

- Constant Current LED Driver
- Output Wattage: 112W
- Nominal Input Voltage: 240Vac,50Hz
- Output Current: 700 ±7%
- CRCA enclosure with Wires
- Output voltage range of 120-160 Vdc
- Suitable for Dry and Damp Locations
- 440Vac application @ 8Hrs
- Surge Immunity 4KV/4KV
- OVP and UVP Cut-off
- IP 54

General Specifications

Rated Input Voltage	230Vac ± 20%,50Hz
Operating Input Voltage Range	100-300Vac,50Hz
Input Current	0.55A Max (Typical @ 240Vac)
Input Power	127W (Typical @ 240Vac)
Power Factor	>0.96 ^①
THD	<10% ^①
Efficiency	≥88% ^②
Driver Type	Class I
Output Current	700mA ± 7%
Output Voltage Range	120-160Vdc
Output Power	112W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	Analog Dimming, 0-10Vdc (0-100%)
Output Type	Constant Current
Ripple Current	<10% (I _{pk} / I _{rms})
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
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Shutdown @ >325Vac, Auto recovery @310 ± 10Vac @ 50°C 440Vac for 8 hours @35 °C, 320Vac for 48 hours @ 50°C
	Input Under Voltage : Shutdown < 95VAC, Auto recovery 110 Vac ±5Vac
	Output Short Circuit : Auto recovery (HICCUP MODE)
	Output to Ground short : YES
	Output Overload : YES
	Over Temperature : Foldback at Tc 93°C ± 3°C
Service Life	50,000 hours @ Tc Max
Approvals / Class	Class I (IEC 61140), Dry and Damp Locations
Warranty	3 Years
Weight	0.650 kg

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

① 230Vac ± 20% at Max load.

② 240Vac at Full load.

