

T12400500-18C-R

SELV Equivalent

SPECIFICATIONS

Constant Current LED Driver

Output Wattage: 18W

• Input Voltage: 240±15%, 50Hz

• Output Current: 500mA ±8%

PC enclosure with Wires

• Output voltage range of 22-36VDC

Only For Dry Locations

• Surge Immunity 4KV

• IP 20

General Specifications

Rated Input Voltage	240VAC ±15%, 50 Hz		
Operating Input Voltage Range	100-320VAC, 50 Hz		
Input Current	0.12 A Max.		
Input Power	23W Max.		
Power Factor	>0.95		
THD	<10%		
Efficiency	>84%		
Driver Type	Isolated, SELV Equivalent		
Output Current	500mA ±8%		
Output Voltage Range	22-36Vdc		
No Load Output Voltage	45Vdc		
Output Power	18Watt		
Number of Output Channels	1 Channel		
Stand By Time	NA		
Dimming Controller Type/Dimming Range	NA		
Output Type	Constant Current		
Ambient Operating Temperature Range	-10°C to 50°C		
Max. Case Temperature	75°C		
Input Surge Protection	Line - Neutral 4kV DM		
Protections	Input Over Current : NON-Resettable		
	Input Over Voltage : 320VAC Operation for 48Hrs, 360VAC Operation for 2Hrs		
	Input Under Voltage : NA		
	Output Short Circuit : Auto Recovery (HICCUP Mode)		
	Output Open Circuit : Auto Recovery (HICCUP Mode)		
	Output to Ground short: YES		
	Output Overload : YES		
	Over Temperature : NA		
Service Life	50,000 hours @ Tc Max		
Approvals / Class	SELV Equivalent, Dry Locations IP 20		
Warranty	03 YEARS		
Weight	0.20KG		

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

Recommended Fulham SPD - SPD1230S5A5K54



T12400500-18C-R SPECIFICATIONS



Figure 1

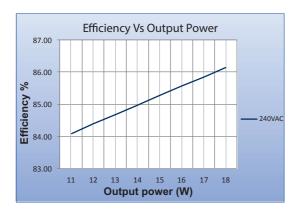


Figure 2

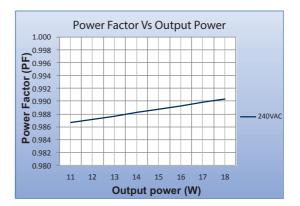


Figure 3

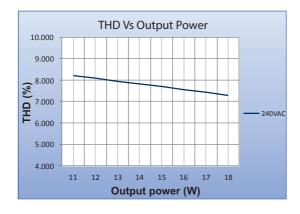


Figure 4

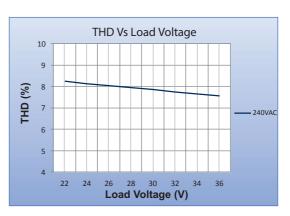
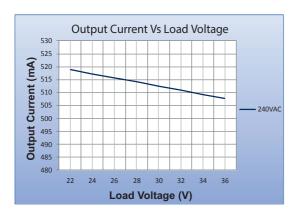


Figure 5



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 3 years @ Tc 75°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). 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.

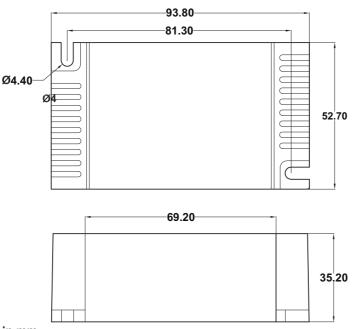


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SPECIFICATIONS

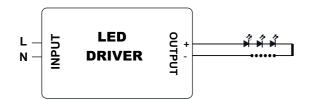




Note: All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH
BLACK	300 mm
WHITE	300 mm

OUTPUT SIDE	LENGTH
RED	300 mm
BLUE	300 mm

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.