



- Constant Current LED Driver
- Output Wattage: 42W
- Input Voltage : 240±15%, 50Hz
- Output Current: 700mA±8%
- Wired; PC Enclosure
- Output voltage range of 40-60VDC
- Dry, Damp and Wet Locations
- 440Vac Protection
- Under Voltage Protection
- Over Voltage Protection

### General Specifications

Rated Input Voltage	240VAC ±15%, 50Hz
Operating Input Voltage Range	110VAC~320VAC, 50Hz
Input Current	0.51 A Max.
Input Power	51W Max.
Power Factor	>0.95
THD	<10% across load range specified
Efficiency	>86% across load range specified
Driver Type	Constant Current
Output Current	700mA ±8%
Output Voltage Range	40-60VDC
Output Power	42W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
RFI/EMI	NA
Output Type	Class II (IEC 61140)
Ambient Operating Temperature Range	-10°C to 50°C
Max. Case Temperature	80°C
Sound Rating	NA
Input Surge Protection	Line-Neutral 4kV DM
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : CUTOFF @ Vin>325Vac; AUTORECOVERY @ Vin = 300-315Vac : Immunity - 320Vac for 48 hours & 440Vac for 8 hours
	Input Under Voltage : CUTOFF @ Vin <100Vac; AUTORECOVERY @ Vin = 100-110Vac
	Output Short Circuit : Auto recovery
	Output Open Circuit : Auto recovery
	Output to ground short : YES
	Output Overload : YES
Over Temperature : NA	
Service Life	50,000 hours @ Tc Max
Approvals / Class	Dry, Damp and Wet Locations
Warranty	3 years
Weight	0.320Kg

