

T1240012V-60CB SPECIFICATIONS



- Constant Voltage LED Driver
- Output Wattage: 60W
- Nominal Input Voltage: 240Vac, 50Hz
- Output Current: 5000mA

CRCA with Wires

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- Output voltage range of 12Vdc ± 5%
 - Suitable For Dry and Damp Locations
 - Surge Immunity 5KV

- 440Vac application @ 8Hrs
- OVP and UVP Cut-off
- IP 54

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General Specifications

Rated Input Voltage	150-280Vac, 50 Hz			
Operating Input Voltage Range	120-300Vac, 50 Hz			
Input Current	0.61A Max @ 120Vac, 0.33A Max @ 240Vac			
Input Power	75W Max @ Rated I/P voltage at Max Load			
Power Factor	>0.95 (@ Full Load at Rated Voltage)			
THD	<10% (@ Full Load at Rated Voltage)			
Efficiency	>83% Typical			
Driver Type	Constant Voltage			
Output Current	5000mA Max			
Output Voltage Range	12Vdc ±5%			
Output Power	60W Max			
Number of Output Channels	1 Channel			
Output Type	Class I			
Ambient Operating Temperature Range	-10°C to 55°C			
Max. Case Temperature	85°C			
Input Surge Protection	L-N-5KV, L-N-E-5KV			
Protections	Input Over Current : Non Resettable (Fuse)			
	Input Over Voltage : Shutdown @ >325Vac, Auto recovery @ 300-315Vac,@ 25°C			
	440Vac for 8 hours @ 35°C, 320Vac for 48 hours @ 50°C			
	Input Under Voltage : Shutdown <95Vac, Auto recovery 105Vac ±10V			
	Output Short Circuit : Auto Recovery (HICCUP Mode) Continuous			
	Output Open Circuit : YES			
	Output to Ground short: YES			
	Output Overload : YES (HICCUP MODE)			
	Over Temperature : HICCUP Mode			
Service Life	50,000 Hours @ 70° Tc			
Approvals / Class	SELV Equivalant ; Dry and Damp Locations			
Warranty	03 YEARS			
Weight	0.650 KG			
Note : The usage of a compatible SPD is mandatory fc	n outdoor application			
Recommended Fulham SPD - SPD1230S5A5K54				

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>03 years @ Tc 70°C</u> 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). 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.



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Figure 2

1

0.99

0.98

0.97

0.96

0.95

0.94

0.93

0.92

0.91

0.9

30

40

50

Output power (W)

60

Power Factor (PF)

Power Factor Vs Output Power



120VAC

240VAC

280VAC

Figure 1

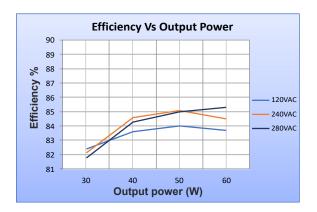
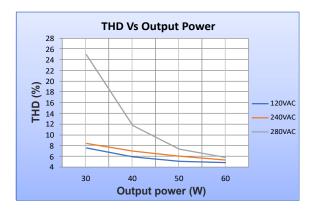


Figure 3



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>03 years @ Tc 70°C</u> 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). 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.

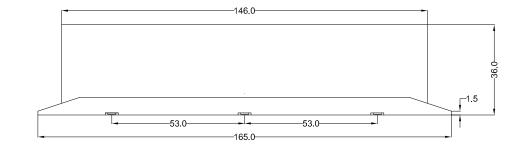


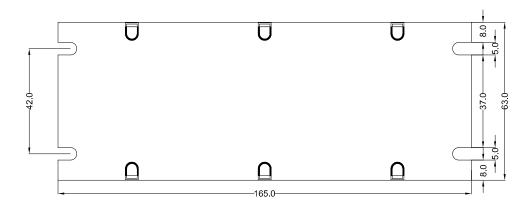
Mechanical Data

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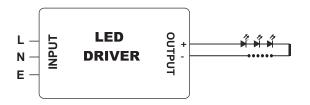
Tolerance=±0.5mm





Note : All Dimensions are in mm.

Wiring Diagrams



INPUT SIDE	SIDE LENGTH		OUTPUT SIDE	LENGTH
BLACK 300 mm			RED	250 mm
WHITE	WHITE 300 mm		BLUE	250 mm
GREEN	300 mm	Γ	Output Wire Gauge 16SWG	

Note: This Driver Must Be Grounded

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)

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under any circumstances.