



# T1240100S-38JB5 SPECIFICATIONS

IP 20  
SELV Equivalent



- 3 Wire In-Track Constant Current LED Driver
- A-THD < 5%
- Output Current selection : 1000, 950, 900, 850mA
- Flicker Free: O/P Ripple current ≤5% (LF <200Hz)
- Output Wattage: 38W
- Inbuilt Surge protection 4KV
- Output voltage range of 24~38Vdc
- Suitable for Dry locations
- Available in Black / White Color
- Application
  - Retail Lighting
  - Office Lighting
  - Decorative Lighting

## General Specifications

Rated Input Voltage	220-240/240/230Vac,50/60Hz
Operating Input Voltage Range	160-300Vac,50/60Hz
Input Current	0.21 @ Rated Input Voltage
Input Power	44W Typical
Power Factor	>0.95 @ Rated I/P Voltage & Full Load
ATHD	<5% @ Rated I/P Voltage & Full Load
Efficiency	>85% @ Rated I/P Voltage & Full Load
Driver Type	Constant Current
Output Current	1000mA ±7%, 950mA ±7%, 900mA ±7%, 850mA ±7% *Refer DIP switch Table for O/P current selection
Output Voltage Range	24~38Vdc
Output Power	38W Typical
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
Output Type	Class II
Ambient Operating Temperature	-10°C to +40°C
Max. Case Temperature	65°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 : Cutoff @ Vin <100Vac; Auto Recovery Output Short Circuit : Auto Recovery (HICCUP MODE) Output Open Circuit : Auto Recovery (HICCUP MODE) Output Overload : YES Thermal Foldback : NA
Service Life	50,000 hours @ Tc Max
Approvals / Class	SELV Equivalent, Dry Locations
Warranty	5 Years
Weight	0.150 Kg

## DIP Switch Chart :

I <sub>rated</sub> (mA)	DIP Switch		P <sub>rated</sub> (W)
	PIN 1	PIN 2	
1000	ON	ON	38.0
950	ON	OFF	36.1
900	OFF	ON	34.2
850	OFF	OFF	32.3

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 5 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

