



- Constant Current LED Driver
- Output Wattage: 18W
- Input Voltage: 240±15%, 50Hz
- Output Current: 500mA ±8%
- PC enclosure with Wires
- Output voltage range of 22-36VDC
- Only For Dry Locations
- Surge Immunity 4KV
- IP 20

### General Specifications

Rated Input Voltage	240VAC ±15%, 50 Hz
Operating Input Voltage Range	100-320VAC, 50 Hz
Input Current	0.12 A Max.
Input Power	23W Max.
Power Factor	>0.95
THD	<10%
Efficiency	>84%
Driver Type	Isolated, SELV Equivalent
Output Current	500mA ±8%
Output Voltage Range	22-36Vdc
No Load Output Voltage	45Vdc
Output Power	18Watt
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 : 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 Over Temperature : NA
Service Life	50,000 hours @ Tc Max
Approvals / Class	SELV Equivalent, Dry Locations IP 20
Warranty	03 YEARS
Weight	0.20KG

Note : The usage of a compatible\* SPD is mandatory for outdoor application.  
 \*Compatibility : Any SPD with Up (L-N) ≤ 1700V (Up- Voltage protection level as defined in IEC61643-11)  
 Recommended Fulham SPD - SPD1360S5A5K67



Figure 1

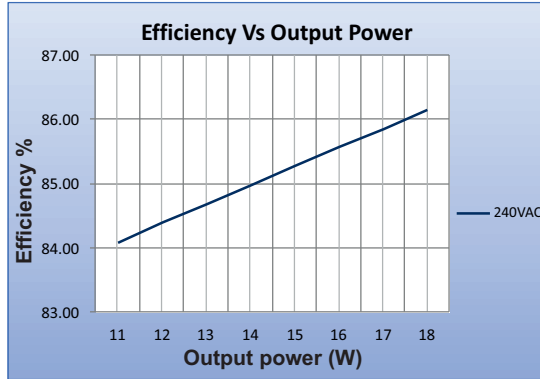


Figure 2

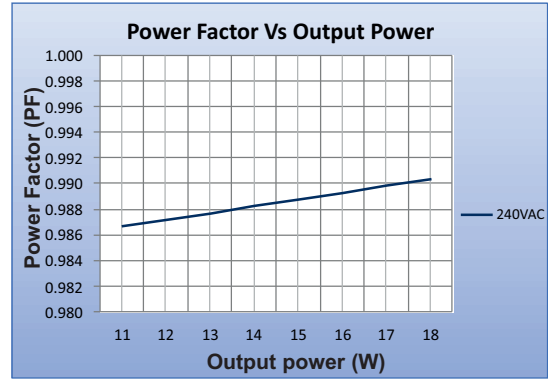


Figure 3

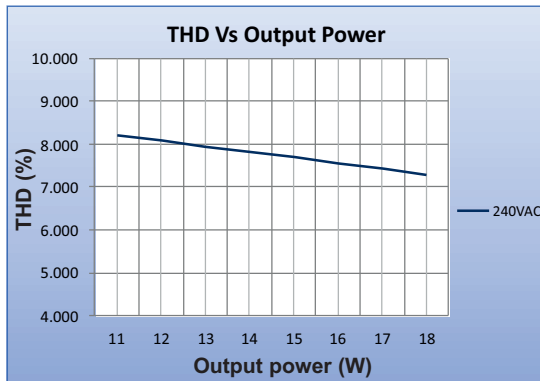


Figure 4

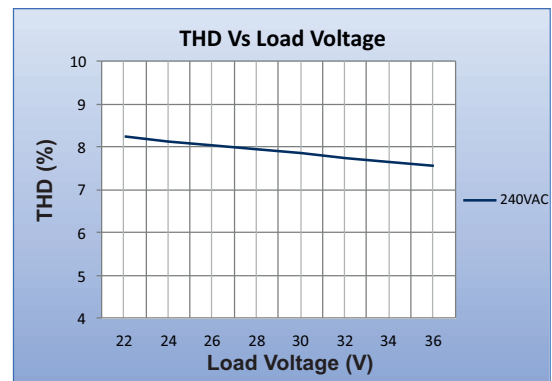


Figure 5

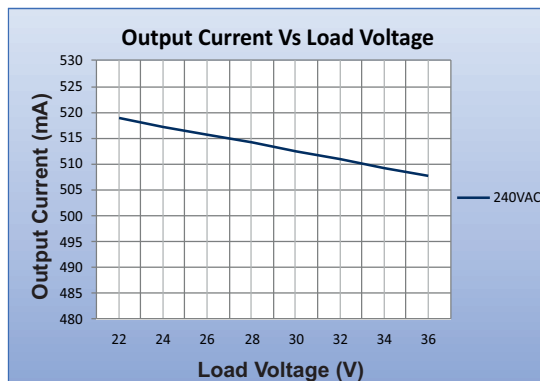
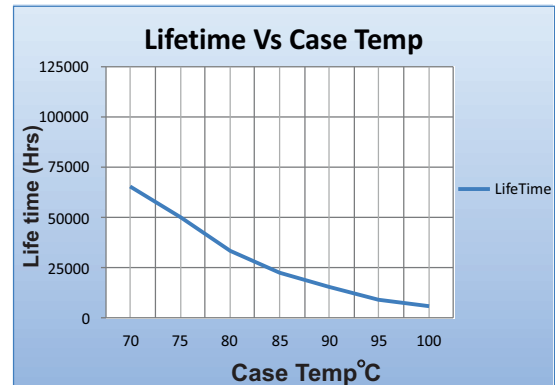


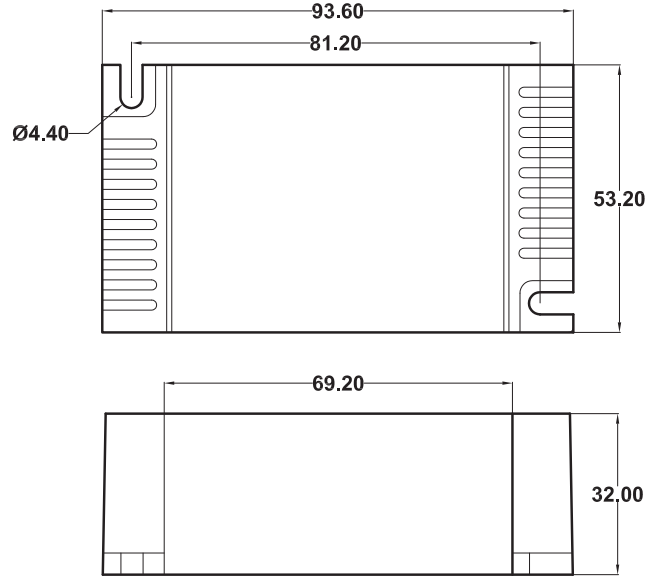
Figure 6



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 3 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.



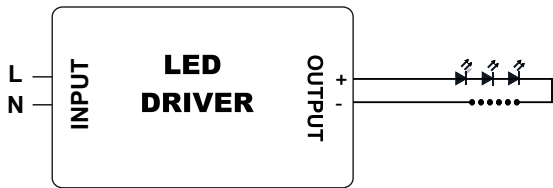
**Mechanical Data**



Note : All Dimensions are in mm.

Tolerance=±0.5mm

**Wiring Diagrams**



INPUT SIDE	LENGTH	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.