

TECHNICAL DATA SHEET : LED DRIVER CONSTANT CURRENT

ID 16886(Part2/Sec13):2012



Model No : HR070WBMW00000



PRODUCT DESCRIPTION

- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Output Current 800mA .
- Max Output Power 64W.
- Nominal Life-Time Upto 30,000 hr.
- 3-Year Warranty.
- High Voltage withstanding capacity 440V.



Input Characteristics

| | | |
|----|-----------------------------|--------------------|
| 1 | Voltage (Un) | 240 Vac |
| 2 | Operating Voltage Range | 100 ~300 Vac |
| 3 | Frequency (Hz) | 50 / 60 Hz |
| 4 | Maximum Input Current | 0.30A |
| 5 | Input Power (W) | 70W |
| 6 | Power Factor (PF) | > 0.98 |
| 7 | Inrush current Protection | Yes |
| 8 | Current Harmonics (Athd) | < 10% |
| 9 | Surge Withstanding Capacity | 4KV |
| 10 | Over Voltage Cutoff | 310V (Tole +/-10V) |
| 11 | Automatic Restart | 300V |
| 12 | Driver Life | >30000Hrs |

Output Characteristics

| | |
|---|----------------------|
| Output short circuit protection and Restart | Yes |
| Over Current Protection | Yes |
| Thermal Protection | Yes |
| No-Load Protection | Yes |
| Max Output Current | 800mA (Tole - +/-3%) |
| Output Voltage | 80V |
| Output Power (W) | 64W max |
| Efficiency | 88% |

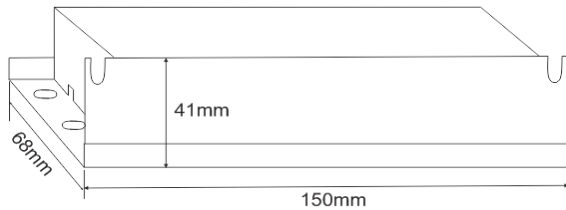
Environmental Operating Details

| | | |
|---|------------------------------|-------------------|
| 1 | Minimum Starting Temperature | -30°C ... 85°C |
| 2 | Max. Ambient Temperature | -30°C ... to 50°C |
| 3 | Max. Case temperature (Tc) | 85°C |

Key Features

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

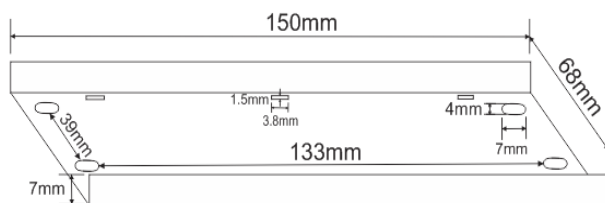
Metal Box



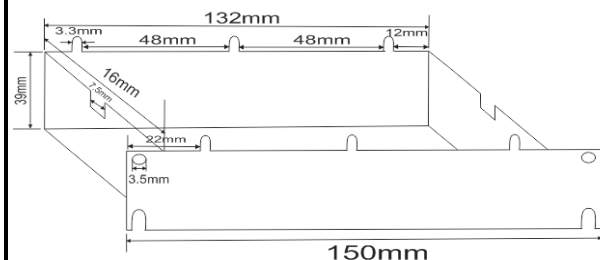
Mechanical Details

| | |
|----------------------------|-----------|
| 1 Weight | 440gm |
| 2 Case Dimensions | |
| Length W/Mount | 150mm |
| Center to Center (CTC) | 139mm |
| Width | 68mm |
| Height | 41mm |
| 3 Case Material | Metal Box |
| 4 Wiring Diagram | On Screen |
| 5 Input / Output Terminals | NA |
| 6 Wires Length | |
| Input (3 CORE) | 300 mm |
| Output (2 CORE) | 300 mm |
| 7 Potting | YES |

Bottom



Top



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