



# T1240050S-25LB

## SPECIFICATIONS



- Constant Current LED Driver
- Multiple Current Selection by DIP Switch
- O/P Current - 350, 400, 450 , 500mA
- Output Current Tolerance  $\pm 10\%$
- Output Wattage: 25W
- Output voltage range of 30-50Vdc
- Suitable for Class II Fixtures
- Surge Immunity 4KV
- I/P Over Voltage Protection
- Compact Linear Form Factor W30xH23

## General Specifications

Rated Input Voltage	230Vac $\pm 20\%$ , 50 Hz
Operating Input Voltage Range	100-300Vac, 50 Hz
Input Current	0.14 A Max @ 240Vac
Input Power	31.5W Max <sup>②</sup>
Power Factor	$>0.95$ <sup>①</sup>
THD	$<15\%$ <sup>①</sup>
Efficiency	$\geq 85\%$ <sup>①</sup>
Driver Type	Constant Current
Output Current	500mA $\pm 10\%$ , 450mA $\pm 10\%$ , 400mA $\pm 10\%$ , 350mA $\pm 10\%$ *Refer DIP switch Table for O/P current selection
Output Voltage Range	30-50Vdc
Output Power	25W Max
Number of Output Channels	1 Channel
Output Type	Suitable for Class II Fixtures
Dimming Controller Type	NA
Dimming Range	NA
Ambient Operating Temperature Range	-10°C to 50°C
Max. Case Temperature	75°C
Input Surge Protection	L-N - 4KV
Protections	Input Over Current : Non Resettable (Fuse) Input Over Voltage : Cutoff @ Vin>325Vac; Auto Recovery @ Vin = 300-315Vac : Immunity - 320Vac for 48 hours & 440Vac for 8 hours 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
Warranty	03 Years
Weight	0.155 Kg

Note : Suitable for Indoor application only

- ① 240VAC at Full load.
- ② Typical @ 240Vac

DIP Switch Chart :

I <sub>rated</sub> (mA)	DIP Switch		P <sub>rated</sub> (W)
	PIN 1	PIN 2	
500mA	ON	ON	25.0
450mA	ON	OFF	22.5
400mA	OFF	ON	20.0
350mA	OFF	OFF	17.5

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **03 years @ Tc max** 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](http://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.