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Figure 1

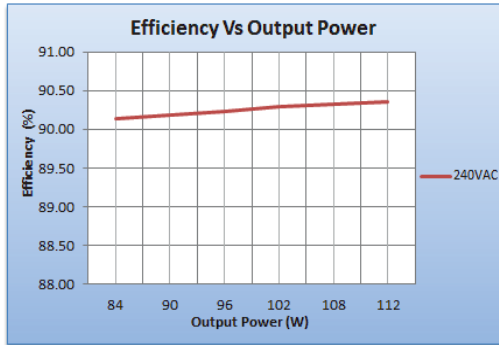


Figure 2

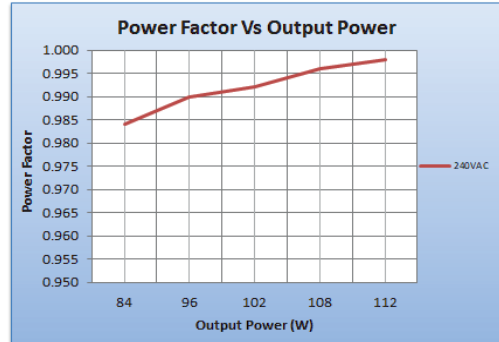


Figure 3

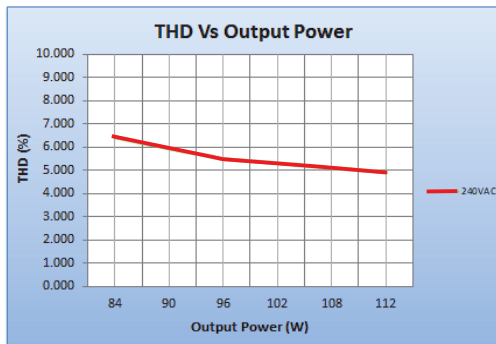


Figure 4

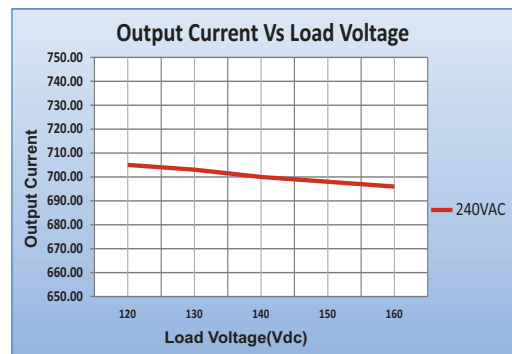


Figure 5

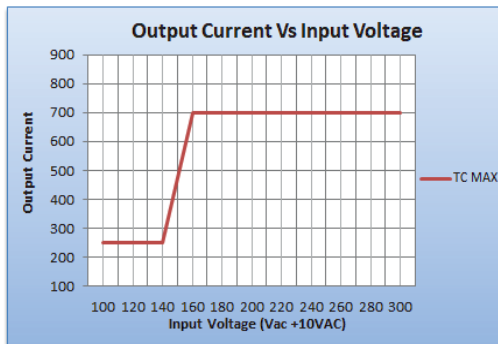


Figure 6

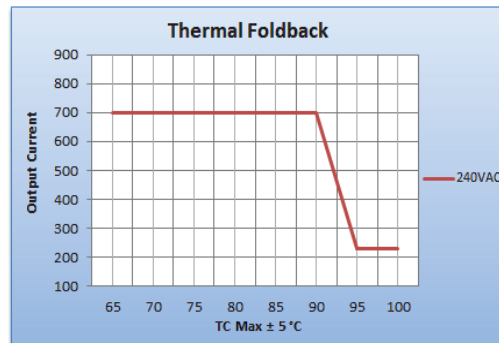
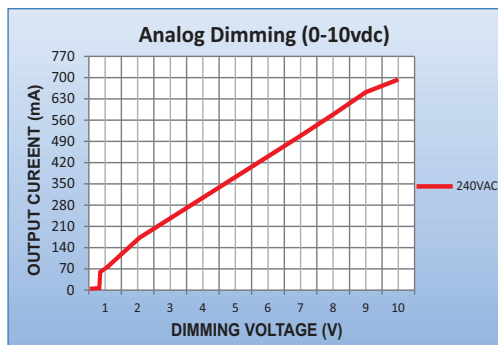
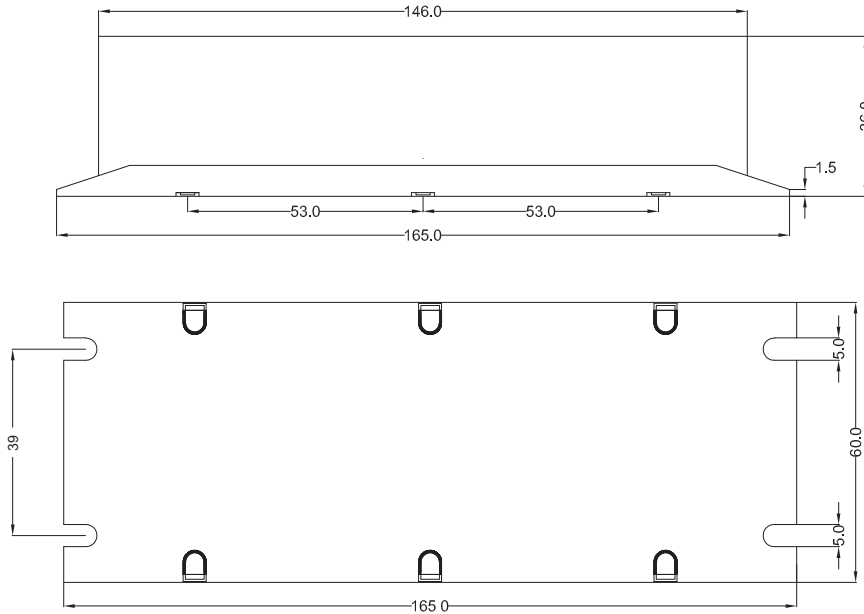


Figure 7

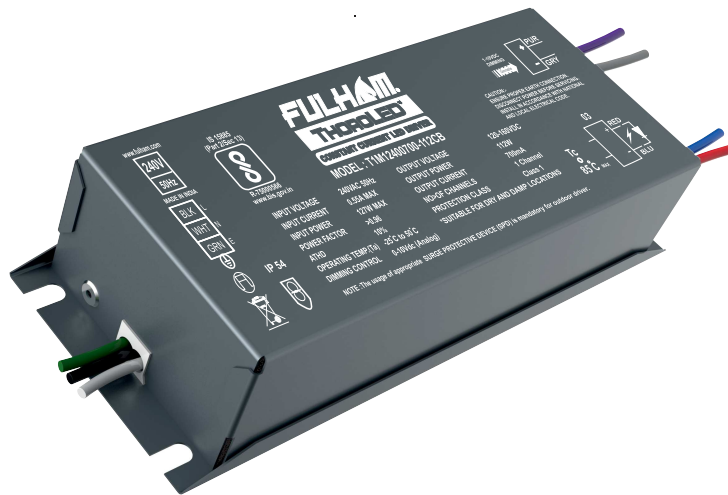


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Mechanical Data

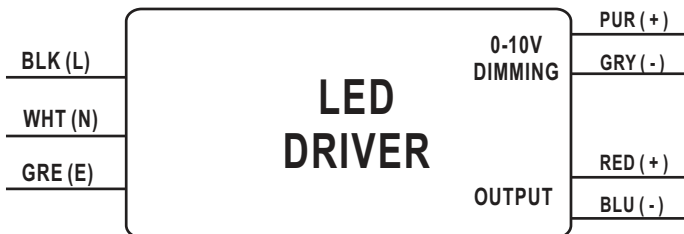


Product Image



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

Wiring Diagrams



INPUT SIDE	LENGTH	DIMMING	LENGTH
BLACK (L)	300±5mm	PURPLE (+)	300±5mm
WHITE (N)		GREY (-)	
GREEN (E)	300±5mm	OUTPUT	LENGTH
		RED (+)	
		BLUE (-)	

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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