



T12401200-46L

SPECIFICATIONS

IP 20 
SELV Equivalent

- Constant Current LED Driver
- Output Wattage: 46W
- Input Voltage: 240±15%,50Hz
- Output Current: 1200mA ±5%
- METAL (CRCA Powder Coated)
- Output voltage range of 24-38Vdc
- Dry Locations
- Surge Immunity 3KV

General Specifications

Rated Input Voltage	240Vac ± 15%,50Hz
Operating Input Voltage Range	100-320Vac,50Hz
Input Current	0.30 A Max.
Input Power	58W Max.
Power Factor	>0.95
THD	<10% @ Max Load
Efficiency	>85%
Driver Type	Isolated
Output Current	1200mA ±5%
Output Voltage Range	24-38Vdc
Optimum performance Range	30-38Vdc
No Load Output Voltage	48Vdc
Output Power	46Watt
Number of Output Channels	1 Channel
Stand By Time	NA
Dimming Controller Type/Dimming Range	NA
Output Type	Constant Current
Ambient Operating Temperature Range	-25°C to 50°C
Max. Case Temperature	65°C
Input Surge Protection	Line - Neutral 3KV DM, Line-Neutral-Earth 3KV
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, Suitable for Dry Locations, IP 20
Warranty	03 Years
Weight	0.235 Kg

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

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 3 years @ Tc 65°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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Figure 1

