

**PRODUCT DESCRIPTION**

- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Output Current 850MA .
- Max Output Power 40W.
- Nominal Life-Time Upto 30,000 /50,000hr.
- 3-Year Warranty.
- High Voltage withstanding capacity 440V.
- 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 | 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                          | 850MA (Tole : +/-3%) |
| Output Voltage                              | 30-50 V              |
| Output Power (W)                            | 40W max              |
| Efficiency                                  | 88%                  |

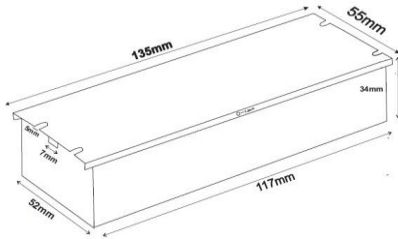
**Environmental Operating Details**

|   |                              |                   |
|---|------------------------------|-------------------|
| 1 | Minimum Starting Temperature | -30°C ... 75°C    |
| 2 | Max. Ambient Temperature     | -30°C ... to 50°C |
| 3 | Max. Case temperature (Tc)   | 75°C              |

**Key Features**

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

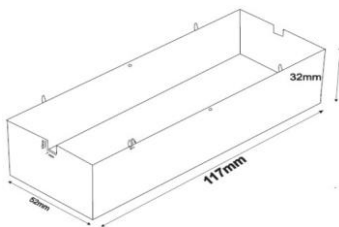
**Metal Box**



**Mechanical Details**

|   |           |
|---|-----------|
| 1) Weight   | 110gm     |
| 2) Case Dimensions                                  |           |
| Length W/Mount                                      | 135mm     |
| Center to Center (CTC)                              | 127mm     |
| Width   | 55mm      |
| Height  | 34mm      |
| 3 Case Material                                     | Metal 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 IP67/IP20   | YES       |

**Bottom**



**Top**

