



T1240060S-30LB

SPECIFICATIONS

IP 20 
SELV Equivalent

- Constant Current LED Driver
- Multiple Current Selection by DIP Switch
- O/P Current - 450, 500, 550 OR 600mA
- Output Current Tolerance $\pm 7\%$
- Output Wattage: 30W
- 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	240Vac $\pm 20\%$, 50 Hz
Operating Input Voltage Range	100-300Vac, 50 Hz
Input Current	0.16 A Max @ 240Vac
Input Power	36W Max (Typical @ 240Vac)
Power Factor	>0.95 (@240Vac at Max Load)
THD	<10% (@240Vac at Max Load)
Efficiency	>85% (@240Vac at Max Load)
Driver Type	Constant Current
Output Current	600mA $\pm 7\%$, 550mA $\pm 7\%$, 500mA $\pm 7\%$, 450mA $\pm 7\%$ *Refer DIP switch Table for O/P current selection
Output Voltage Range	30-50Vdc
Output Power	30W Max
Number of Output Channels	1 Channel
Output Type	Class II
Dimming Controller Type	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

DIP Switch Chart :

I _{rated} (mA)	DIP Switch		P _{rated} (W)
	PIN 1	PIN 2	
600mA	ON	ON	30.0
550mA	ON	OFF	27.5
500mA	OFF	ON	25.0
450mA	OFF	OFF	22.5

