



- Constant Current LED Driver
- Output Wattage: 23W
- Input Voltage: 240±15%, 50Hz
- Output Current: 650mA ±8%
- PC enclosure with Wire Connector
- Output voltage range of 24-36VDC
- Suitable For Dry and Damp Locations
- Surge Immunity 4KV
- 440Vac application @ 8Hrs
- OVP and UVP Cut-off
- IP 65

## General Specifications

Rated Input Voltage	240VAC ±15%, 50 Hz
Operating Input Voltage Range	100-320VAC, 50 Hz
Input Current	0.15 A Max.
Input Power	30W Max.
Power Factor	>0.95
THD	<10%
Efficiency	>85%
Driver Type	Isolated
Output Current	650mA ±8%
Output Voltage Range	24-36Vdc
No Load Output Voltage	45Vdc Max.
Output Power	23Watt
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 : Shutdown @ >325Vac, Auto recovery @ 300-315Vac, 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C Input Under Voltage : Shutdown <100Vac, Auto recovery 100Vac to 110Vac 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 ; IP 65 ; Dry and Damp Locations
Warranty	03 YEARS
Weight	0.23KG

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

Figure 1

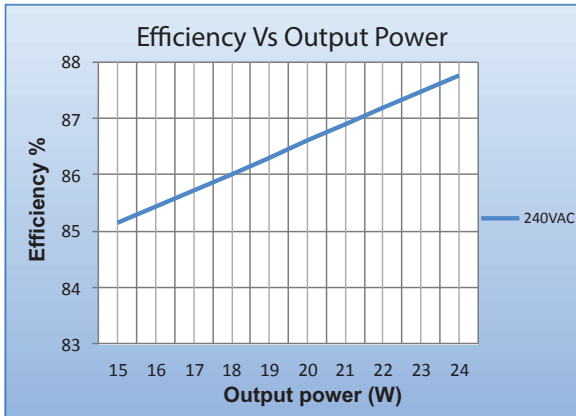


Figure 2

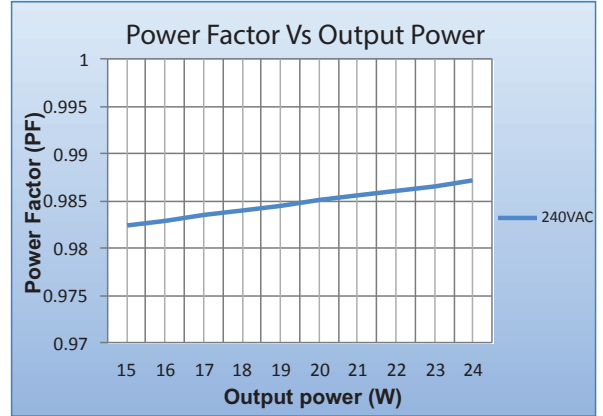


Figure 3

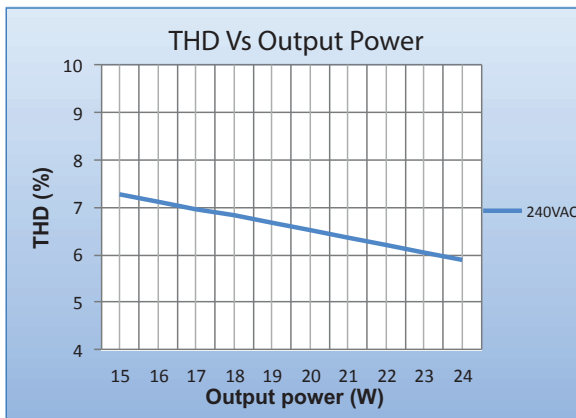


Figure 4

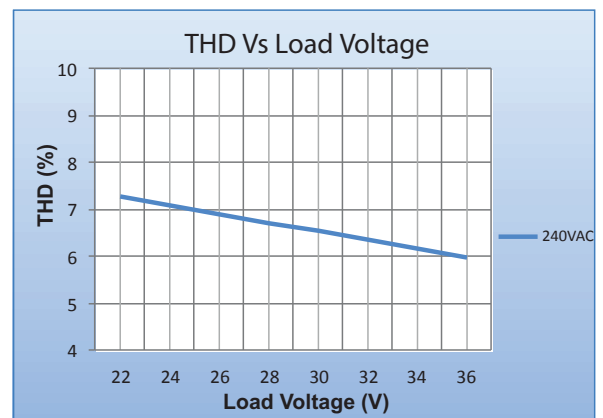
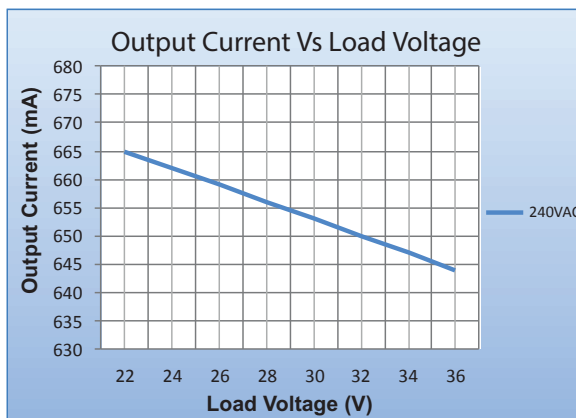
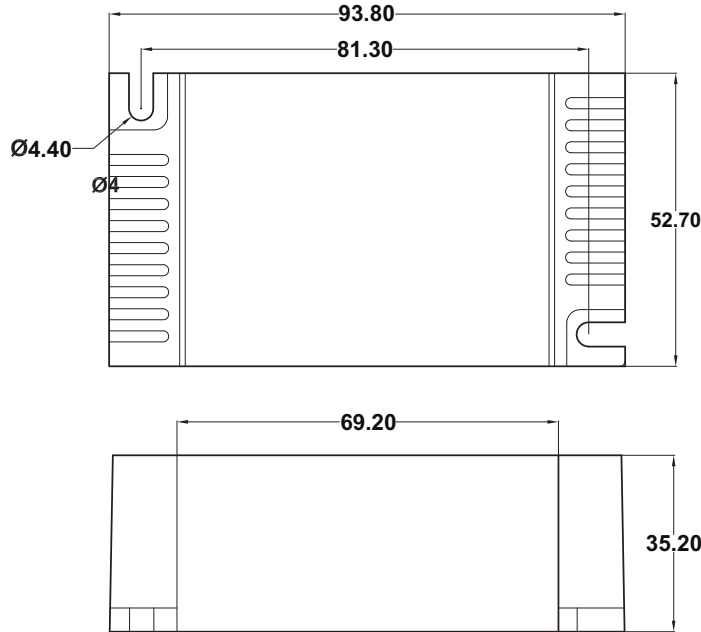


Figure 5



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **03 years @ Tc 75°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.

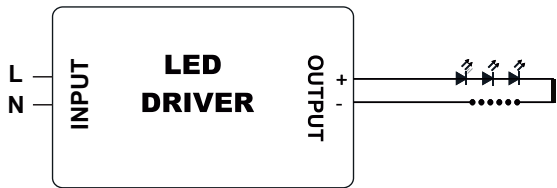
**Mechanical Data**



Note : All Dimensions are in mm.

Tolerance=±0.5mm

**Wiring Diagrams**



INPUT SIDE	LENGTH
BLACK	300 mm
WHITE	300 mm

OUTPUT SIDE	LENGTH
WHITE	200mm±10mm
GREY	200mm±10mm
Output wire with Connector	

**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.