

- Dimmable Range 10-100%
- Multiple Current Selection by DIP Switch
- Constant Current LED Driver
- O/P Current - 450, 500, 550 , 600mA
- Output Wattage: 30W
- Output voltage range of 30-50Vdc
- Suitable for Class II Fixtures
- Output Current Tolerance $\pm 7\%$
- I/P Over Voltage Protection
- Surge Immunity 4KV
- 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	Analog Dimming
Dimming Range	(0-10Vdc) 10 - 100%**
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 >325 Vac; AUTORECOVERY @ 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	0.160 Kg

Note : Suitable for Indoor application only

**Dimming Performance of the Driver should be taken after 30 min soaking at nominal input voltage.

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

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). 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

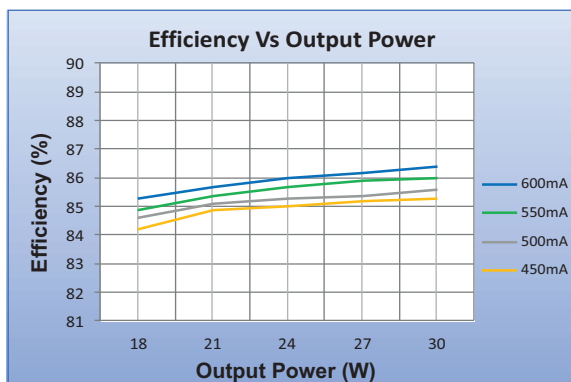


Figure 2

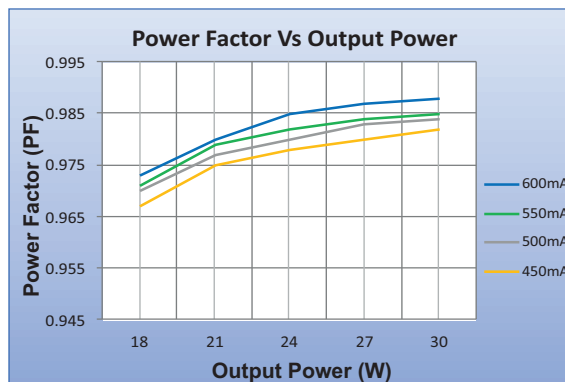


