



# T1240105S-42JE

## SPECIFICATIONS

IP 20



- **IN-TRACK Constant current LED Driver**
- **O/P Current selection through DIP Switch**
- **Suitable for Single Phase 3 wire Tracks**
- **Flicker free, O/P Ripple Current < 10%**
- **Output Current: 900 - 1050mA +/- 7%**
- **Output voltage range of 28-40Vdc**
- **Output Wattage : 42W Max**
- **Application**
  - LED indoor lighting
  - LED office lighting

### General Specifications

Rated Input Voltage	220-240/240/230VAC, 50/60Hz
Operating Input Voltage Range	196-264VAC, 50/60Hz
Input Current	0.28 A Max.
Input Power	49W Max.
Power Factor	>0.9 @ 230Vac Full Load
THD	< 15% @ 230Vac Full Load
Efficiency	>84%
Driver Type	Constant Current
Output Current	900mA ±7%, 950mA ±7%, 1000mA ±7%, 1050mA ±7%
Output Voltage Range	28-40VDC
Output Power	42W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
RFI/EMI	CE
Output Type	Class II
Ambient Operating Temperature Range	-10°C to 35°C
Max. Case Temperature	75°C
Sound Rating	NA
Input Surge Protection	Line-Neutral 1kV
Protections	Input Over Current : NON-Resettable Input Over Voltage : NA Input Under Voltage : NA Output Short Circuit : Auto recovery Output Open Circuit : Auto recovery Output Overload : YES Over Temperature : YES
Service Life	30,000 hours @ Tc 60°C
Approvals / Class	Dry Locations
Warranty	3 Years
Weight	0.106Kg

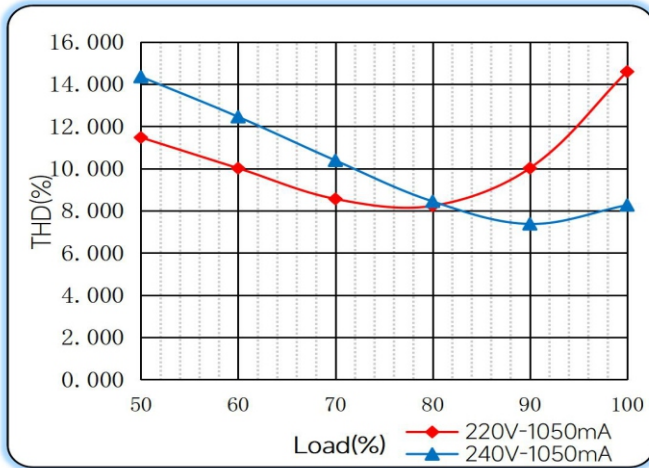
**Note** - Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.

### DIP Switch Chart :

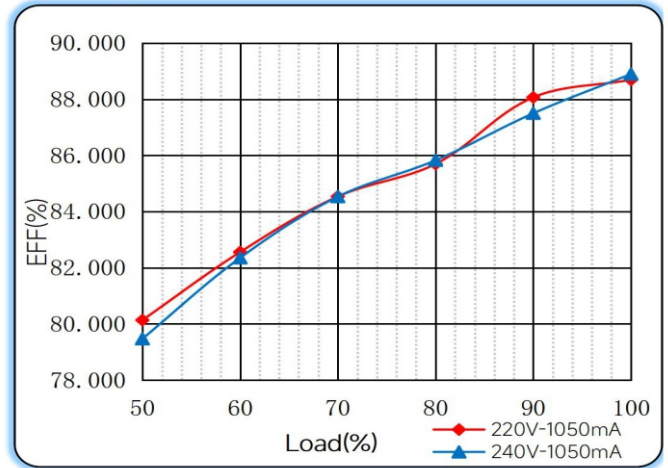
I <sub>rated</sub> (mA)	DIPSwitch		P <sub>rated</sub> (W)
	PIN 1	PIN 2	
900	OFF	OFF	36
950	ON	OFF	38
1000	OFF	ON	40
1050	ON	ON	42

