



- Constant Current LED Driver
- Output Wattage: 112W
- Nominal Input Voltage: 240Vac, 50Hz
- Output Current : 700mA \pm 7%
- CRCA enclosure with Wires
- Output Voltage range of 120-160Vdc
- Suitable for Dry and Damp Locations
- Flicker Free: O/P Ripple current $< 5\%$ (LF $< 200\text{Hz}$)
- Surge Immunity 4KV
- OVP and UVP Cut-off
- 440Vac application @ 8Hrs

General Specifications

Rated Input Voltage	230Vac \pm 20%, 50Hz
Operating Input Voltage Range	120-300Vac, 50Hz
Input Current	0.55A Max (Typical @ 240Vac)
Input Power	127W (Typical @ 240Vac)
Power Factor	> 0.96 ^①
THD	$< 10\%$ ^①
Efficiency	$\geq 88\%$ ^②
Driver Type	Class I
Output Current	700mA \pm 7%
Output Voltage Range	120-160Vdc
Output Power	112W
Number of Output Channels	1 Channel
Output Type	Constant Current
Ambient Operating Temperature Range	-20°C to 55°C
Max. Case Temperature	85°C 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 @ $> 330\text{Vac}$, Auto recovery @ $315 \pm 10\text{Vac}$ 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C
	Input Under Voltage : Shutdown $< 120\text{VAC}$, Auto recovery @ 100-120Vac
	Output Short Circuit : Auto recovery (HICCUP MODE)
	Output to Ground short : YES
	Output Overload : YES
	Over Temperature : Foldback at $T_c 90^\circ\text{C} \pm 5^\circ\text{C}$
Service Life	50,000 hours @ T_c Max
Approvals / Class	Class I (IEC 61140), Dry and Damp Locations
Warranty	5 Years
Weight	0.650Kg

Note : The usage of a compatible SPD is recommended for outdoor application.

Recommended Fulham SPD - SPD1230S5A5K54

① 230Vac \pm 20% at Full load.

② 240Vac at Full load.



