

- Constant Voltage LED Driver
- Output Wattage: 60W
- Nominal Input Voltage : 240Vac, 50Hz
- Output Current: 5000mA
- 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, 50 Hz	
Operating Input Voltage Range	120-300Vac, 50 Hz	
Input Current	0.61A Max @ 120Vac, 0.33A Max @ 240Vac	
Input Power	75W 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	5000mA Max	
Output Voltage Range	12Vdc ±5%	
Output Power	60W 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 440Vac for 8 hours @ 35°C, 320Vac for 48 hours @ 50°C
	Input Under Voltage	: Shutdown <95Vac, Auto recovery 105Vac ±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

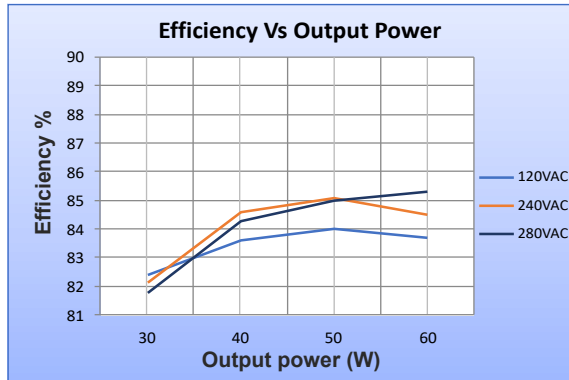


Figure 2

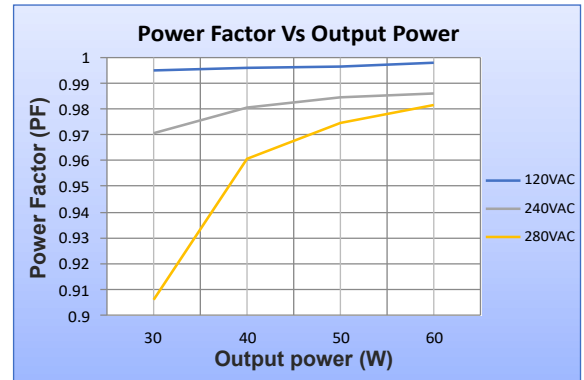
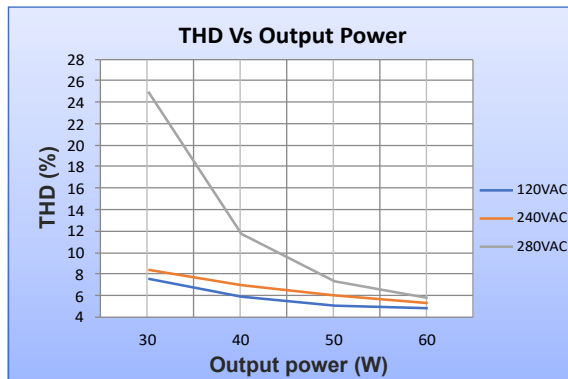
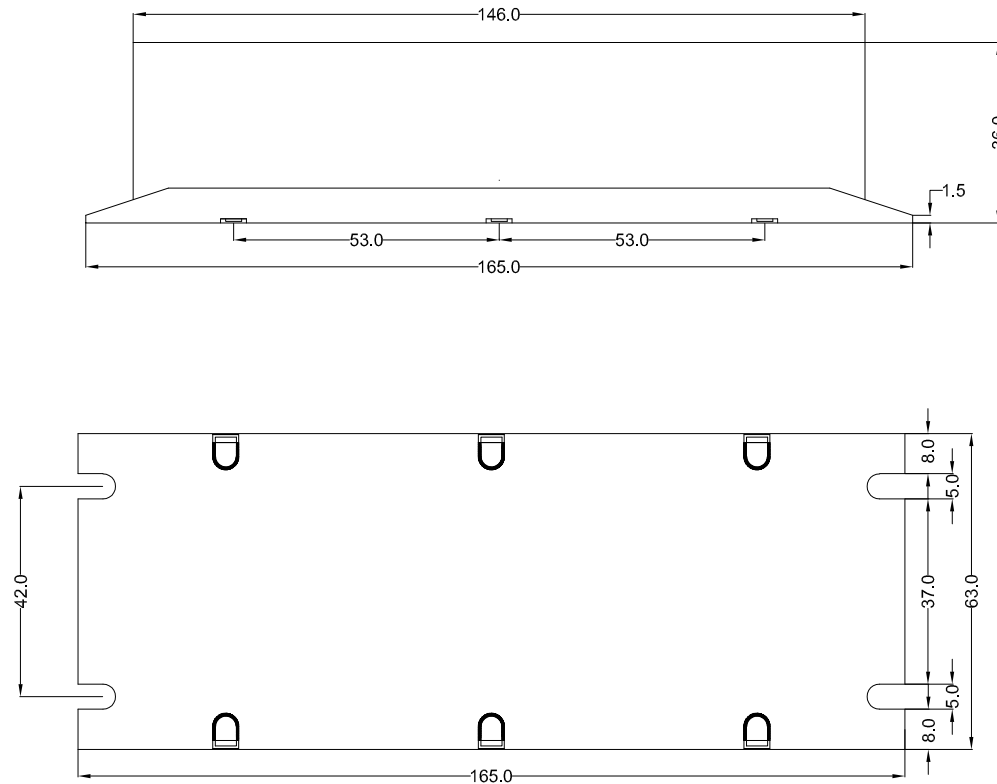


Figure 3



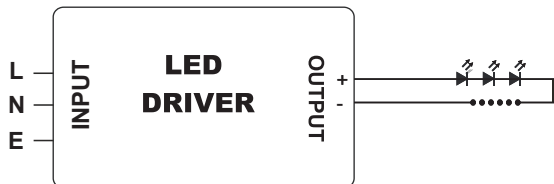
**Mechanical Data**



**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( $T_c$  max) under any circumstances.