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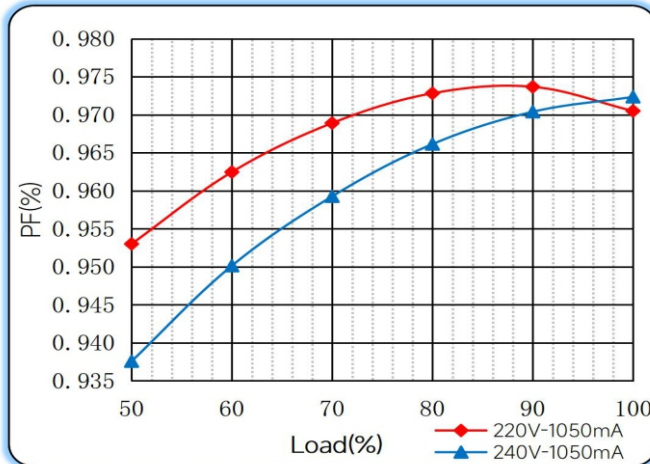
### THD vs. Load



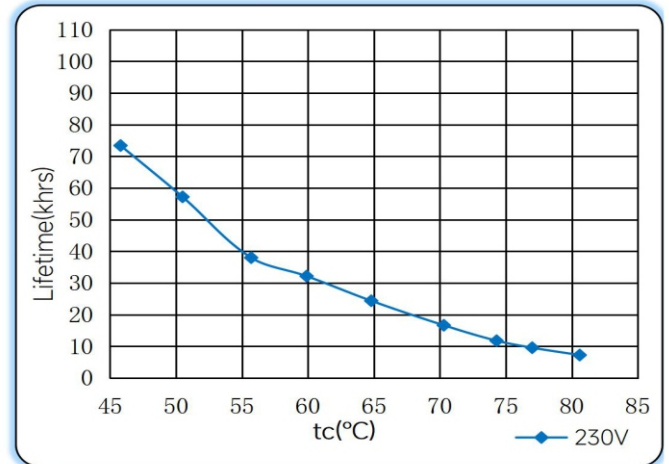
### Efficiency vs. Load



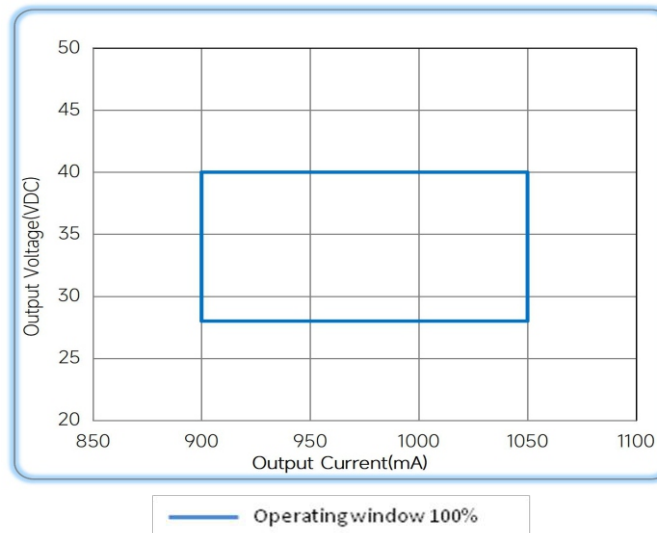
### Power Factor Characteristics



### Lifetime vs. Temperature Curve

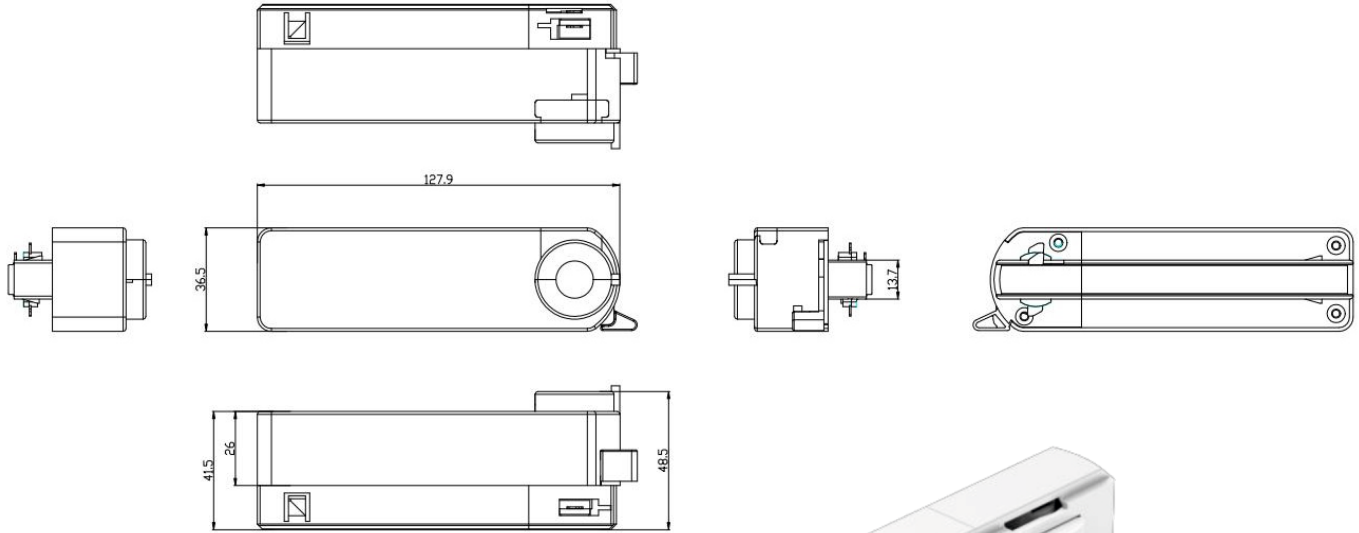


### Operating window

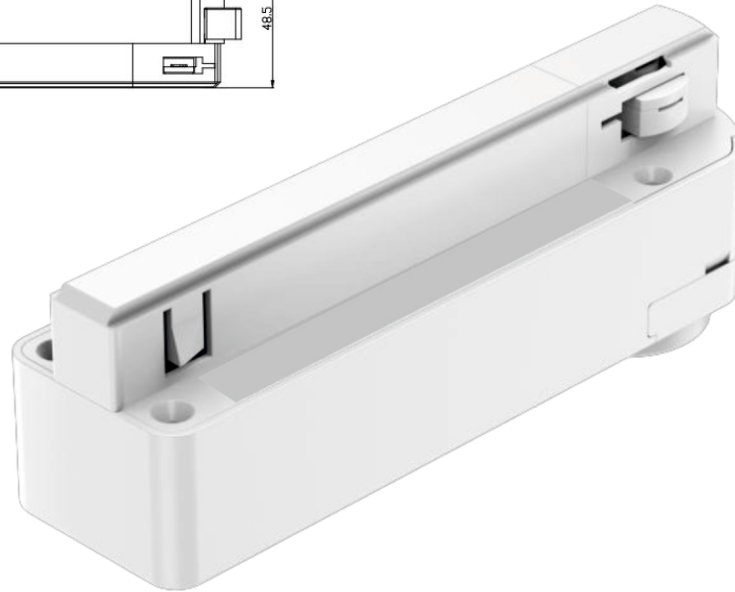


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**Mechanical Data**



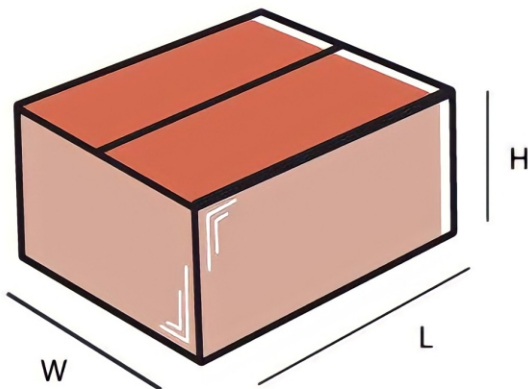
**Product Image**



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

**Tolerance=±0.5mm**

**Packaging**



**Master carton**

OUTER DIMENSION		
L	W	H
390mm	290mm	230mm
Net Weight	Gross Weight	QUANTITY
8.5 kg	9.0 kg	80 pc.

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