

- Constant Current LED Driver
- Output Wattage: 55W
- Input Voltage: 240 $\pm$ 15%Vac,50Hz
- Output Current: 700mA  $\pm$ 5%
- CRCA enclosure with Wires
- Output voltage range of 60-78Vdc
- 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	240Vac $\pm$ 15%,50Hz
Operating Input Voltage Range	110-320Vac,50Hz
Input Current	0.30 A Max (@240Vac)
Input Power	64W (Typical @240Vac)
Power Factor	>0.95
ATHD	<10%
Efficiency	>87%
Driver Type	Isolated Class II
Output Current	700mA $\pm$ 5%
Output Voltage Range	60-78Vdc
No Load Output Voltage	92Vdc
Output Power	55W (Typical @240Vac)
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
Output Type	Constant Current
Ambient Operating Temperature Range	-10°C to 60°C
Max. Case Temperature	80°C Max.
Input Surge Protection	Line-Neutral 4kV
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Shutdown @ >325Vac, Auto recovery @ 300-315Vac, 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C
	Input Under Voltage : Shutdown < 95Vac, Auto recovery 100Vac to 110Vac
	Output Short Circuit : Auto Recovery (HICCUP MODE)
	Output open Circuit : Auto Recovery (HICCUP MODE)
	Output Overload : Yes
	Over Temperature : NA
Service Life	50,000 hours @ Tc Max
Approvals / Class	Class II (IEC 61140), Dry and Damp Locations, IP 54
Warranty	3 Years
Weight	0.550 Kg