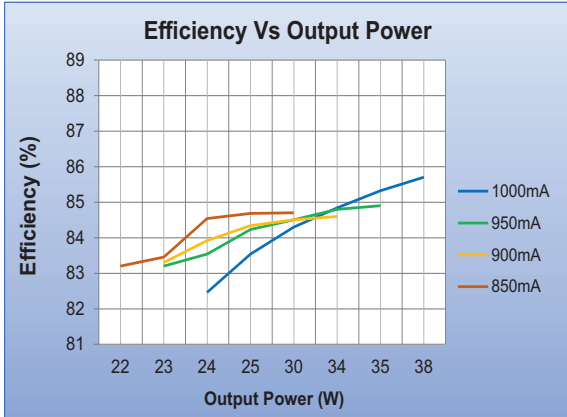


Figure 2

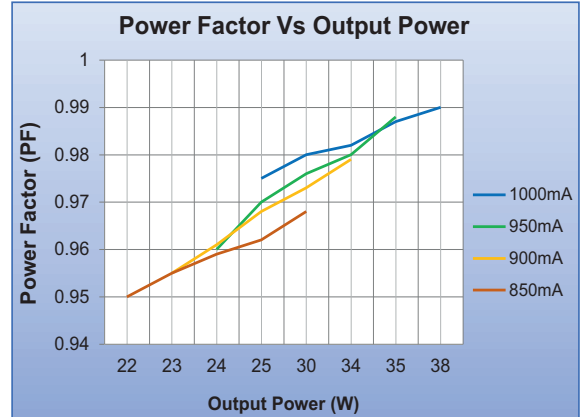


Figure 3

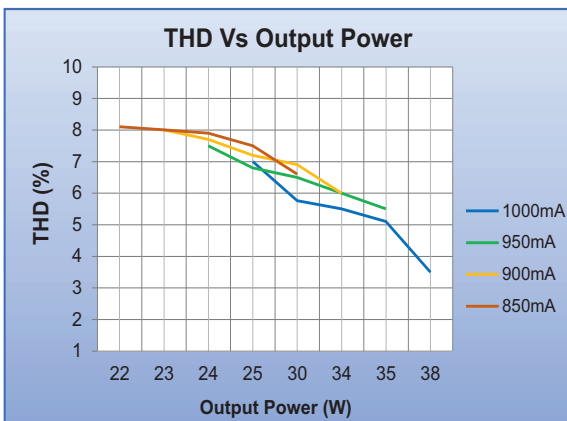


Figure 4

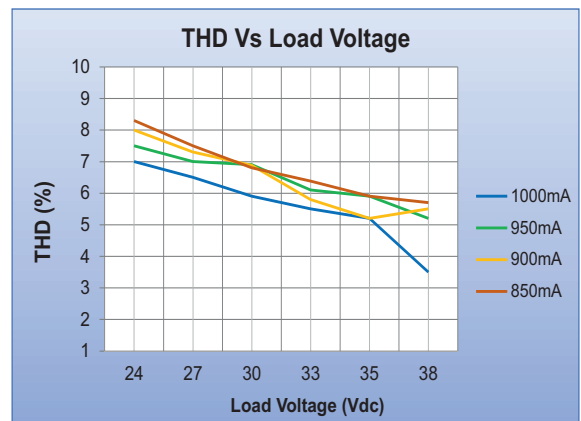
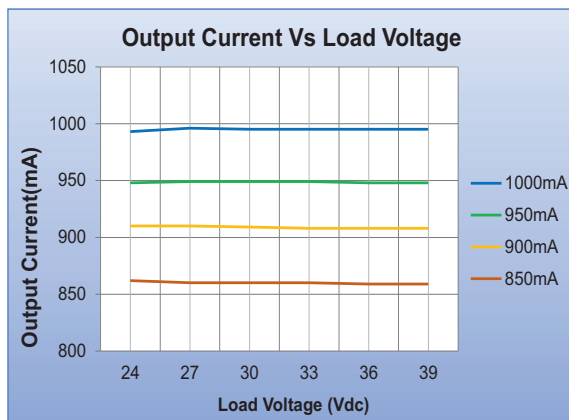


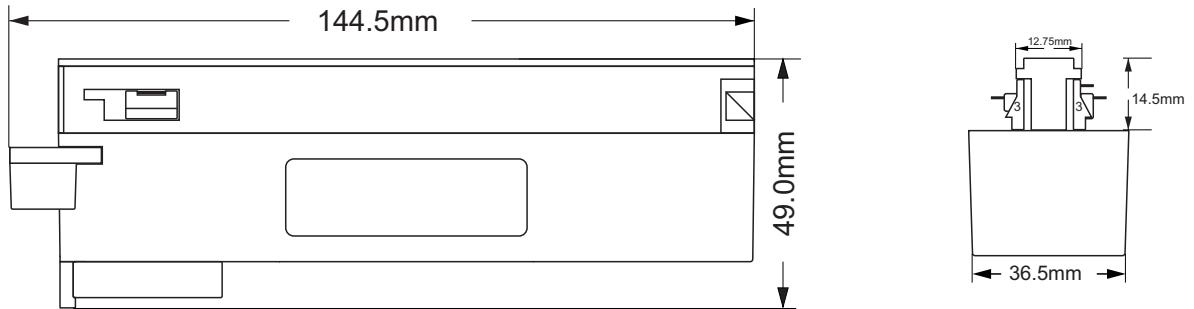
Figure 5



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### Mechanical Data :



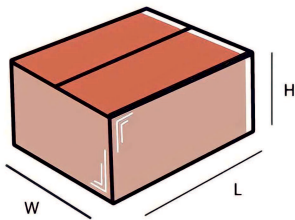
### Product Image



Note : All Dimensions are in mm

Tolerance = ± 0.5mm

### Packaging

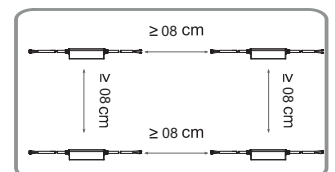


### Master carton

OUTER DIMENSION		
L	W	H
190mm	155mm	200mm
Net Weight	Gross Weight	QUANTITY
3.01Kg	3.20Kg	20pc.

### 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(Tc 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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