

- Constant Voltage LED Driver
- Output Wattage: 75W
- Nominal Input Voltage: 240Vac,50Hz
- Output Current: 6250mA
- CRCA with Wires
- Output voltage range of 12Vdc  $\pm$  5%
- Suitable For Dry and Damp Locations
- Surge Immunity 5KV
- 440Vac application @ 8Hrs
- OVP and UVP Cut-off
- IP 54

## General Specifications

|                                     |  |
|-------------------------------------|--|
| Rated Input Voltage                 | 150-280Vac,50Hz  |
| Operating Input Voltage Range       | 120-300Vac,50Hz  |
| Input Current                       | 0.82A Max @ 120Vac, 0.41 A Max @ 240Vac  |
| Input Power                         | 93W Max @ Rated I/P voltage at Max Load  |
| Power Factor                        | >0.95 (@ Full Load at Rated Voltage)   |
| THD                                 | <10% (@ Full Load at Rated Voltage)  |
| Efficiency                          | >83% Typical   |
| Driver Type                         | Constant Voltage   |
| Output Current                      | 6250mA Max   |
| Output Voltage Range                | 12Vdc $\pm$ 5%   |
| Output Power                        | 75W Max  |
| Number of Output Channels           | 1 Channel  |
| Output Type                         | Class I  |
| Ambient Operating Temperature Range | -10°C to 55°C  |
| Max. Case Temperature               | 85°C   |
| Input Surge Protection              | L-N-5KV, L-N-E-5KV   |
| Protections                         | Input Over Current : Non Resettable (Fuse)   |
|                                     | Input Over Voltage : Shutdown @ >325Vac, Auto recovery @ 300-315Vac, @ 25°C<br>440Vac for 8 hours @ 35°C, 320Vac for 48 hours @ 50°C |
|                                     | Input Under Voltage : Shutdown <95Vac, Auto recovery 105Vac $\pm$ 10V  |
|                                     | Output Short Circuit : Auto Recovery (HICCUP Mode) Continuous  |
|                                     | Output Open Circuit : YES  |
|                                     | Output to Ground short: YES  |
|                                     | Output Overload : YES (HICCUP MODE)  |
| Over Temperature : HICCUP Mode      |  |
| Service Life                        | 50,000 Hours @ 70° Tc  |
| Approvals / Class                   | SELV Equivalent ; Dry and Damp Locations   |
| Warranty                            | 03 Years   |
| Weight                              | 0.650 Kg   |

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

Figure 1

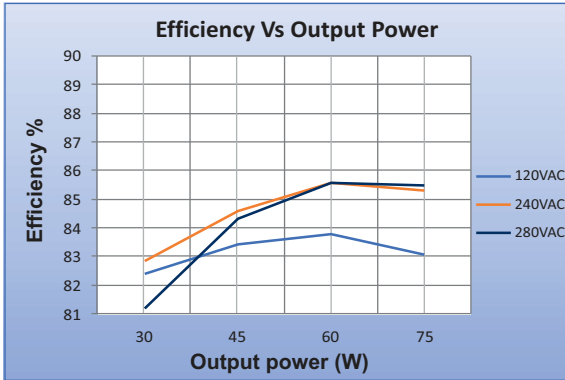


Figure 2

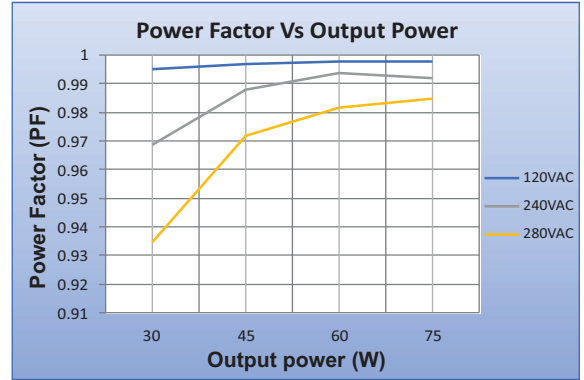
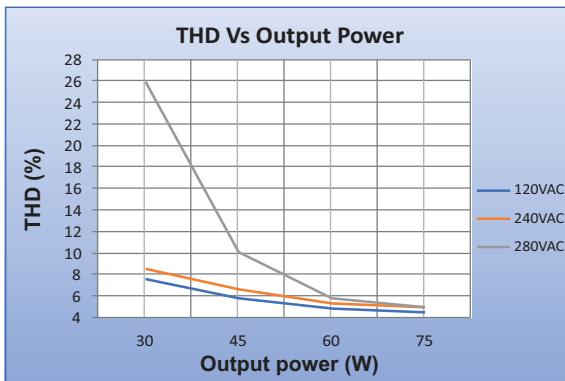
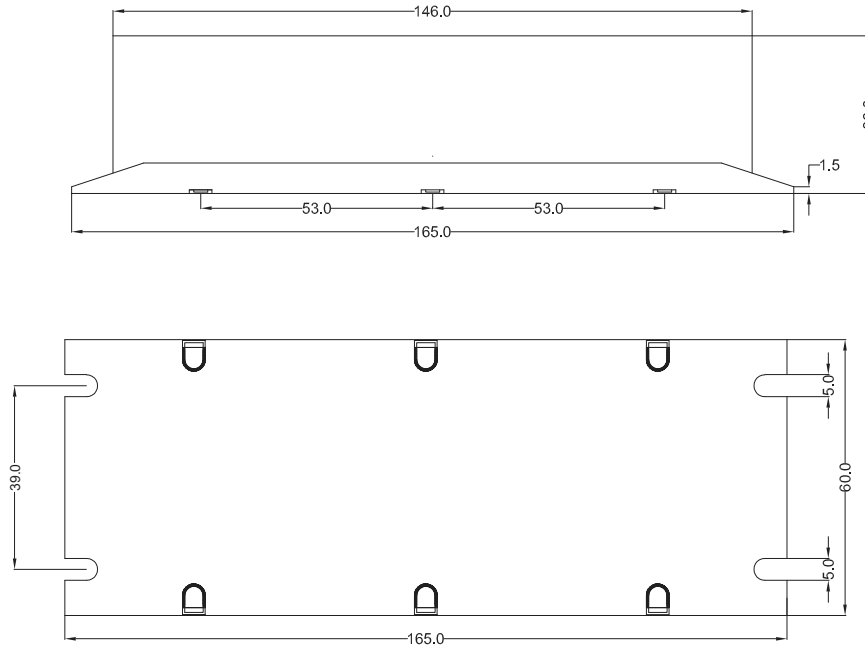


Figure 3



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **03 years @ Tc 70°C** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog ([www.fulham.com](http://www.fulham.com)). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.

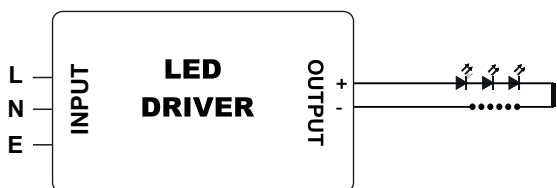
### Mechanical Data



Note : All Dimensions are in mm.

Tolerance=±0.5mm

### Wiring Diagrams



| INPUT SIDE | LENGTH | OUTPUT SIDE             | LENGTH |
|------------|--------|-------------------------|--------|
| BLACK      | 300 mm | RED                     | 250 mm |
| WHITE      | 300 mm | BLUE                    | 250 mm |
| GREEN      | 300 mm | Output Wire Gauge 16SWG |        |

Note: This Driver Must Be Grounded

### 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.

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