



T1240060J-24PB SPECIFICATIONS

IP 20
SELV Equivalent



- Constant Current Round LED Driver
- Output Wattage: 20 / 24W
- Output voltage range of 24-40Vdc
- Output Current: 500 or 600mA $\pm 7\%$
- Surge Immunity 4kV
- OVP and UVP Cut-off
- 440Vac application @ 8Hrs
- Suitable for Dry Locations
- PC Cabinet

General Specifications

Rated Input Voltage	220-240/240/230Vac,50/60Hz
Operating Input Voltage Range	130-325Vac,50/60Hz
Input Current	0.12A @ 240Vac
Input Power	27W Max.
Power Factor	>0.95
THD	<10%
Efficiency	>85%
Driver Type	Constant Current
Output Current	500 or 600mA $\pm 7\%$
Output Voltage Range	24~40Vdc
No Load Output Voltage	50Vdc Max
Output Power	24W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
Output Type	Class II
Ambient Operating Temperature Range	-10°C to +60°C
Max. Case Temperature	80°C
Input Surge Protection	Line-Neutral 4kV As per EN 61000-4-5
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Cutoff @ $V_{in} > 325\text{Vac}$, Auto Recovery Immunity - 440Vac for 8 Hours
	Input Under Voltage : Shutdown <100Vac, Auto recovery
	Output Short Circuit : Auto Recovery (HICCUP MODE)
	Output Open Circuit : Auto Recovery (HICCUP MODE)
	Output to Ground short : YES
	Output Overload : YES
Over Temperature : YES	
Service Life	30,000 hours @ $T_c \text{ Max}$ @ Rated Input Voltage
Approvals / Class	SELV Equivalent, Dry Locations
Warranty	3 Years
Weight	0.140 Kg

Note : All Performance Specified at Rated Input Voltage.
 The usage of a compatible SPD is recommended for outdoor application.
 Recommended Fulham SPD - SPD1230S5A5K54
 IP Protection to be taken care by Fixture .(Driver is IP 20 Protected)

Output Current Setting :

I_{rated} (mA)	Output Current Setting	P_{rated} (W)
500	OPEN	20
600	SHORT	24

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 3 years @ $T_c \text{ Max}$ 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