Figure 1

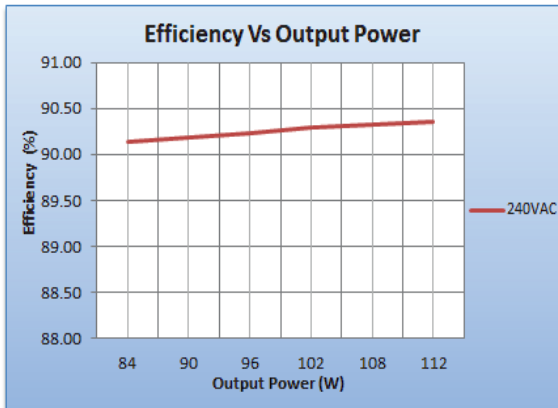


Figure 2

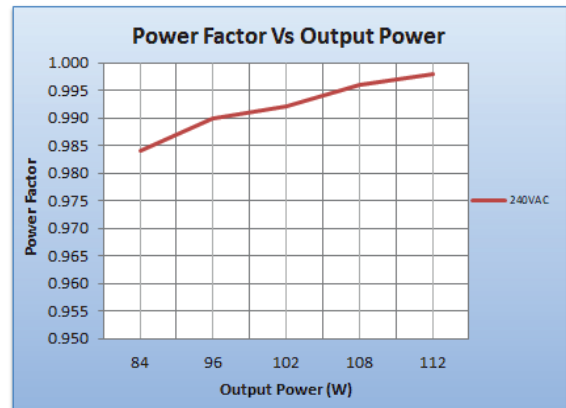


Figure 3

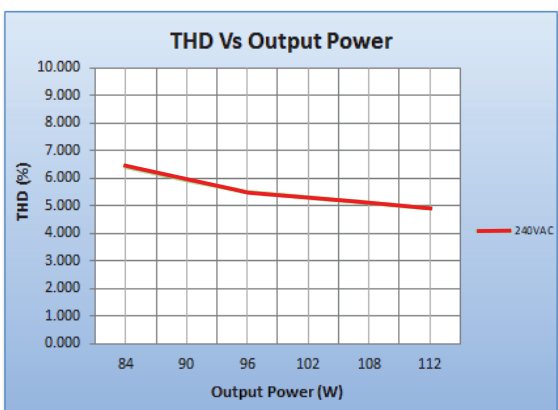


Figure 4

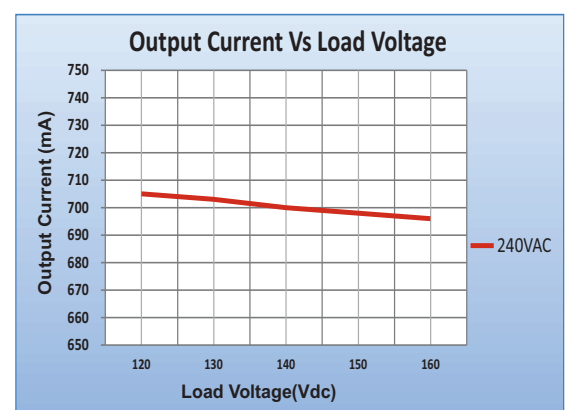
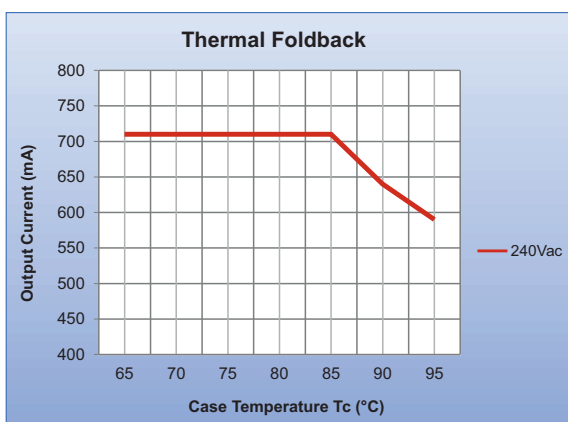
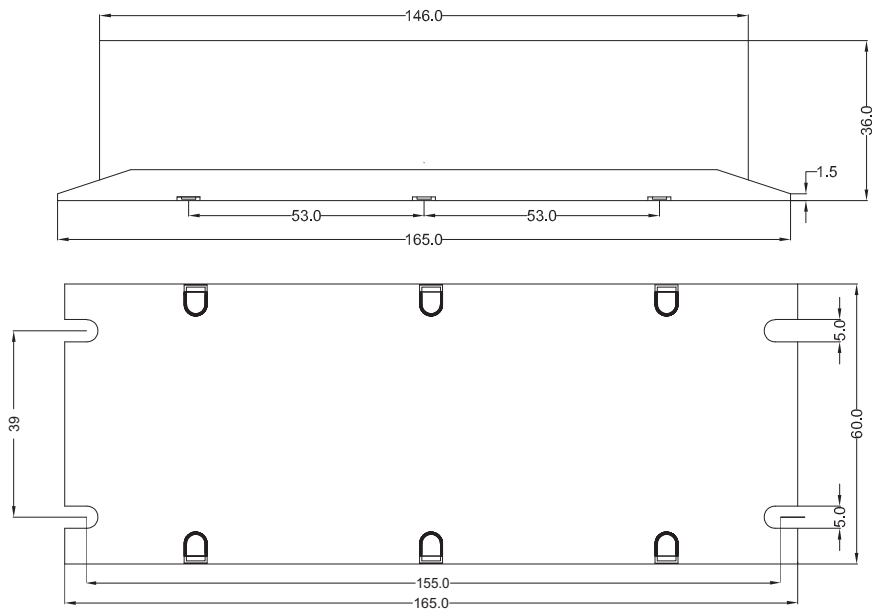


Figure 5

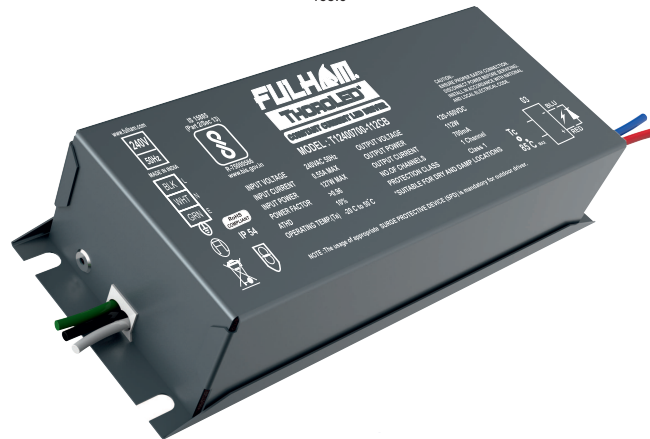




Mechanical Data



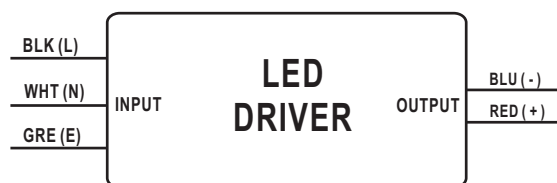
Product Image



Note : All Dimensions are in mm.

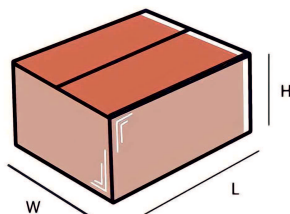
Tolerance = $\pm 0.5\text{mm}$

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	300 \pm 5mm	BLUE (-)	300 \pm 5mm
WHITE (N)		RED (+)	
GREEN (E)			

Packaging



Master carton

OUTER DIMENSION		
L	W	H
215mm	170mm	85mm
Net Weight	Gross Weight	QUANTITY
3.9 kg	4.2kg	06 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(T_c max) under any circumstances.