



- Constant Current LED Driver
- Output Wattage: 100W
- Output Current: 700mA \pm 7%
- Output voltage range of 115~144Vdc
- CRCA enclosure with Wires
- Suitable for Dry and Damp Locations
- 440Vac application @ 8Hrs
- Sleek Model
- Surge Immunity 4kV
- OVP and UVP Cut-off
- Thermal foldback

General Specifications

Rated Input Voltage	220-240/240/230Vac,50/60Hz
Operating Input Voltage Range	120-320Vac,50Hz
Input Current	0.48A @ Rated Input Voltage & Full Load
Input Power	116W
Power Factor	>0.95 @ Rated Input Voltage & Full Load
THD	<10% @ Rated Input Voltage & Full Load
Efficiency	>86% @ Rated Input Voltage & Full Load
Driver Type	Class I (Earthing/Grounding mandatory)
Output Current	700mA \pm 7%
Output Voltage Range	115-144Vdc
Output Power	100W Typical
Number of Output Channels	1 Channel
Output Type	Constant Current
Output Ripple Current	<30%
Startup Time	600ms Typical,1sec Max @ 240Vac
Inrush Current	<13A @ 240Vac
Ambient Operating Temperature Range	-10°C to 55°C
Max.Case Temperature	80°C Tc Max.
Input Surge Protection	Line-Neutral 4kV, Line & Neutral-Ground 4kV as per EN 61000-4-5
Protections	Input Over Current : NON-Resettable Input Over Voltage : Shutdown @ 325 \pm 10Vac, Auto recovery @ 295-310Vac 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C Input Under Voltage : Shutdown <100Vac , Auto recovery @ 90-110Vac Output Short Circuit : Auto recovery (HICCUP MODE) Output to Ground short : Yes Output Overload : Yes Over Temperature : Fold back @ Tc 85°C \pm 5°C
ServiceLife	50,000 hours @ Tc Max
Approvals/Class	Class I, Dry and Damp Locations, IP 54
Warranty	5 Years
Weight	0.43Kg