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



Figure 1

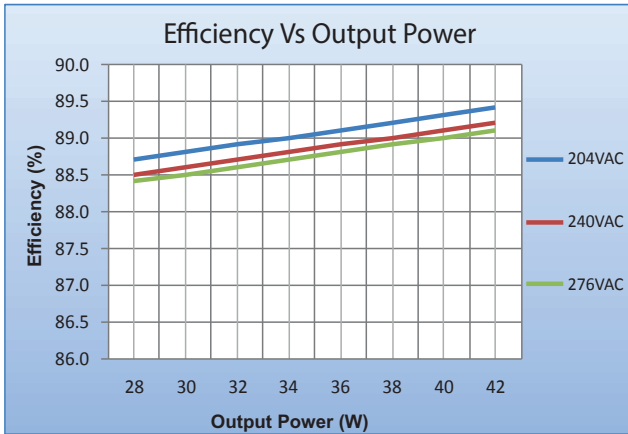


Figure 2

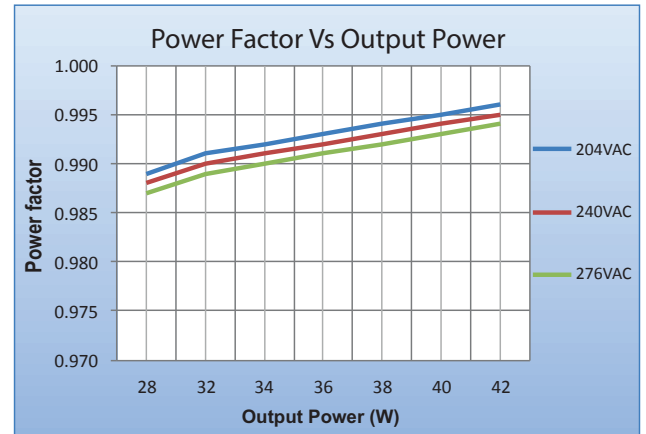


Figure 3

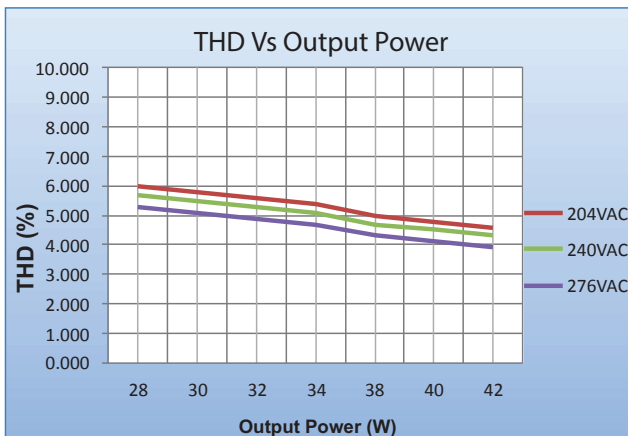


Figure 4

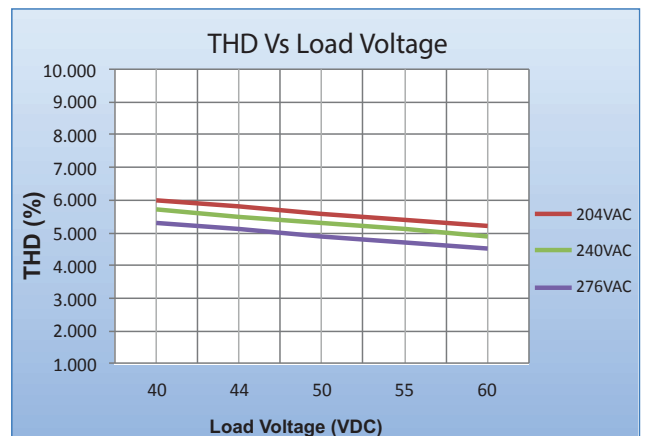
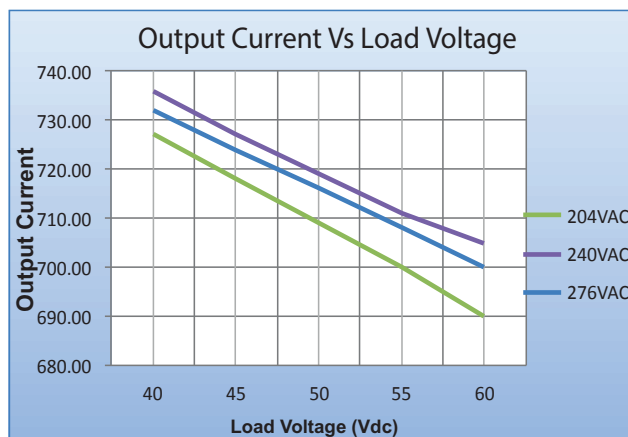


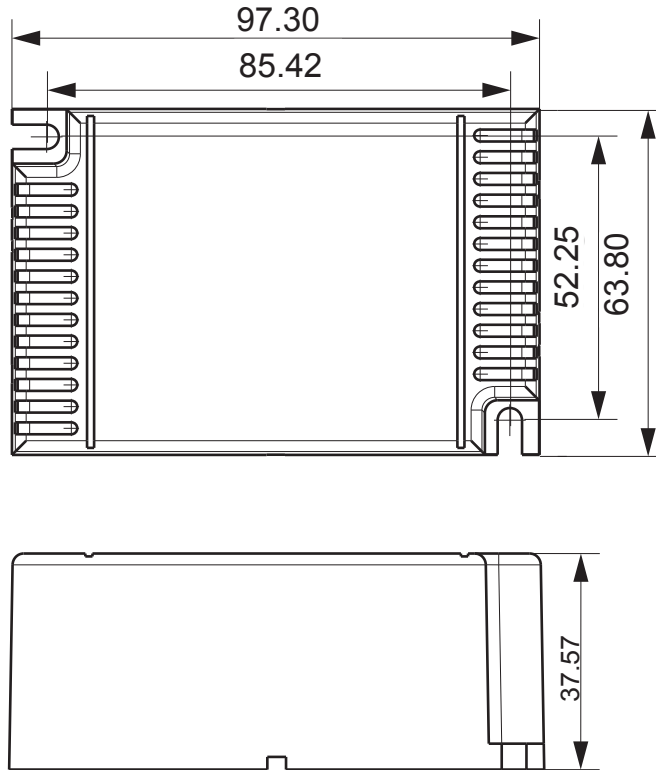
Figure 5



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc 80°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.



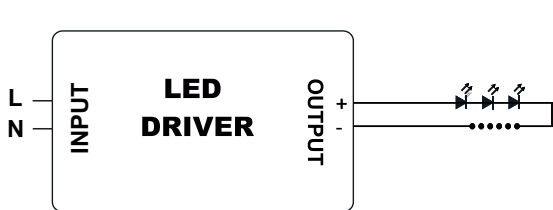
**Mechanical Data**



**Note : All Dimensions are in mm.**

Tolerance=±0.5mm

**Wiring Diagrams**



INPUT SIDE	LENGTH
BLACK	250 mm
WHITE	250 mm

OUTPUT SIDE	LENGTH
RED	250 mm
BLUE	250 mm
Output wire with Terminal: N. A.	

**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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