Figure 3

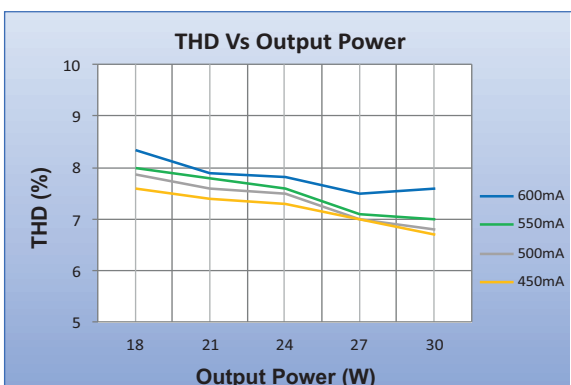


Figure 4

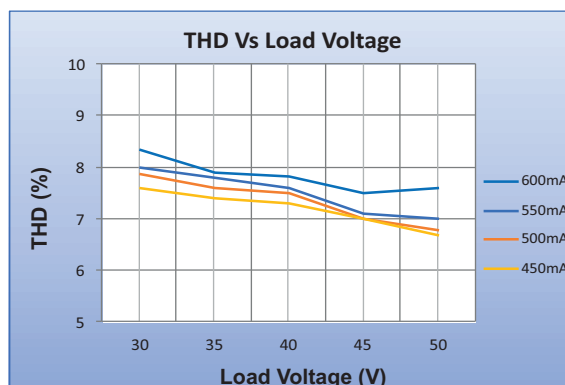


Figure 5

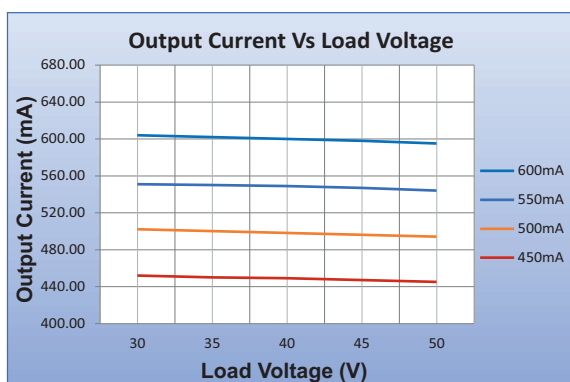
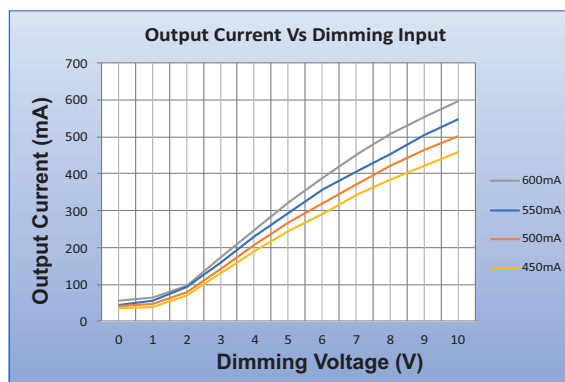
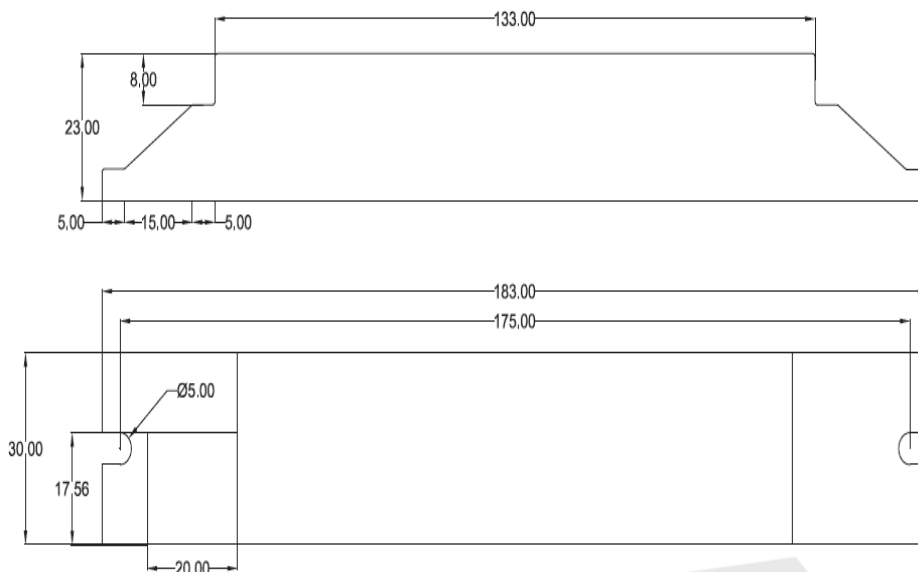


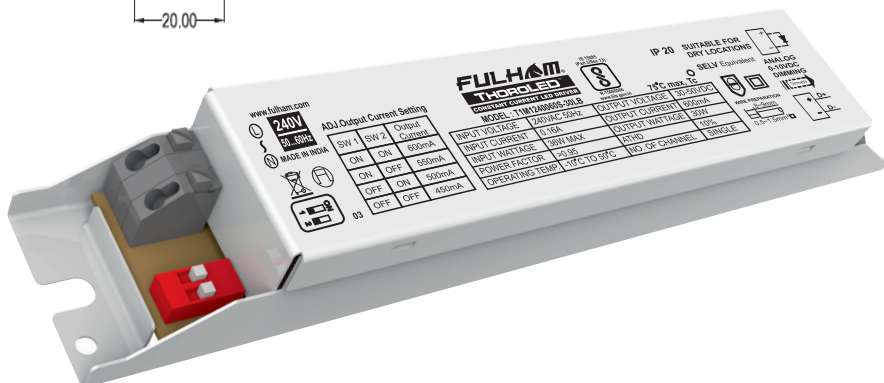
Figure 6



Mechanical Data



Product Image



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams

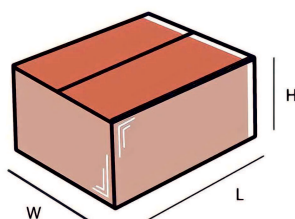


INPUT 2 PIN CONNECTOR	GREY	LINE
	GREY	NEUTRAL

DIMMING 2 PIN CONNECTOR	RED	POSITIVE
	BLACK	NEGATIVE

OUTPUT 2 PIN CONNECTOR	RED	POSITIVE
	BLACK	NEGATIVE

Packaging

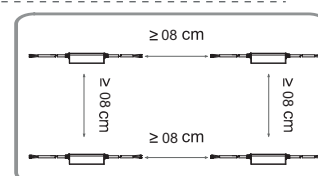


Master carton

OUTER DIMENSION		
L	W	H
205mm	165mm	135mm
Net Weight	Gross Weight	QUANTITY
4.0 kg	4.5 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.
- ≥ 08 cm clearance must be kept between the drivers as per installation diagram, When multiple drivers used.



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