



- 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 @ 48Hrs
- Suitable for Dry Locations
- PC Cabinet
- Application - Shop, Retail & Hospitality

## General Specifications

Rated Input Voltage	240Vac $\pm 20\%$ , 50Hz
Operating Input Voltage Range	120-320Vac, 50Hz
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 @ $V_{in} > 320\text{Vac}$ , Auto Recovery Immunity - 440Vac for 48 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 @ $T_c$ Max
Approvals / Class	SELV Equivalent, Dry Locations
Warranty	3 Years
Weight	0.140 Kg

Note : All Performance Specified at 240Vac @ Full Load.  
Recommended to be used only for Indoor Application.

### 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 @  $T_c$  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](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.  
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Figure 1

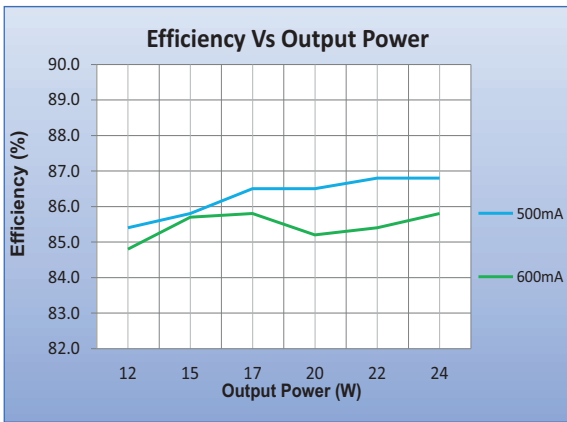


Figure 2

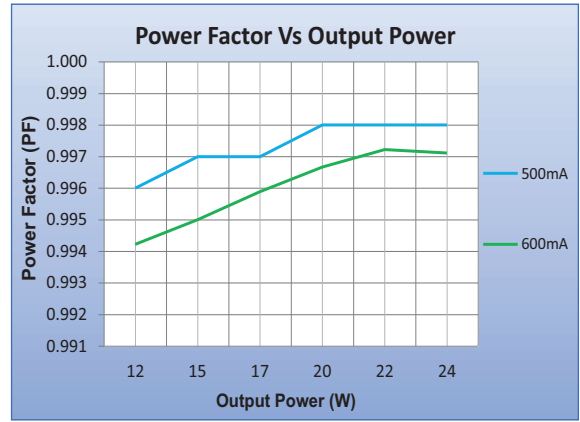


Figure 3

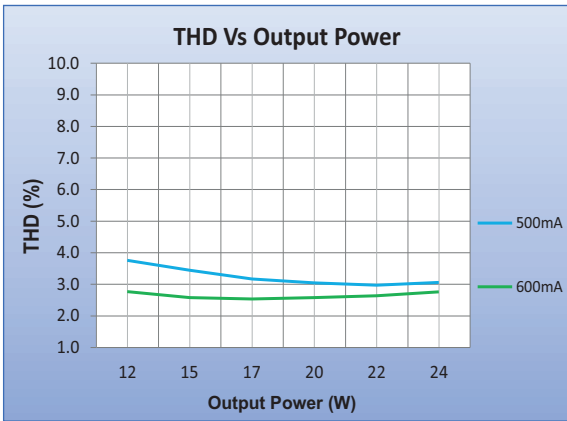


Figure 4

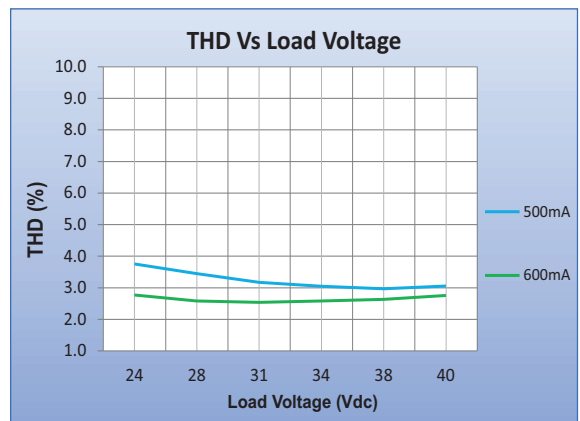
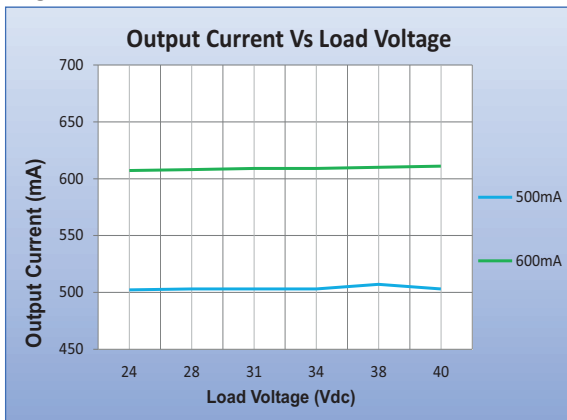
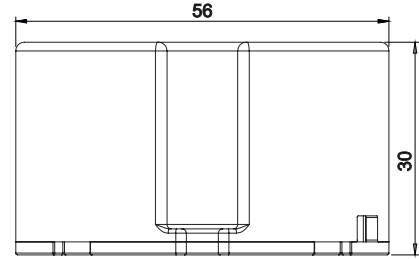
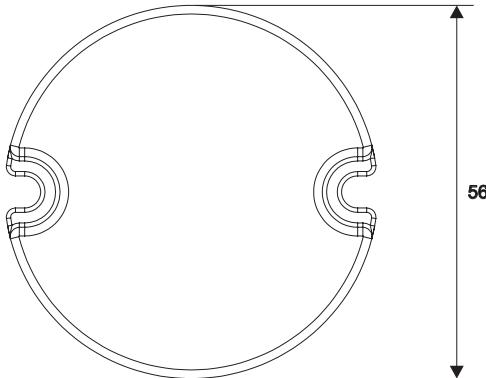


Figure 5



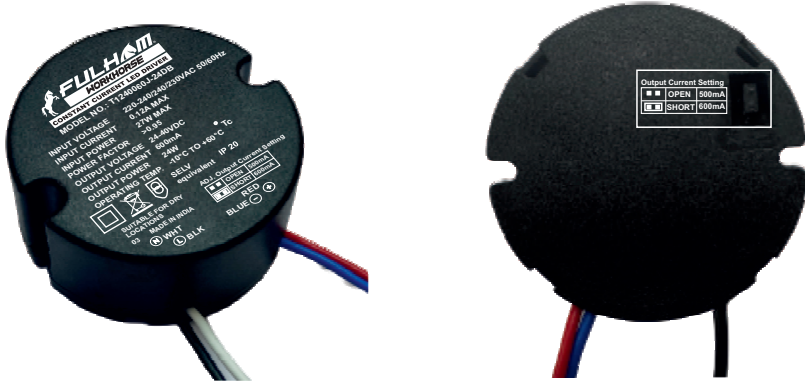


**Mechanical Data :**



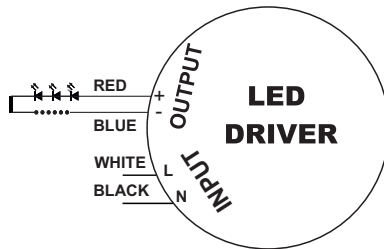
FRONT VIEW

**Product Image**



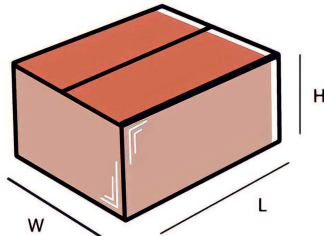
**Note :** All Dimensions are in mm. Tolerance=±0.5mm

**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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