

# T1240060S-23EB SPECIFICATIONS





- Multiple current selection through DIP Switch
- Output Current: 600, 550,500,450mA ±7%
- Output Wattage: 23W

#### Inbuilt Surge protection 4KV •

- Output voltage range of 24~38Vdc •
  - Suitable for Dry locations

- Application
- Linear Lights

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\_ Architectural Lights

General Specifications				
Rated Input Voltage	220-240/240/230Vac,50/60Hz			
Operating Input Voltage Range	110-310Vac,50/60Hz			
Input Current	0.11A Max (@240Vac)			
Input Power	26W Typical			
Power Factor	>0.95			
ATHD	<10%			
Efficiency	>85%			
Driver Type	Constant Current			
Output Current	600mA ±7%, 550mA ±7%, 500mA ±7%, 450mA ±7%			
	*Refer DIP switch Table for O/P current selection			
Output Voltage Range	24~38Vdc			
Output Power	23W			
Number of Output Channels	1 Channel			
Dimming Controller Type/Dimming Range	NA			
Output Type	Class II			
Ambient Operating Temperature	-10°C to +50°C			
Max. Case Temperature	85°C Max.			
Input Surge Protection	Line-Neutral 4kV As per EN 61000-4-5			
Protections	Input Over Current : NON-Resettable			
	Input Over Voltage : Cutoff @ >300Vac, Auto recovery			
	Immunity - 300Vac for 48 hours & 440Vac for 8 hours			
	Input Under Voltage : <100Vac, Auto recovery			
	Output Short Circuit : Auto Recovery (HICCUP MODE)			
	Output Open Circuit : Auto Recovery (HICCUP MODE)			
	Output Overload : YES			
	Thermal Foldback : YES			
Service Life	50,000 hours @ Tc Max			
Approvals / Class	SELV Equivalent, Dry Locations			
Warranty	3 Years			
Weight	0.140Kg			

**DIP Switch Chart :** 

I <sub>rated</sub> (mA)	DIP S	Prated (W)	
	PIN 1	PIN 2	rated (VV)
600	ON	ON	22.8
550	ON	OFF	20.9
500	OFF	ON	19.0
450	OFF	OFF	17.1

Note : Suitable for Indoor application only

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>3 years @ Tc Max</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.





600mA

550mA

500mA

450mA

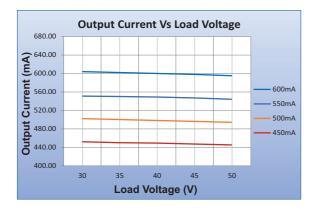
#### Figure 1



Figure 3



### Figure 5



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>3 years @ Tc Max</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.

0.945

18

21

**bower Factor (PF)** 0.975 0.965 0.955





**Power Factor Vs Output Power** 

24

**Output Power (W)** 

27

30

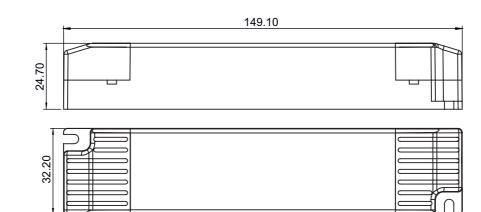
## Figure 2

0.995





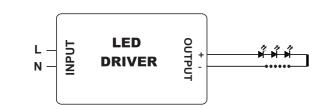
Mechanical Data :



#### Product Image



#### Wiring Diagrams



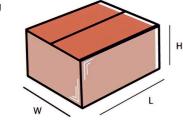
2 PIN	GREY	LINE
CONNECTOR	GREY	NEUTRAL
2 PIN	ORANGE	POSITIVE

GREY

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

NEGATIVE

Packaging



CONNECTOR

OUTER DIMENSION						
L		W		Н		
210mm	ı	125mm		165mm		
Net Weight	Gross Weight		QL	JANTITY		
3.75Kg		3.86Kg 30pc.		30pc.		

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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