadi ,Pune 412205.Maharashtra (India)
 Email ID :- marketing@hrindustry.net ,hrindustry12@outlook.com. Mobile :- 9049378851