

- Constant Current LED Driver
- Output Wattage: 38W
- Input Voltage: 240±15%, 50Hz
- Output Current: 1000mA ±8%
- PC enclosure with Wires
- Output voltage range of 24-38VDC
- Dry and Damp Locations
- Surge Immunity 4KV
- IP 65

### General Specifications

|                                       |                                                                            |
|---------------------------------------|----------------------------------------------------------------------------|
| Rated Input Voltage                   | 240VAC ±15%, 50 Hz                                                         |
| Operating Input Voltage Range         | 100-320VAC, 50 Hz                                                          |
| Input Current                         | 0.25 A Max.                                                                |
| Input Power                           | 49W Max.                                                                   |
| Power Factor                          | >0.95                                                                      |
| THD                                   | <10%                                                                       |
| Efficiency                            | >85%                                                                       |
| Driver Type                           | Isolated, SELV Equivalent                                                  |
| Output Current                        | 1000mA ±8%                                                                 |
| Output Voltage Range                  | 24-38Vdc                                                                   |
| No Load Output Voltage                | 47Vdc                                                                      |
| Output Power                          | 38Watt                                                                     |
| 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                 | 80°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                                                      |
| Service Life                          | Over Temperature : NA                                                      |
|                                       | 50,000 hours @ Tc Max                                                      |
| Approvals / Class                     | SELV Equivalent, Dry and Damp Locations, IP 65                             |
| Warranty                              | 03 YEARS                                                                   |
| Weight                                | 0.32 KG                                                                    |