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

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Figure 1

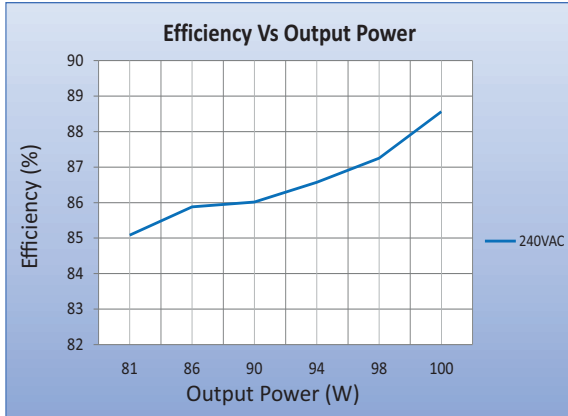


Figure 2

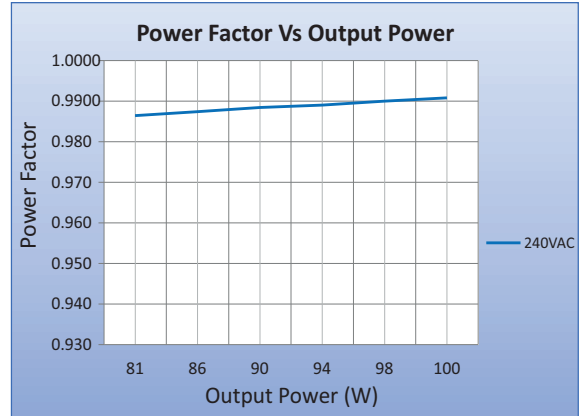


Figure 3

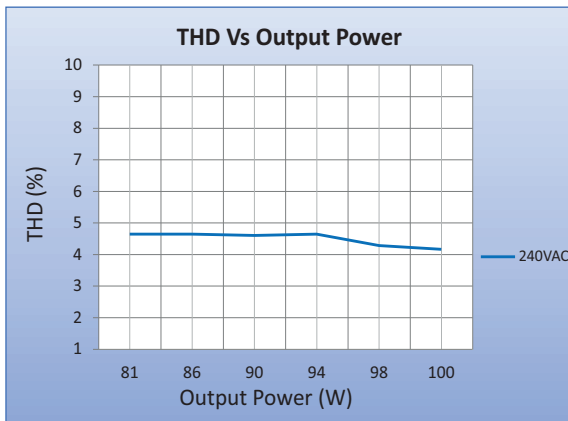


Figure 4

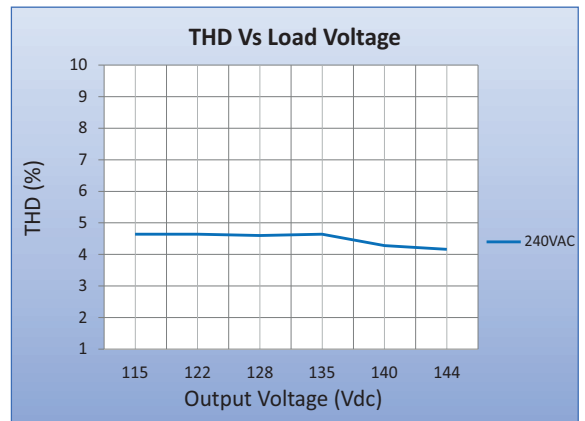


Figure 5

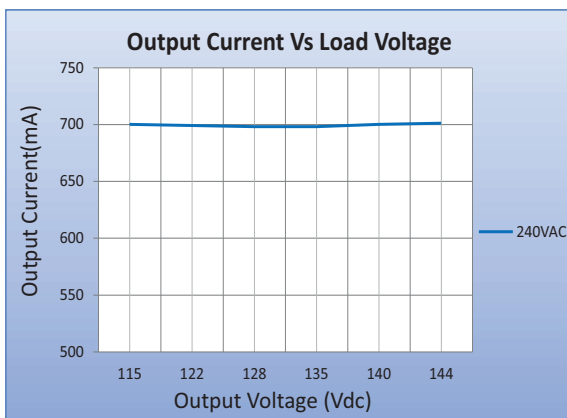
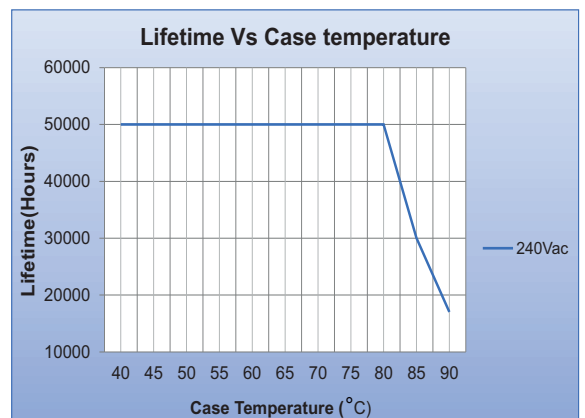


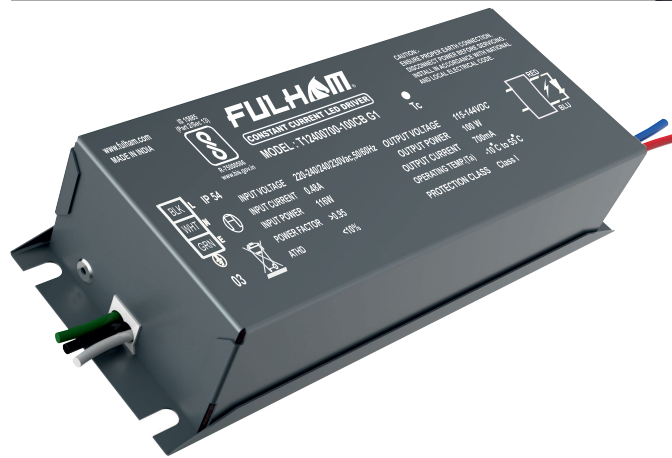
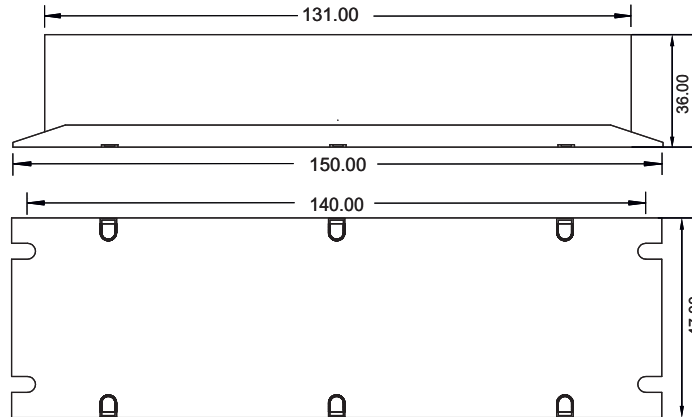
Figure 6



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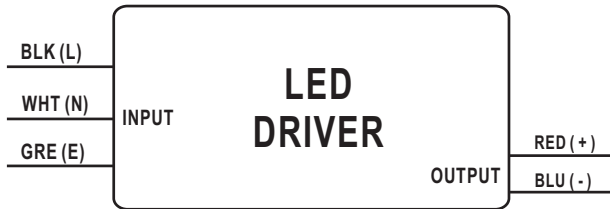
Mechanical Data



Note : All Dimensions are in mm

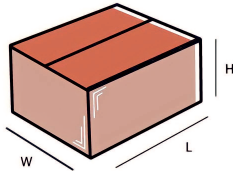
Tolerance=±0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT	LENGTH
BLACK (L)	200±5mm	RED (+)	200±5mm
WHITE (N)		BLUE (-)	
GREEN (E)			

Packaging

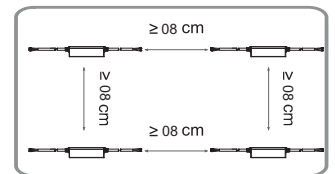


Master carton

OUTER DIMENSION		
L	W	H
220mm	155mm	120mm
Net Weight	Gross Weight	QUANTITY
5.16 kg	5.4 kg	12 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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