

Recommended Fulham SPD - SPD1230S5A5K54

# T12400900-38PB SPECIFICATIONS

## IP 67 SELV Equivalent

- Constant Current LED Driver
- Output Wattage: 38W
- Input Voltage: 240VAC, 50/60Hz
- Output Current: 900mA ±8%

- Wired; PC Enclosure
- Output voltage range of 30-42VDC
- Suitable for Dry and Damp Locations
- SELV Equivalent

- Under Voltage Protection
- Over Voltage Protection
- 440Vac Protection

General Specifications		
Rated Input Voltage	240VAC ±15%, 50/60Hz	
Operating Input Voltage Range	110VAC~320VAC, 50/60Hz	
Input Current	0.46 A Max.	
Input Power	46W Max.	
Power Factor	0.98	
THD	<10% across load range specified	
Efficiency	>86% across load range specified	
Driver Type	Constant Current	
Output Current	900mA ±8%	
Output Voltage Range	30-42VDC	
Output Power	38W	
Number of Output Channels	1 Channel	
Dimming Controller Type/Dimming Range	NA	
RFI/EMI	NA	
Output Type	Class II (IEC 61140), SELV Equivalent	
Ambient Operating Temperature Range	-10°C to 50°C	
Max. Case Temperature	75°C	
Input Surge Protection	Line-Neutral 4kV	
Protections	Input Over Current : NON-Resettable	
	Input Over Voltage : CUTOFF @ Vin>325±5Vac; AUTORECOVERY @ Vin = 300-315VA : Immunity - 320Vac for 48 hours & 440Vac for 8 hours	
	Input Under Voltage : CUTOFF @ Vin <95±5Vac; AUTORECOVERY @ Vin = 100-110VAC	
	Output Short Circuit : Auto recovery	
	Output Open Circuit : Auto recovery	
	Output to ground short : YES	
	Output Overload : YES	
	Over Temperature : NA	
Service Life	50,000 hours @ Tc Max	
Approvals / Class	Dry and Damp Locations	
Warranty	3 years	
Weight	0.220Kg	

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.



## T12400900-38PB **SPECIFICATIONS**

**IP 67 SELV Equivalent** 

Figure 1

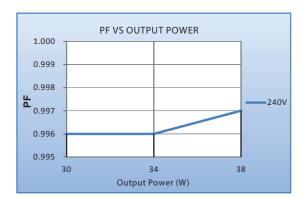


Figure 2

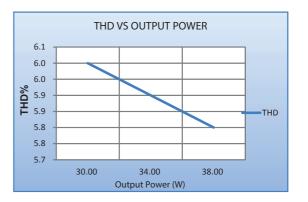
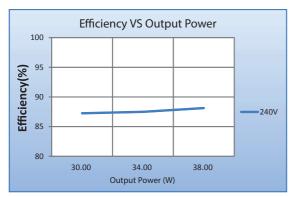


Figure 3



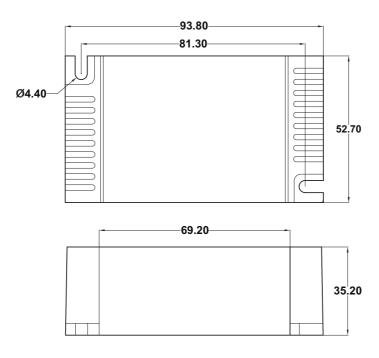


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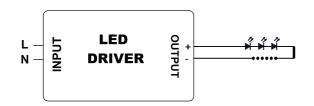
#### **Mechanical Data**



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	
Output wire with Terminal: N. A.		