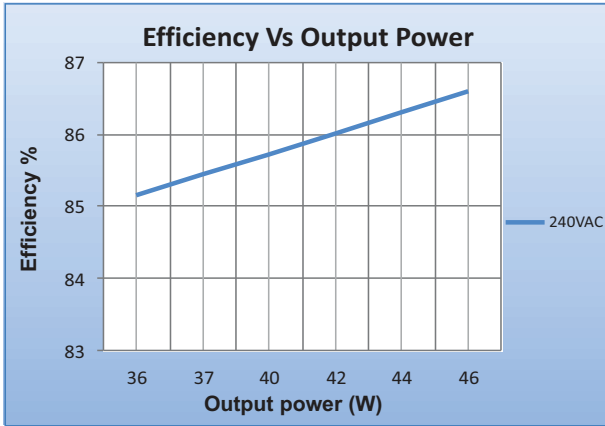


Figure 2

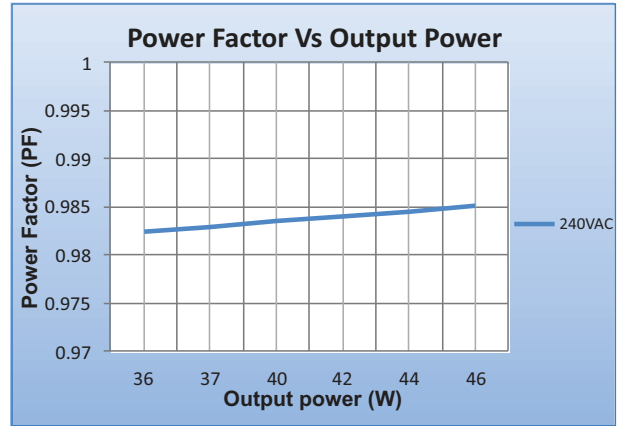


Figure 3

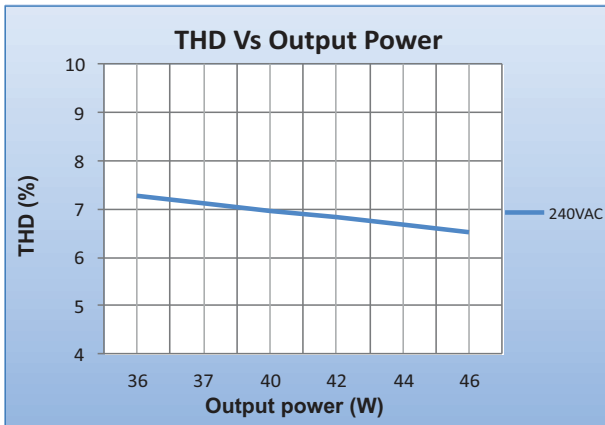


Figure 4

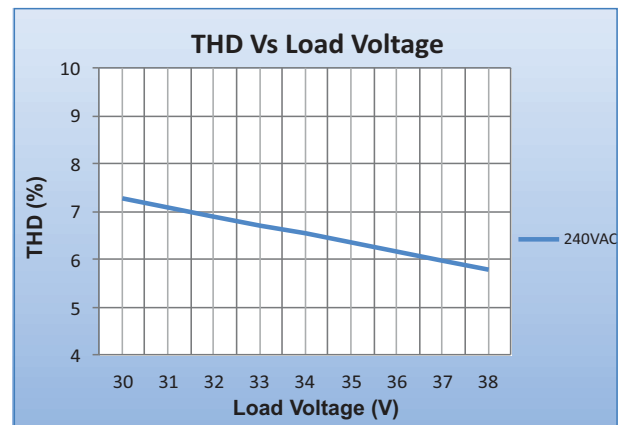
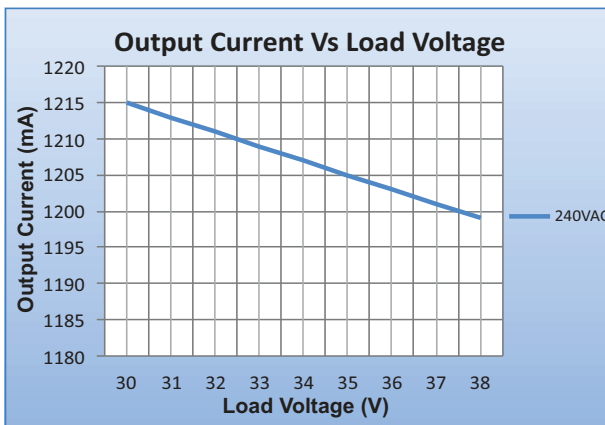
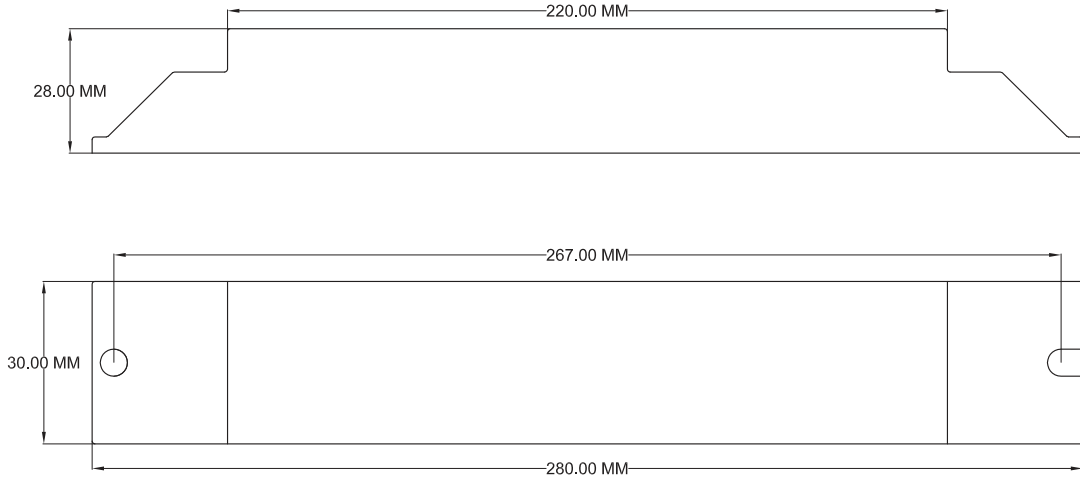


Figure 5



Mechanical Data



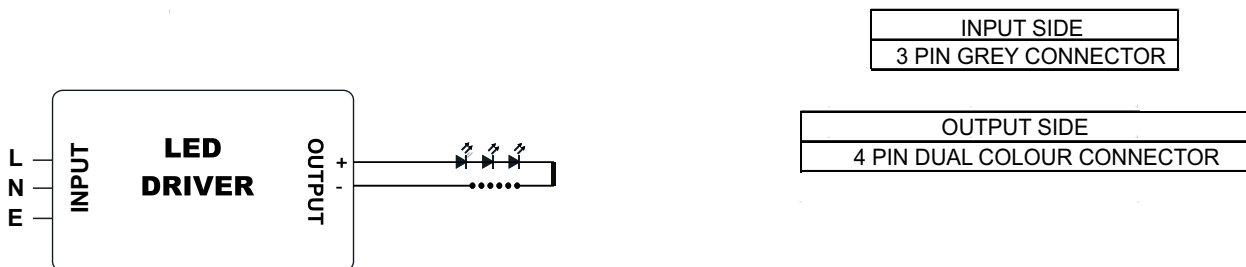
Product Image



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.

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