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Figure 1

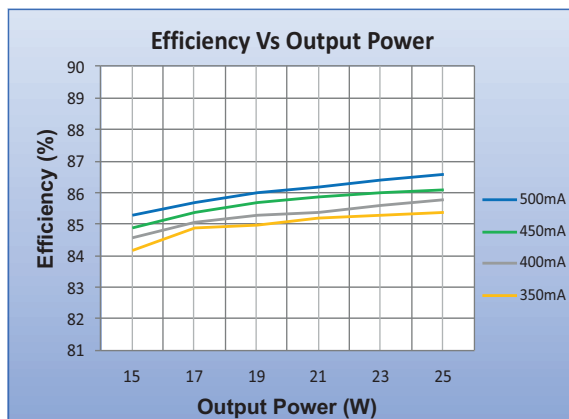


Figure 2

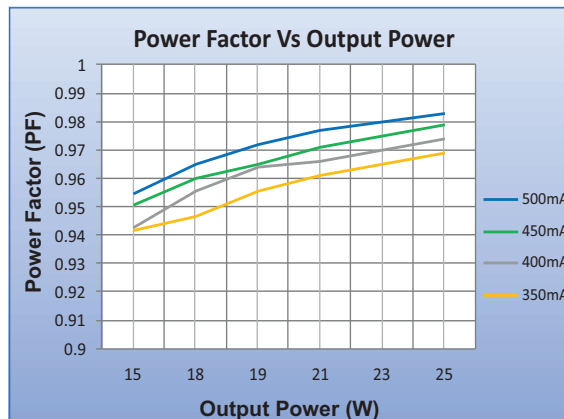


Figure 3

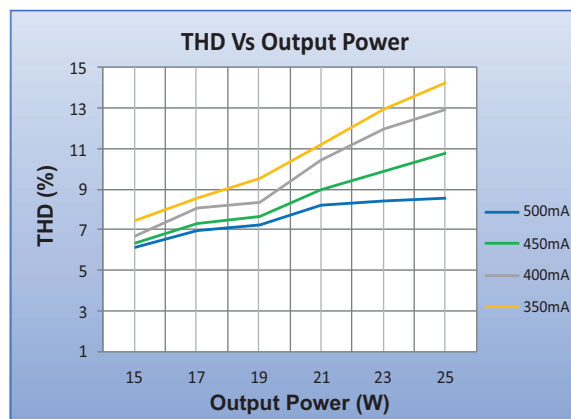


Figure 4

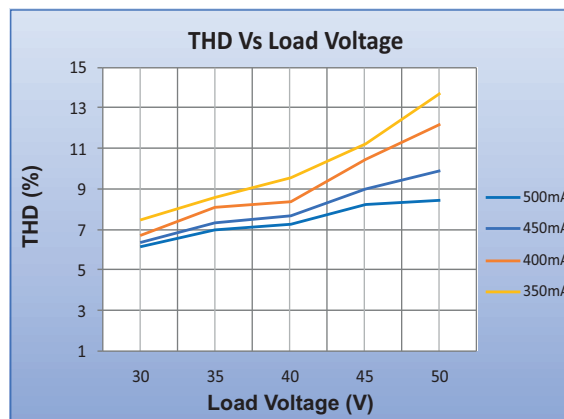
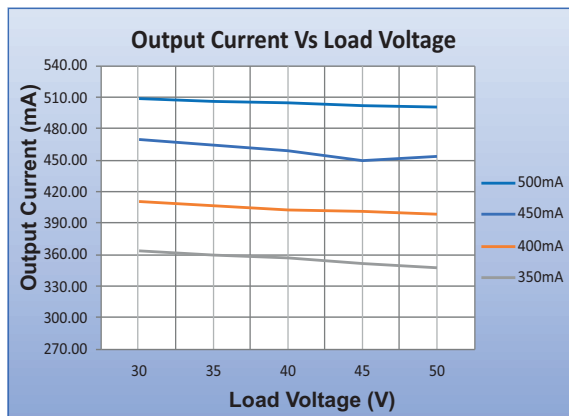
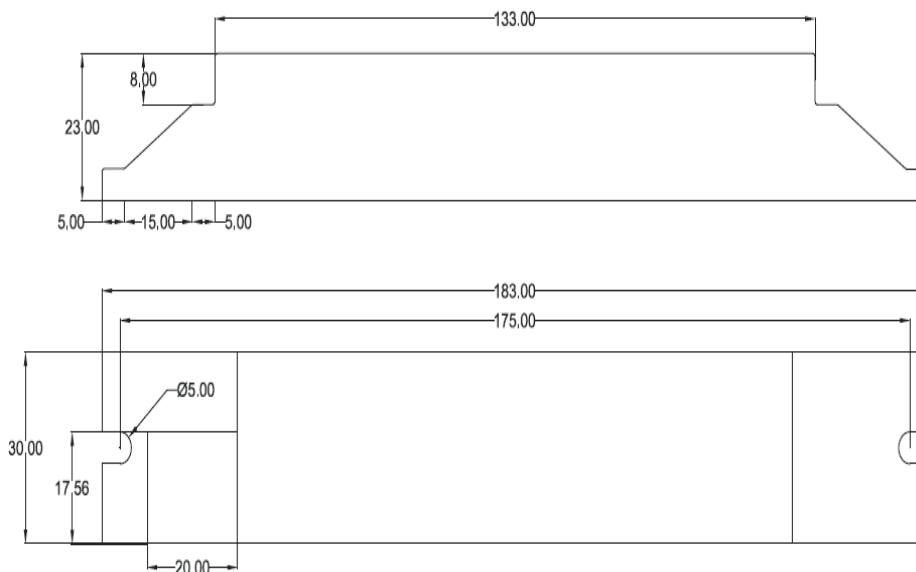


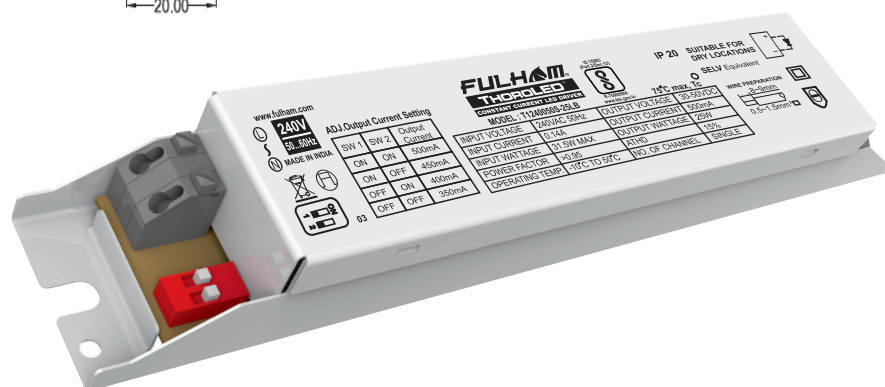
Figure 5



### Mechanical Data



### Product Image



**Note : All Dimensions are in mm.**

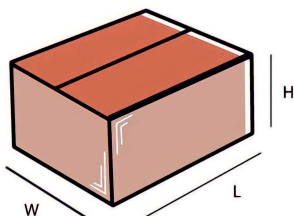
**Tolerance =  $\pm 0.5\text{mm}$**

## Wiring Diagrams



INPUT 2 PIN CONNECTOR	GREY	LINE
	GREY	NEUTRAL
OUTPUT 2 PIN CONNECTOR	RED	POSITIVE
	BLACK	NEGATIVE

## Packaging

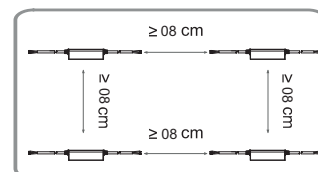


**Master carton**

OUTER DIMENSION		
L	W	H
205mm	165mm	135mm
Net Weight	Gross Weight	QUANTITY
3.87 kg	4.2 kg	25 pc.

### Installation Instructions:

- The driver should be installed in a dry, acid-free, oil free, fat-free environment.
- Do not exceed the declared Hot spot temperature( $T_c$  max) under any circumstances.
- $\geq 08$  cm clearance must be kept between the drivers as per installation diagram, When multiple drivers used.



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