

- Constant Current LED Driver
- Output Wattage: 25W
- Input Voltage: 240 \pm 15%, 50Hz
- Output Current: 500mA \pm 8%
- PC enclosure with Wires
- Output voltage range of 30-50VDC
- Suitable For Dry Locations
- Surge Immunity 4KV
- IP 20

General Specifications

| | |
|---------------------------------------|--|
| Rated Input Voltage | 240VAC \pm 15%, 50 Hz |
| Operating Input Voltage Range | 100-320VAC, 50 Hz |
| Input Current | 0.16 A Max. |
| Input Power | 32W Max. |
| Power Factor | >0.95 |
| THD | <10% |
| Efficiency | >85% |
| Driver Type | Isolated |
| Output Current | 500mA \pm 8% |
| Output Voltage Range | 30-50Vdc |
| No Load Output Voltage | 55Vdc Max. |
| Output Power | 25Watt |
| 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 |
| | Input Over Voltage : 320VAC Operation for 48Hrs, 360VAC Operation for 2Hrs |
| | Input Under Voltage : NA |
| | Output Short Circuit : Auto Recovery (HICCUP Mode) |
| | Output Open Circuit : Auto Recovery (HICCUP Mode) |
| | Output to Ground short : YES |
| | Output Overload : YES |
| | 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

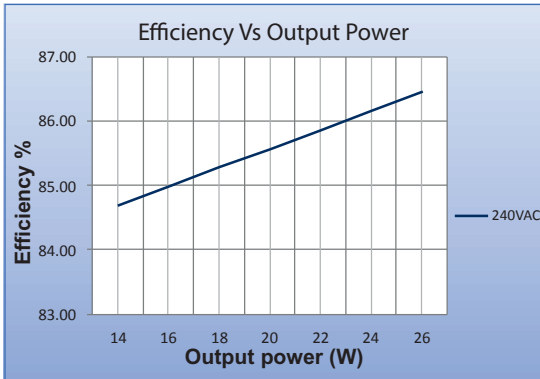


Figure 2

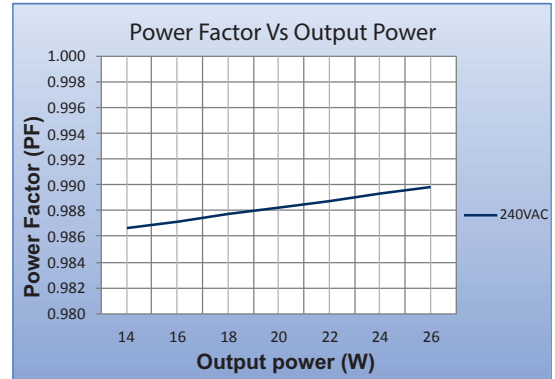


Figure 3

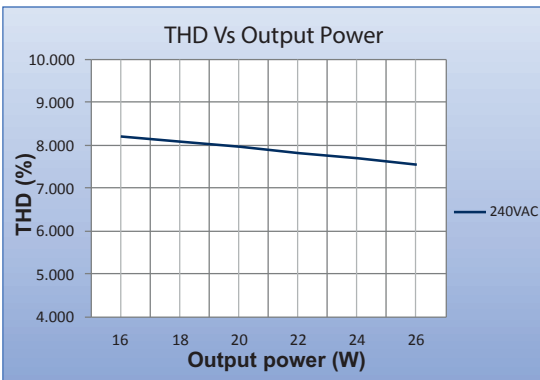


Figure 4

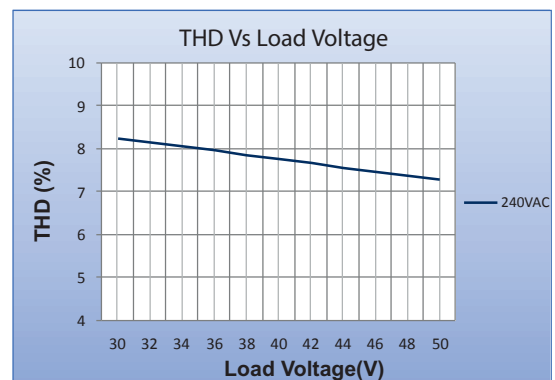
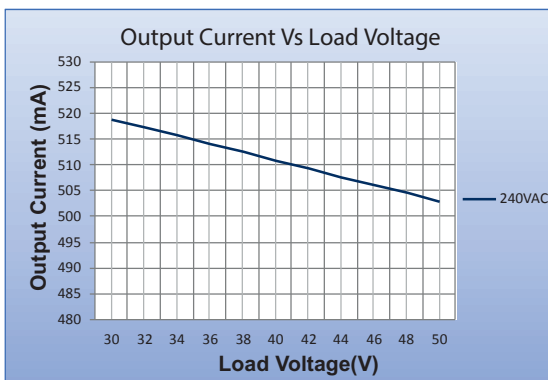
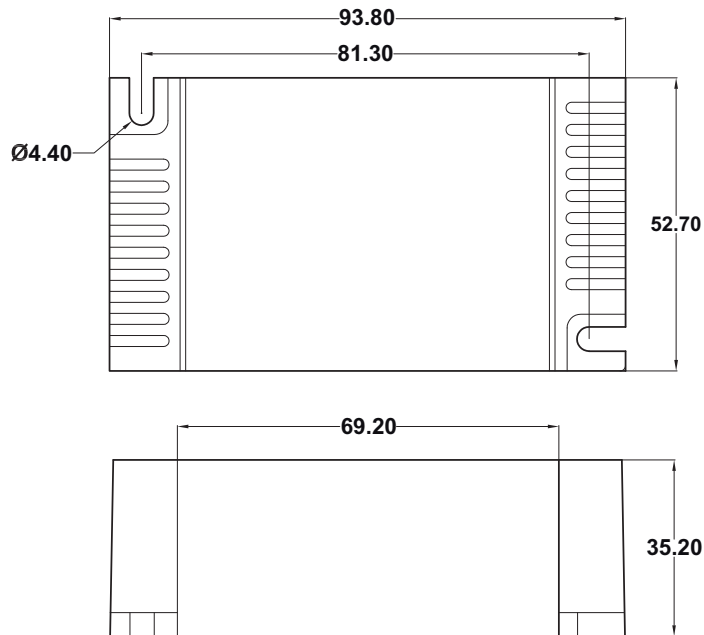


Figure 5



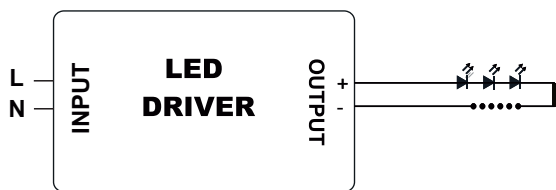
Mechanical Data



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 |
| Output wire with Terminal: NA. | |

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.