



- Constant Current LED Driver
- Output Wattage: 40W
- Input Voltage: 240VAC \pm 15%, 50Hz
- Output Current: 1000mA \pm 8%
- Wired; CRCA Enclosure
- Output voltage range of 30-40VDC
- Dry and Damp Locations
- SELV Equivalent
- Under Voltage Protection
- Over Voltage Protection
- 440Vac Protection

General Specifications

Rated Input Voltage	240VAC \pm 15%, 50Hz
Operating Input Voltage Range	110VAC~320VAC, 50Hz
Input Current	0.4 A Max.
Input Power	49W Max.
Power Factor	>0.95
THD	<10% across load range specified
Efficiency	>86% across load range specified
Driver Type	Constant Current
Output Current	1000mA \pm 8%
Output Voltage Range	30-40VDC
Output Power	40W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
RFI/EMI	NA
Output Type	Class II
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 @ V_{in} >325Vac; AUTORECOVERY @ V_{in} = 300-315Vac : Immunity - 320Vac for 48 hours & 440Vac for 8 hours
	Input Under Voltage : CUTOFF @ V_{in} <100Vac; AUTORECOVERY @ V_{in} = 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	SELV Equivalent, Dry and Damp Locations
Warranty	3 years
Weight	0.500Kg

Note : The usage of a compatible* SPD is mandatory for outdoor application.