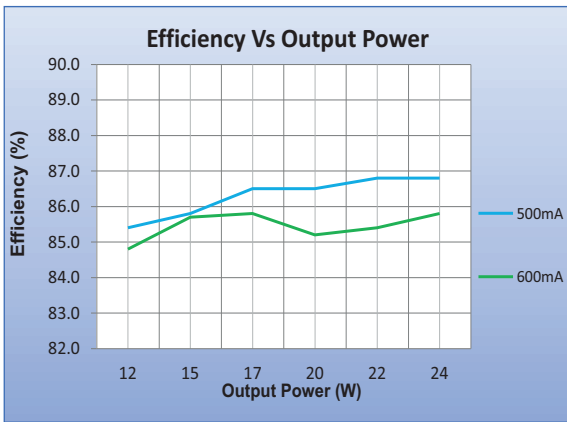


Figure 2

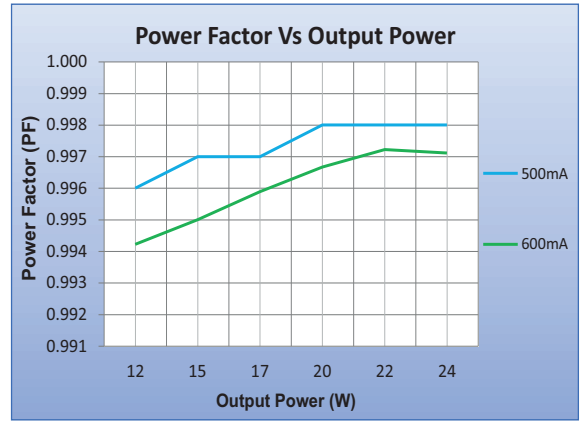


Figure 3

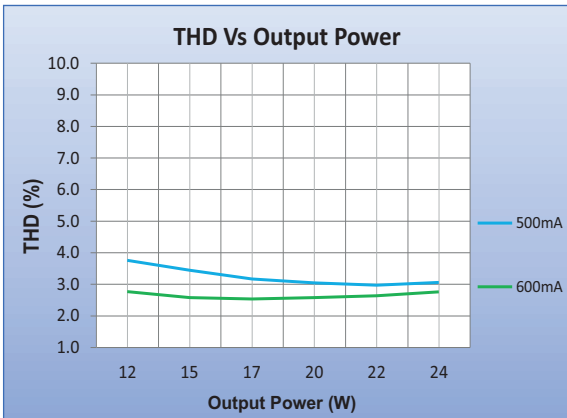


Figure 4

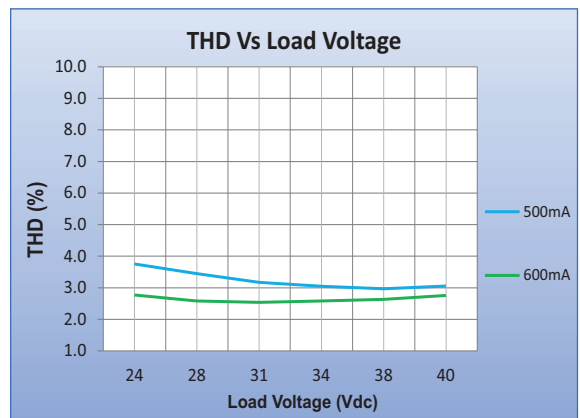


Figure 5

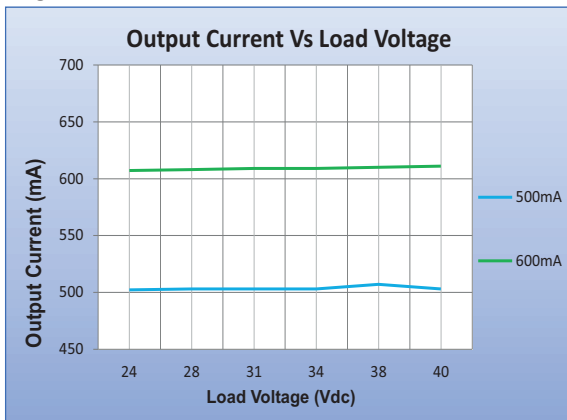
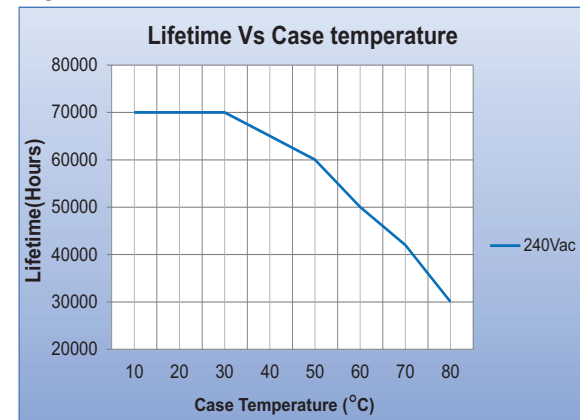


Figure 6

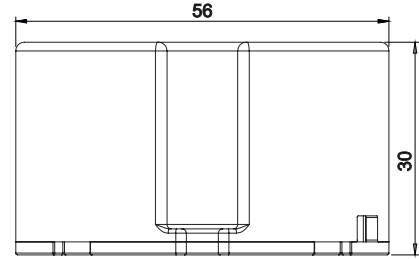
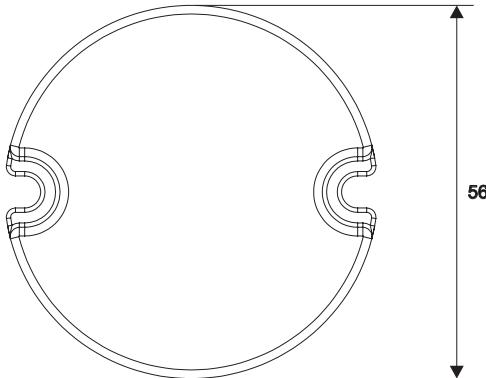


* All the above test data is at Rated Input Voltage.

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Mechanical Data :



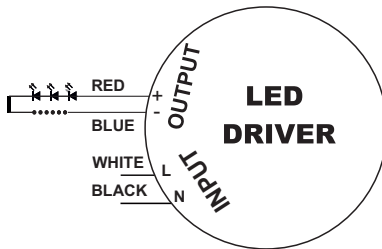
FRONT VIEW

Product Image



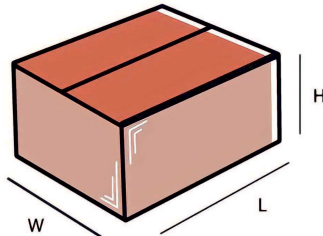
Note : All Dimensions are in mm. Tolerance=±0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	175±5mm	RED (+)	175±5mm
WHITE (N)		BLUE (-)	

Packaging



Master carton

OUTER DIMENSION		
L	W	H
7.67"(195mm)	7.67"(195mm)	5.51"(140mm)
Net Weight	Gross Weight	QUANTITY
12.12 lbs. (5.5 kg)	13.0 lbs. (5.9 kg)	36 pc.

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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