

T1240024V-60CB

SPECIFICATIONS



- Constant Voltage LED Driver
- Output Wattage : 60W
- Nominal Input Voltage: 240Vac, 50Hz
- Output Current : 2500mA

CRCA with Wires

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- Output voltage range of 24Vdc ± 3%
 - 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	>85% Typical			
Driver Type	Constant Voltage			
Output Current	2500mA Max			
Output Voltage Range	24Vdc ±3%			
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° To	2		
Approvals / Class	SELV Equivalant ; Dry and Damp Locations			
Warranty	03 YEARS			
Weight	0.650 KG			
Note : The usage of a compatible* SPD is mandatory for	or outdoor application	· · · · · · · · · · · · · · · · · · ·		
Recommended Fulham SPD - SPD13 mandatory id				

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

0.99 0.98 0.97 0.96 0.95 0.94 0.92 0.92 0.91

0.9

30

40

50

Output power (W)

60

1 0.99 **Power Factor Vs Output Power**



120VAC

240VAC

280VAC

Figure 1

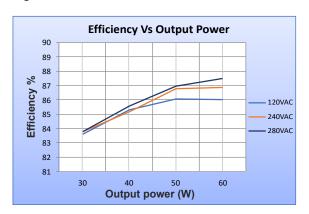
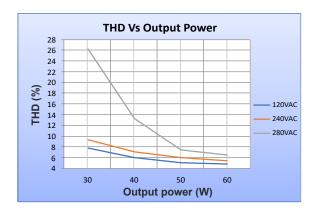


Figure 3



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.



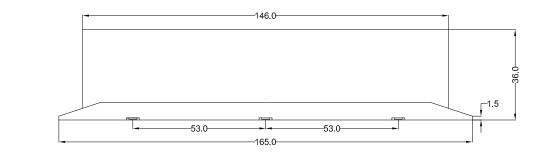
Mechanical Data

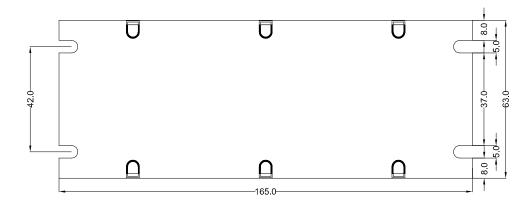
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SPECIFICATIONS



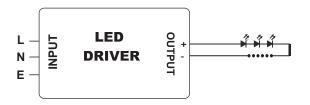
Tolerance=±0.5mm





Note : All Dimensions are in mm.

Wiring Diagrams



INPUT SIDE	LENGTH		OUTPUT SIDE	LENGTH
BLACK	300 mm		RED	250 mm
WHITE	300 mm		BLUE	250 mm
GREEN	300 mm	Ì	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) under any circumstances.

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