

- Constant Current Round LED Driver
- Output Wattage: 4 / 6W
- Output voltage range of 24-40Vdc
- Output Current: 100mA or 150mA  $\pm 7\%$
- PC Cabinet
- Surge Immunity 3kV
- OVP and UVP Cut-off
- Suitable for Dry Locations
- Application  
- Shop, Retail & Hospitality

## General Specifications

Rated Input Voltage	220-240/240/230Vac,50/60Hz
Operating Input Voltage Range	120-300Vac,50/60Hz
Input Current	0.04A @ Rated I/P Voltage & Full Load
Input Power	8W @ Rated I/P Voltage & Full Load
Power Factor	>0.9 @ Rated I/P Voltage & Full Load
THD	<15% @ Rated I/P Voltage & Full Load
Efficiency	>77% @ Rated I/P Voltage & Full Load
Driver Type	Constant Current
Output Current	100mA or 150mA $\pm 7\%$ @ Rated I/P Voltage & Full Load
Output Voltage Range	24 - 40Vdc
No Load Output Voltage	50Vdc Max
Output Power	6W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
Output Type	Class II (Isolation Between Input/Output 2.5KV)
Ambient Operating Temperature Range	-10°C to +60°C
Max. Case Temperature	75°C
Input Surge Protection	Line-Neutral 3kV As per EN 61000-4-5
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Cutoff @ $V_{in} > 300V_{ac}$ , Auto Recovery Immunity - 320Vac for 48 Hours, 360Vac for 2 Hours
	Input Under Voltage : Shutdown $< 100V_{ac}$ , Auto recovery
	Output Short Circuit : Auto Recovery (HICCUP MODE)
	Output Open Circuit : Auto Recovery (HICCUP MODE)
	Output to Ground short : NA
	Output Overload : YES
Over Temperature : YES	
Service Life	30,000 hours @ $T_c$ Max
Approvals / Class	SELV Equivalent, Dry Locations
Warranty	3 Years
Weight	0.045 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	$P_{rated}(W)$
100	OPEN	4
150	SHORT	6