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

Figure 1

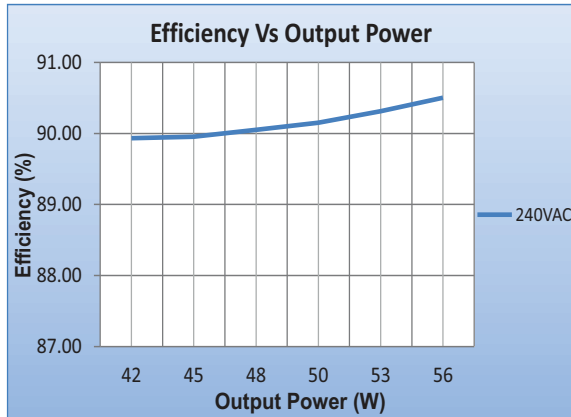


Figure 2

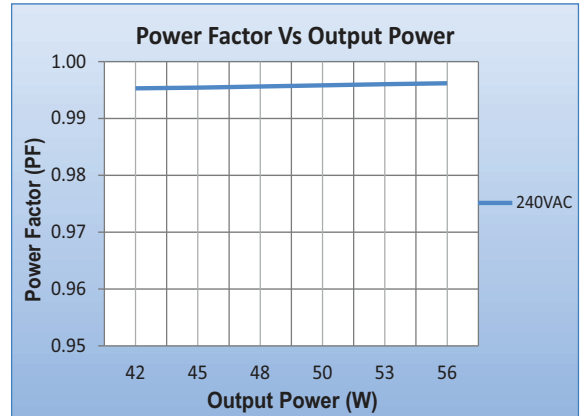


Figure 3

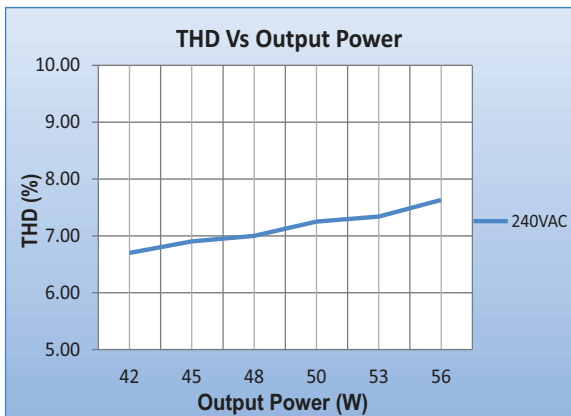


Figure 4

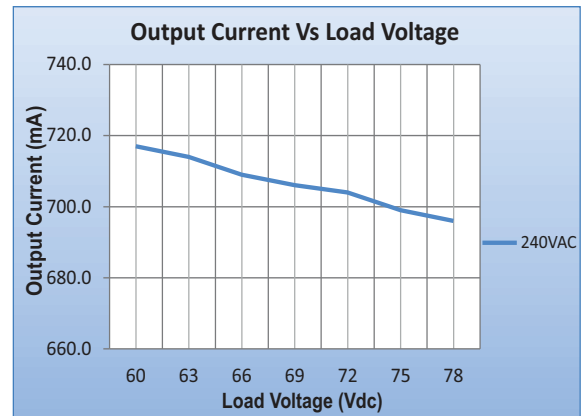
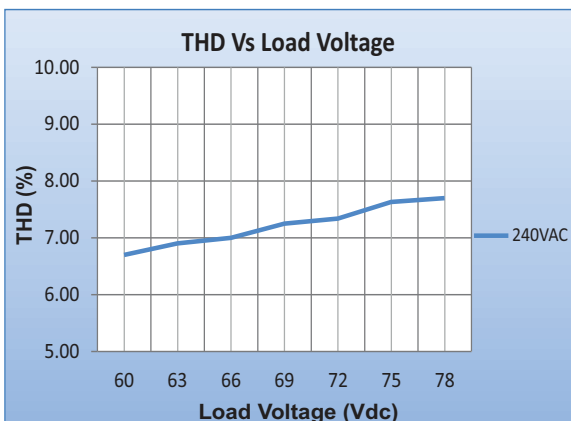
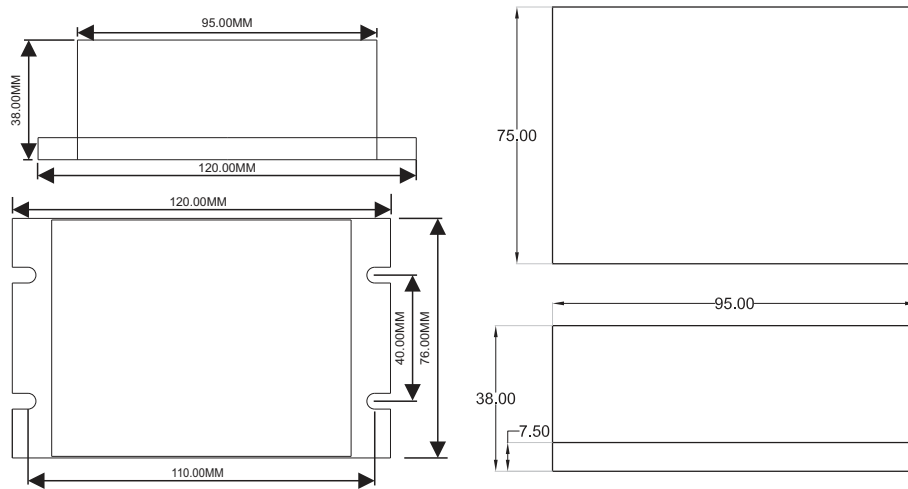


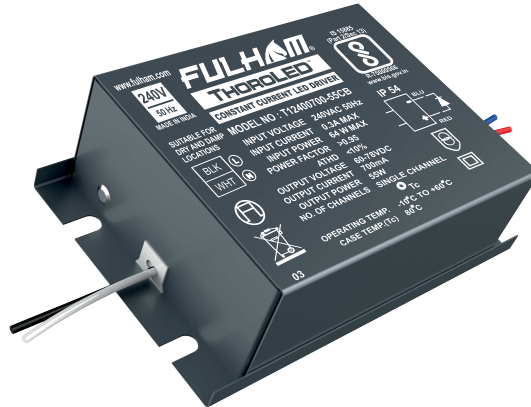
Figure 5



### Mechanical Data :



### Product Image



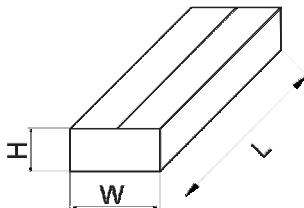
Note : All Dimensions are in mm. Tolerance=±0.5mm

### Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	340±5mm	RED (+)	340±5mm
WHITE (N)		BLUE (-)	
GREEN (E)			

### Packaging



### Master carton

OUTER DIMENSION		
L	W	H
9.05"(230mm)	6.23"(160mm)	5.52"(140mm)
Net Weight	Gross Weight	QUANTITY
13.4 lbs. (6.350 kg)	13.4 lbs. (6.350 kg)	12 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.

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc 80°C** 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. © Fulham Company Limited, All Rights Reserved.