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Figure 1

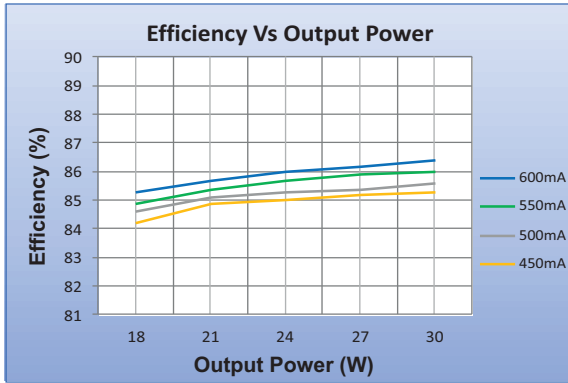


Figure 2

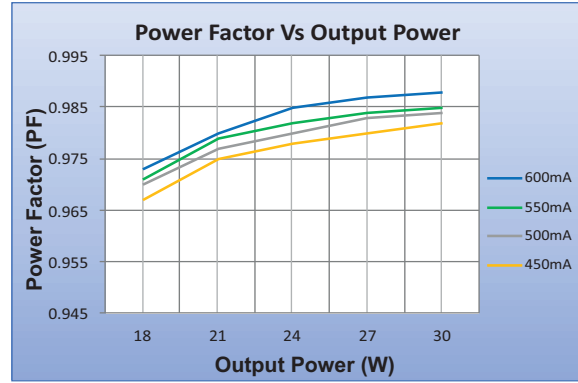


Figure 3

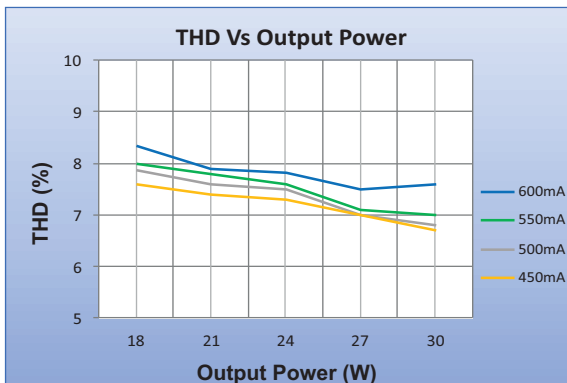


Figure 4

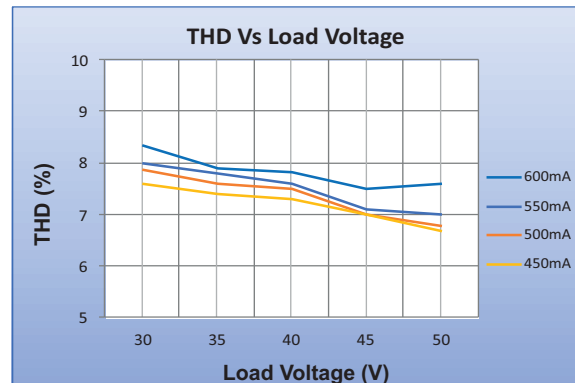
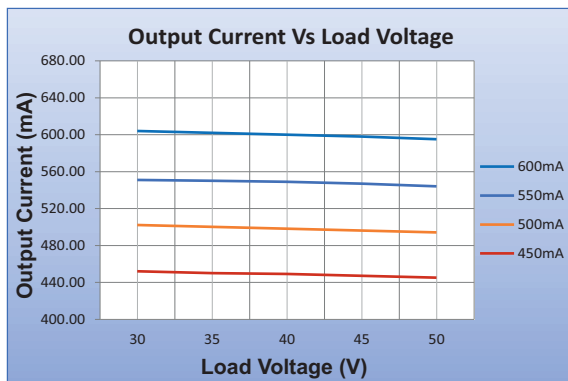
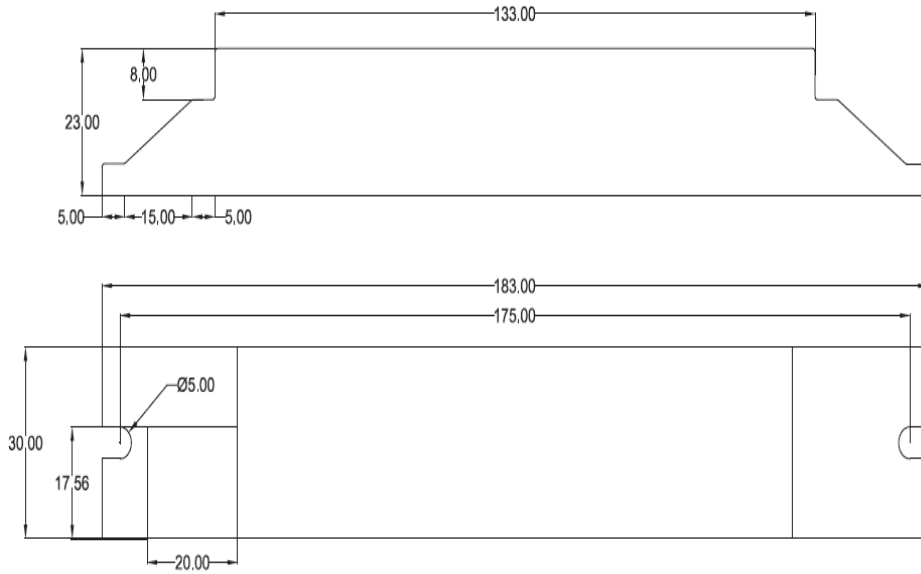


Figure 5

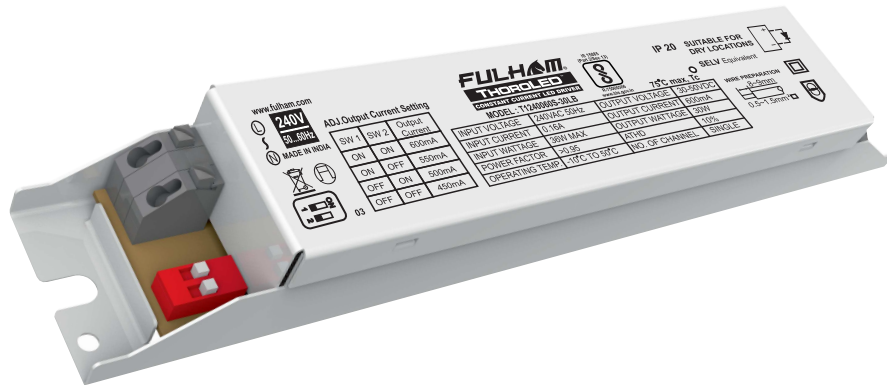


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Mechanical Data



Product Image



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams



INPUT 2 PIN CONNECTOR	GREY	LINE
	GREY	NEUTRAL

OUTPUT 2 PIN CONNECTOR	ORANGE	POSITIVE
	GREY	NEGATIVE

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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