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

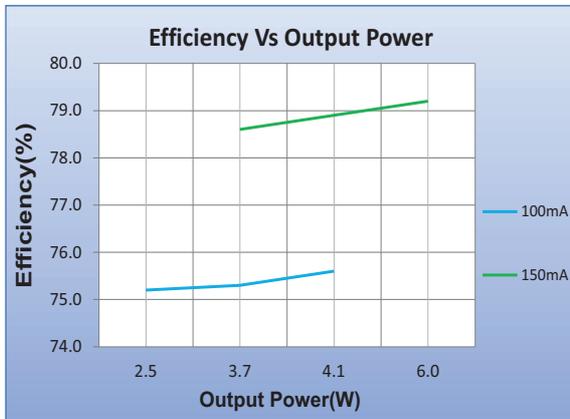


Figure 2

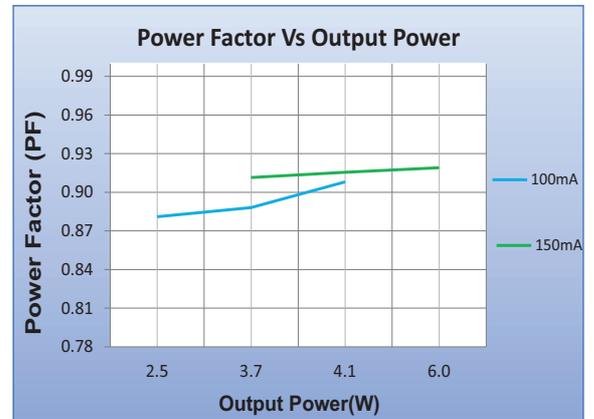


Figure 3

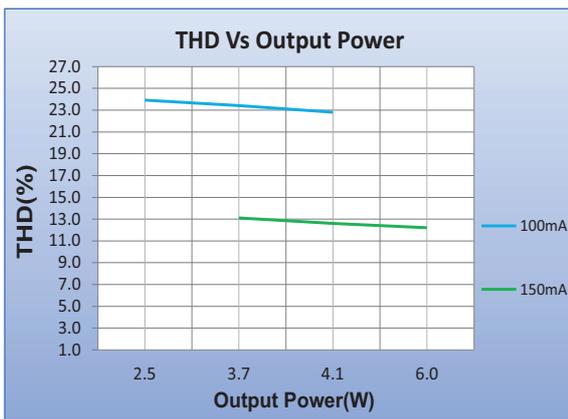


Figure 4

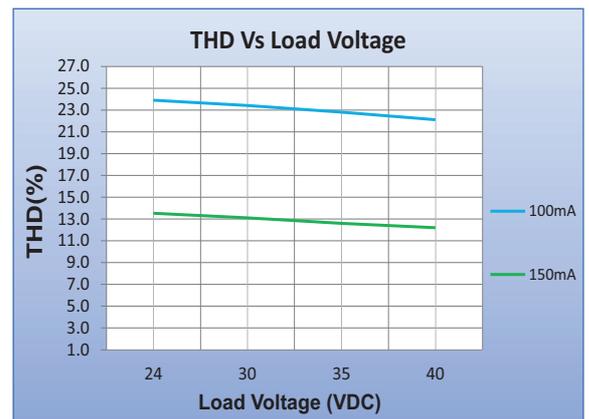
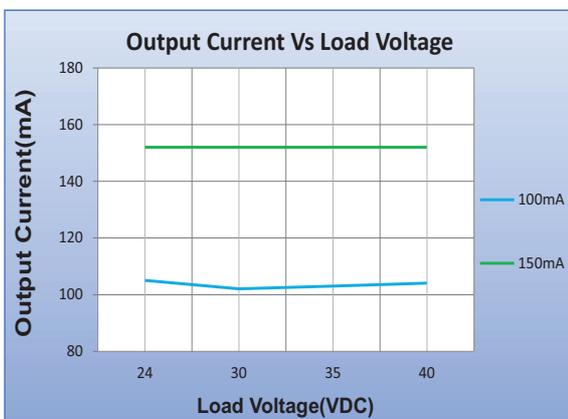
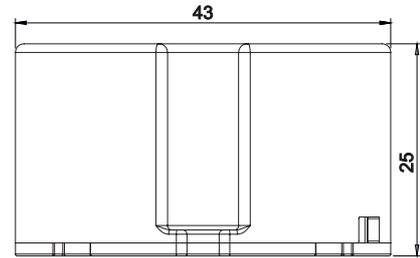
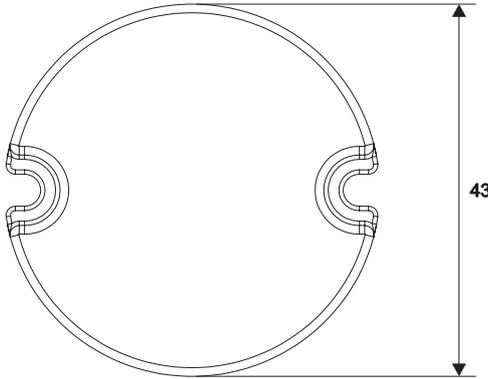


Figure 5





**Mechanical Data :**



FRONT VIEW

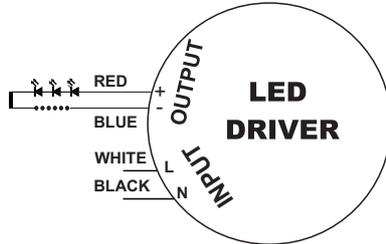
**Product Image**



Note : All Dimensions are in mm

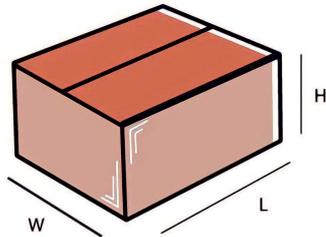
Tolerance=±0.5mm

**Wiring Diagrams**



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

**Packaging**

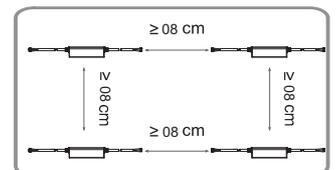


**Master carton**

OUTER DIMENSION		
L	W	H
215mm	155mm	130mm
Net Weight	Gross Weight	QUANTITY
2.16 kg	2.40kg	48 pc.

**Installation Instructions:**

- The driver should be installed in a dry, acid-free, oil free, fat-free environment.
- Do not exceed the declared Hot spot temperature(Tc max) under any circumstances.
- ≥ 08 cm clearance must be kept between the drivers as per installation diagram, When multiple drivers used.



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