

- 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, 50 Hz
Operating Input Voltage Range	120-300Vac, 50 Hz
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 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

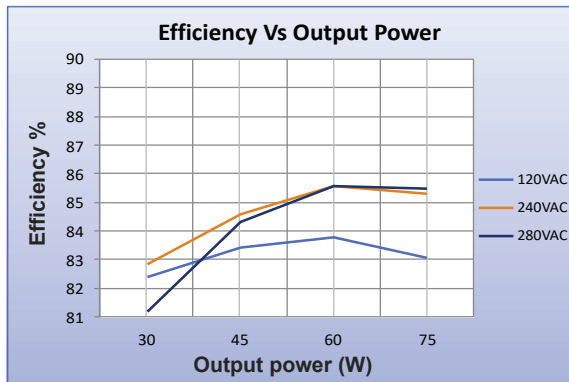


Figure 2

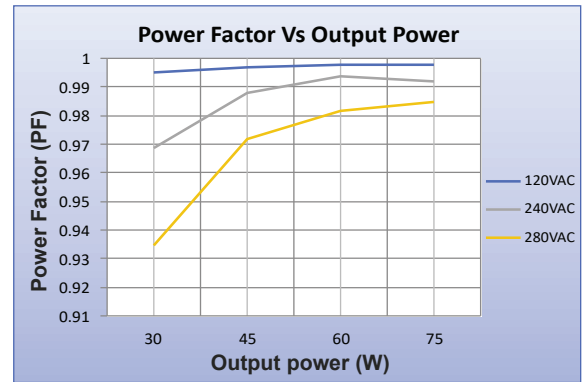
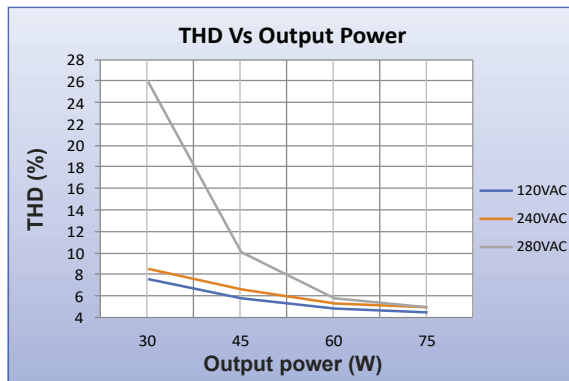
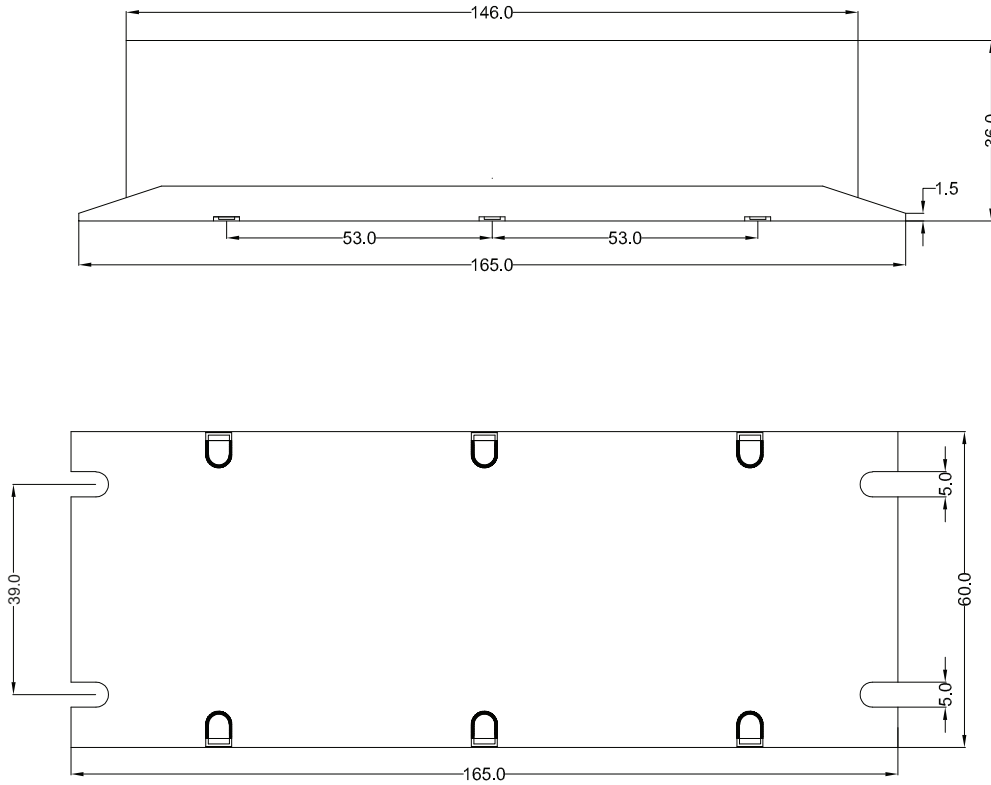


Figure 3



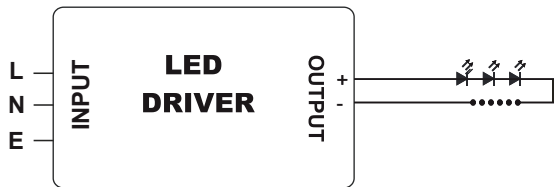
Mechanical Data



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.