



- Constant Current LED Driver
- Output Wattage: 18W
- Input Voltage: 240±15%, 50Hz
- Output Current: 500mA ±8%
- PC enclosure with Wires
- Output voltage range of 22-36VDC
- Only For Dry Locations
- Surge Immunity 4KV
- IP 20

### General Specifications

|                                       |  |
|---------------------------------------|--|
| Rated Input Voltage                   | 240VAC ±15%, 50 Hz   |
| Operating Input Voltage Range         | 100-320VAC, 50 Hz  |
| Input Current                         | 0.12 A Max.  |
| Input Power                           | 23W Max.   |
| Power Factor                          | >0.95  |
| THD                                   | <10%   |
| Efficiency                            | >84%   |
| Driver Type                           | Isolated, SELV Equivalent  |
| Output Current                        | 500mA ±8%  |
| Output Voltage Range                  | 22-36Vdc   |
| No Load Output Voltage                | 45Vdc  |
| Output Power                          | 18Watt   |
| Number of Output Channels             | 1 Channel  |
| Stand By Time                         | NA   |
| Dimming Controller Type/Dimming Range | NA   |
| Output Type                           | Constant Current   |
| Ambient Operating Temperature Range   | -10°C to 50°C  |
| Max. Case Temperature                 | 75°C   |
| Input Surge Protection                | Line - Neutral 4kV DM  |
| Protections                           | Input Over Current : NON-Resettable<br>Input Over Voltage : 320VAC Operation for 48Hrs, 360VAC Operation for 2Hrs<br>Input Under Voltage : NA<br>Output Short Circuit : Auto Recovery (HICCUP Mode)<br>Output Open Circuit : Auto Recovery (HICCUP Mode)<br>Output to Ground short : YES<br>Output Overload : YES<br>Over Temperature : NA |
| Service Life                          | 50,000 hours @ Tc Max  |
| Approvals / Class                     | SELV Equivalent, Dry Locations IP 20   |
| Warranty                              | 03 YEARS   |
| Weight                                | 0.20KG   |

Note : The usage of a compatible SPD is mandatory for outdoor application.  
 Recommended Fulham SPD - SPD1230S5A5K54