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

Figure 1

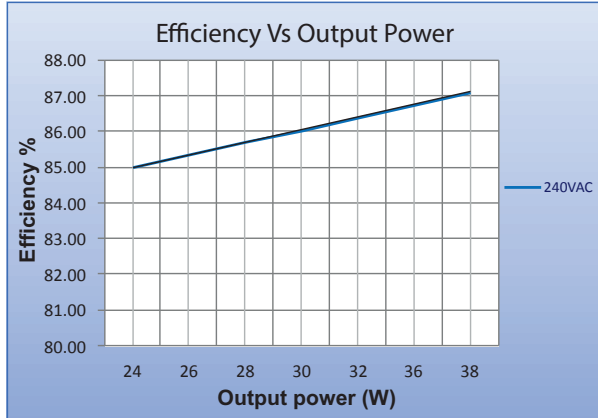


Figure 2

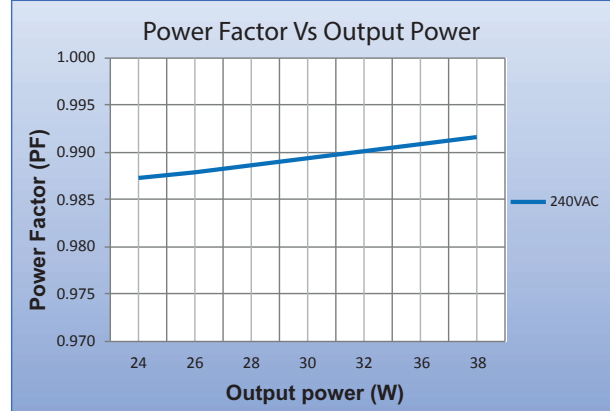


Figure 3

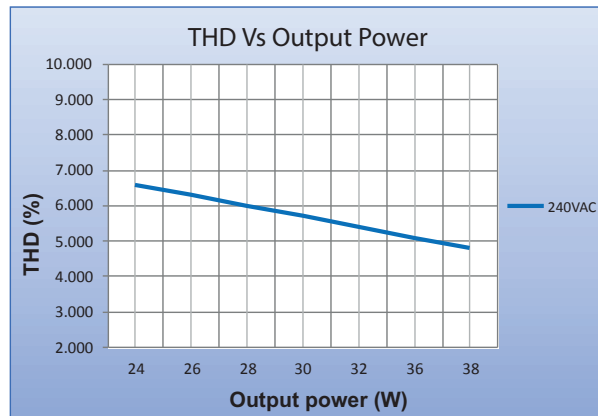


Figure 4

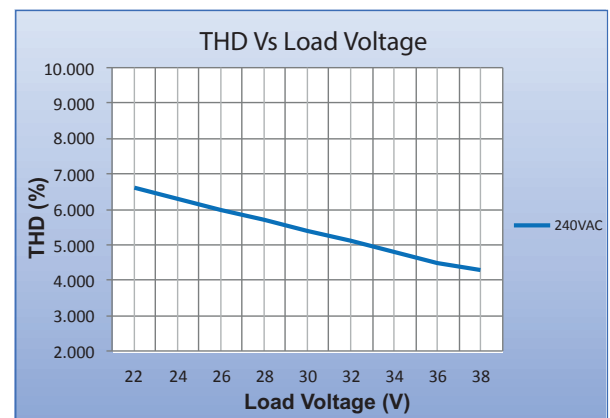
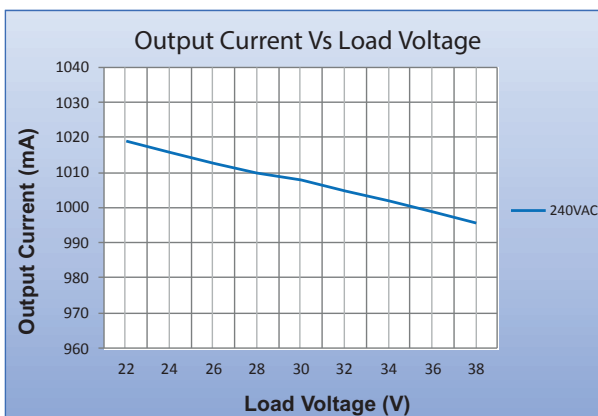
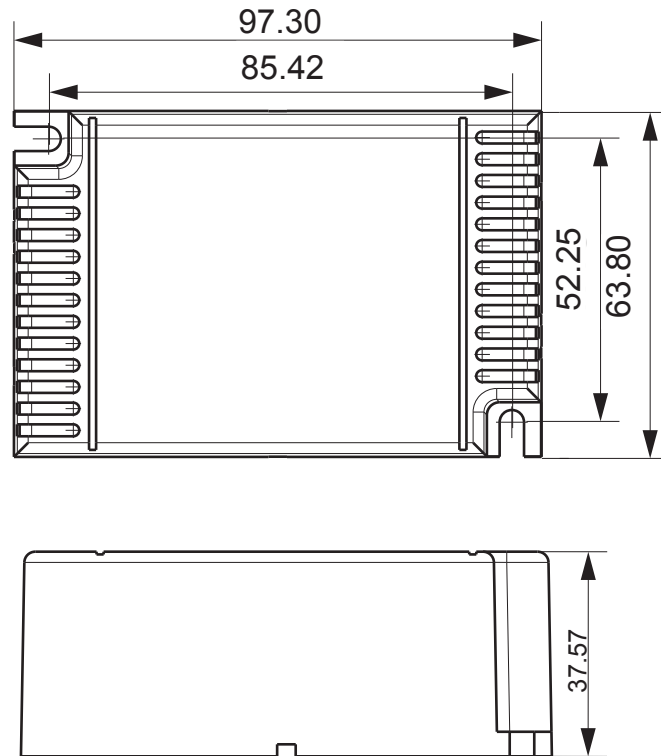


Figure 5



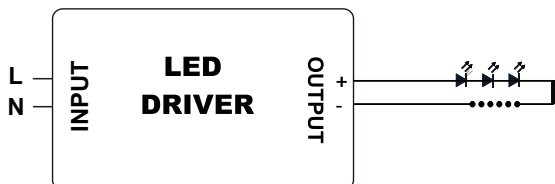
### Mechanical Data



Note : All Dimensions are in mm.

Tolerance=±0.5mm

### Wiring Diagrams



| INPUT SIDE | LENGTH | OUTPUT SIDE | LENGTH |
|------------|--------|-------------|--------|
| BLACK      | 300 mm | RED         | 300 mm |
| WHITE      | 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.