Figure 1

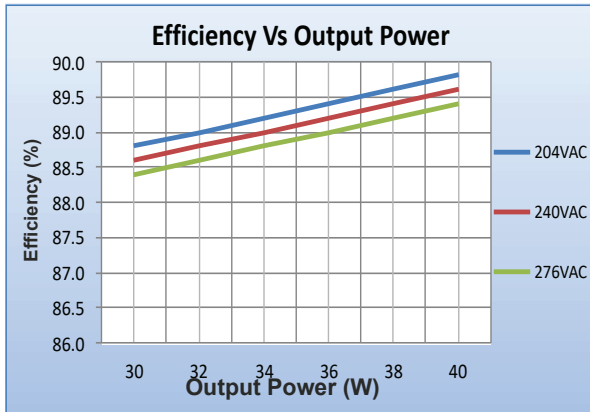


Figure 2

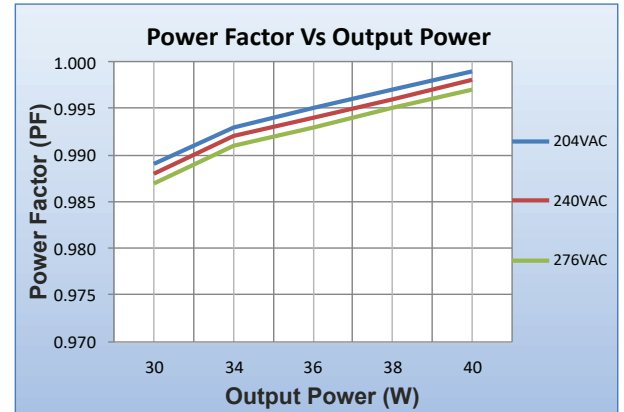


Figure 3

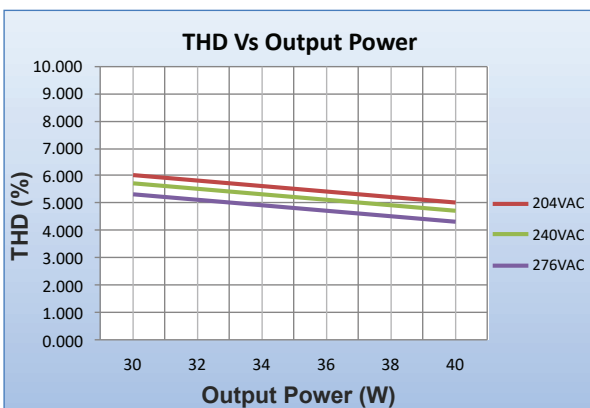


Figure 4

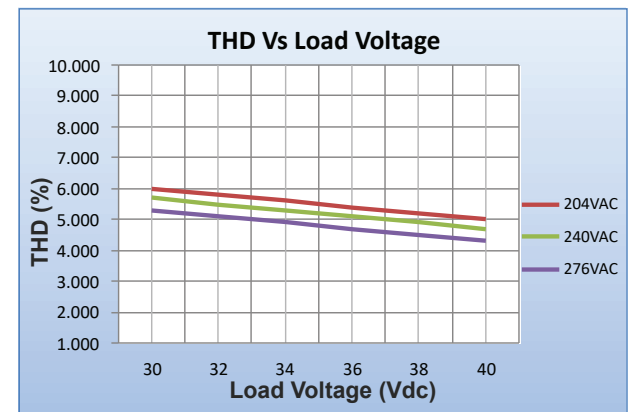
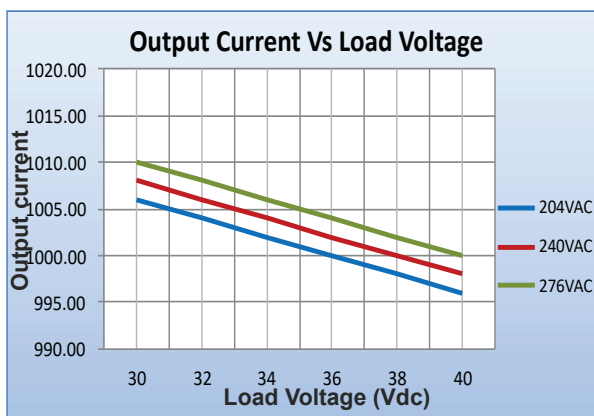
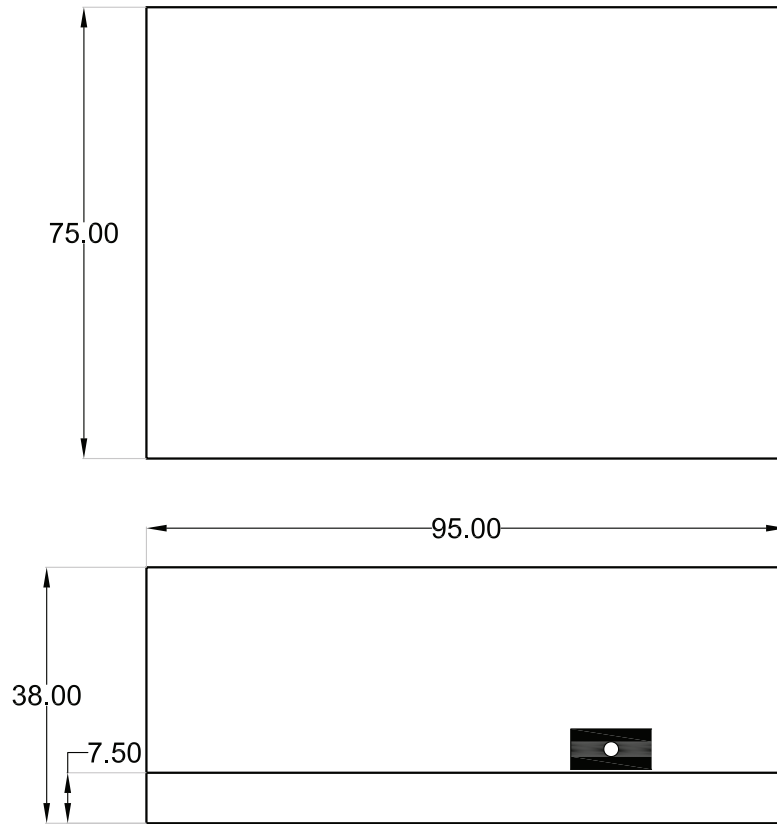


Figure 5



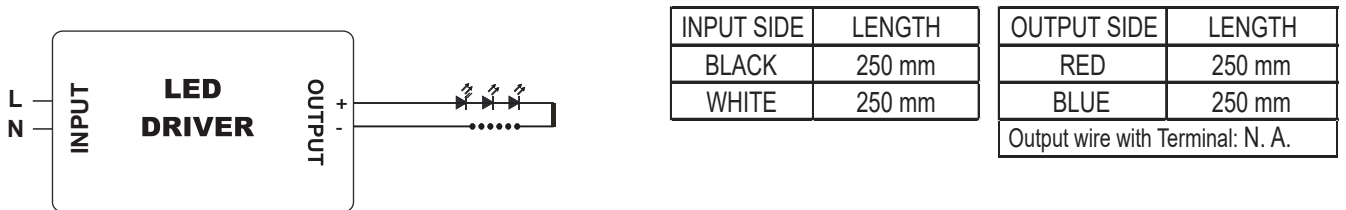
Mechanical Data



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams



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.

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). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.
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