Figure 1

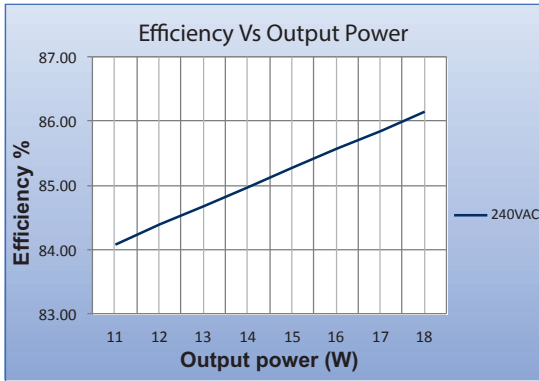


Figure 2

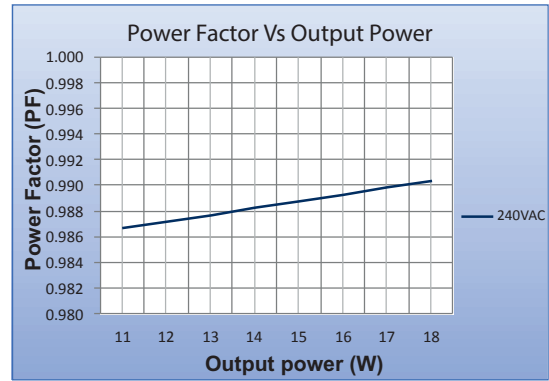


Figure 3

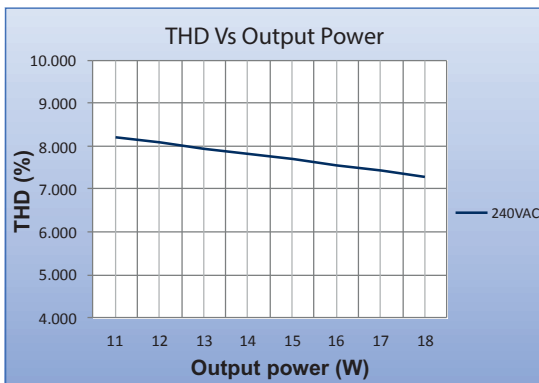


Figure 4

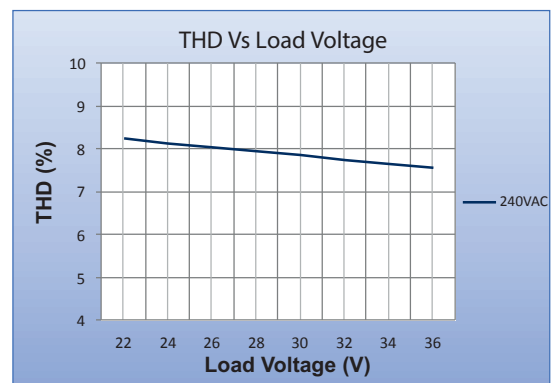
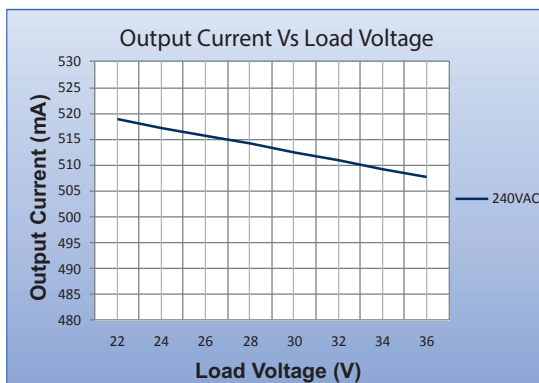
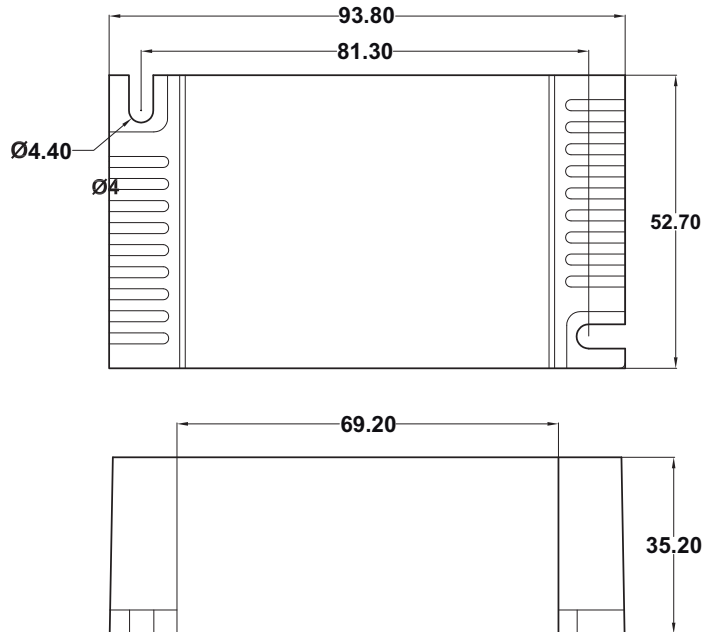


Figure 5



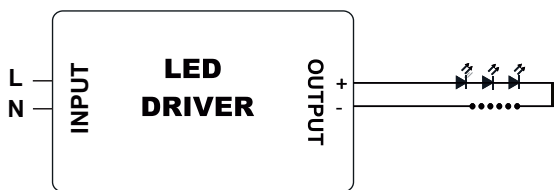
**Mechanical Data**



Note : All Dimensions are in mm.

Tolerance=±0.5mm

**Wiring Diagrams**



| INPUT SIDE | LENGTH |
|------------|--------|
| BLACK      | 300 mm |
| WHITE      | 300 mm |

| OUTPUT SIDE | LENGTH |
|-------------|--------|
| RED         | 300 mm |
| BLUE        | 300 mm |

**Installation Instructions:**

Connect Wires as per details given on the Driver Screen. Keep proper ventilation around the LED Driver and do not stack any object on it. Also a 10-15 cm clearance must be kept when the adjacent device is a heat source. Do not exceed the declared Hot spot temperature(Tc max) under any circumstances.