



# T1240048V-100ME

## SPECIFICATIONS

IP 20



- **SLIM Constant Voltage LED Driver**
- **Flicker free, O/P Ripple Current < 10%**
- **Output Wattage : 100W Max**
- **Output Current: 2.08A**
- **Output voltage 48Vdc**
- **Application**  
- 48V Magnetic Tracks

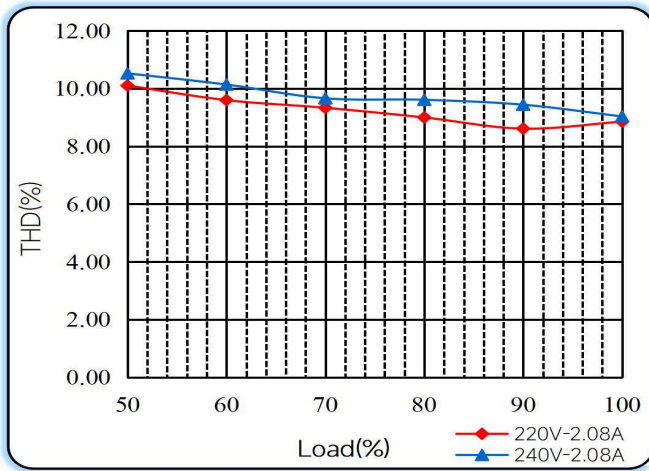
### General Specifications

Rated Input Voltage	220-240/240/230VAC, 50/60Hz
Operating Input Voltage Range	196-264VAC, 50/60Hz
Input Current	0.6 A Max.
Input Power	115W Max.
Power Factor	>0.95 @ 230Vac Full Load
THD	< 10% @ 230Vac Full Load
Efficiency	>87%
Driver Type	Constant Voltage
Output Current	2.08A
Output Voltage Range	48VDC ±5%
Output Power	100W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
RFI/EMI	CE
Output Type	Class II
Ambient Operating Temperature Range	-20°C to 45°C
Max. Case Temperature	60°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	50,000 hours @ Tc 60°C
Approvals / Class	Dry Locations
Warranty	3 Years
Weight	0.425Kg

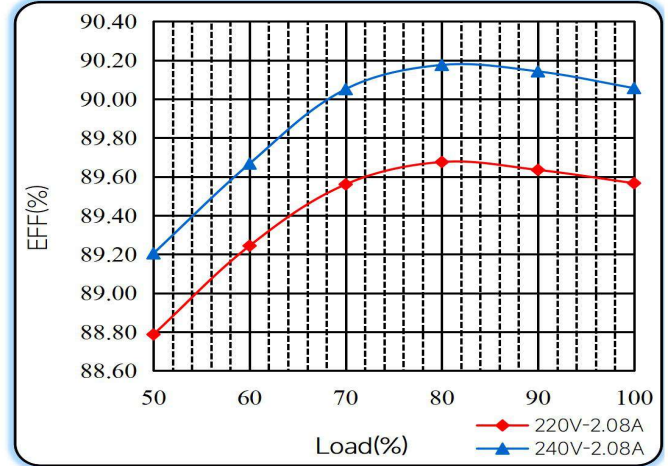
**Note** - Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 3 years @ Tc 60°C 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. © Fulham Company Limited, All Rights Reserved.

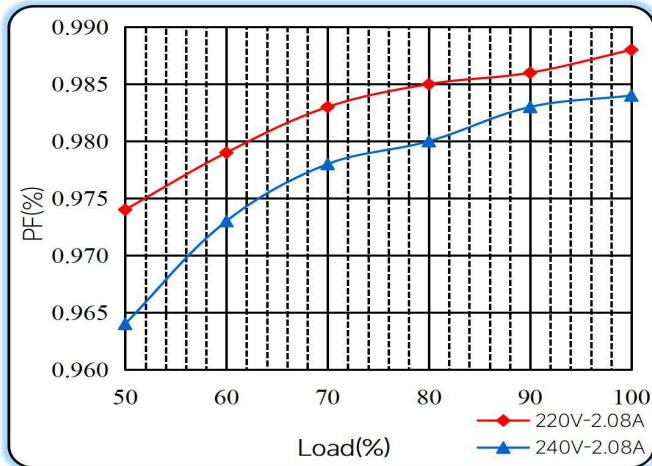
### THD vs. Load



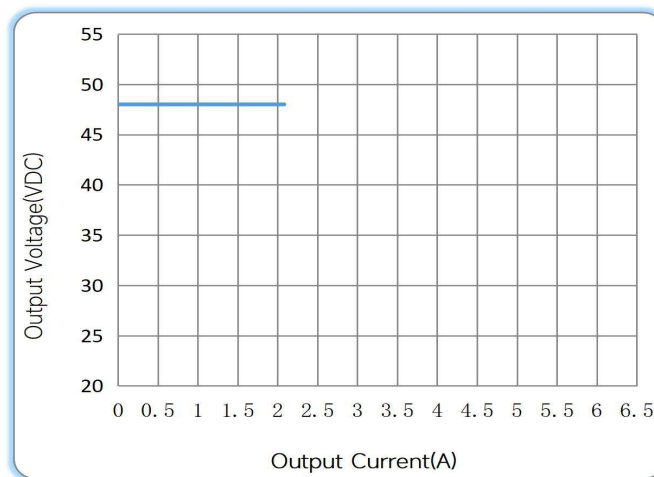
### Efficiency vs. Load



### Power Factor Characteristics

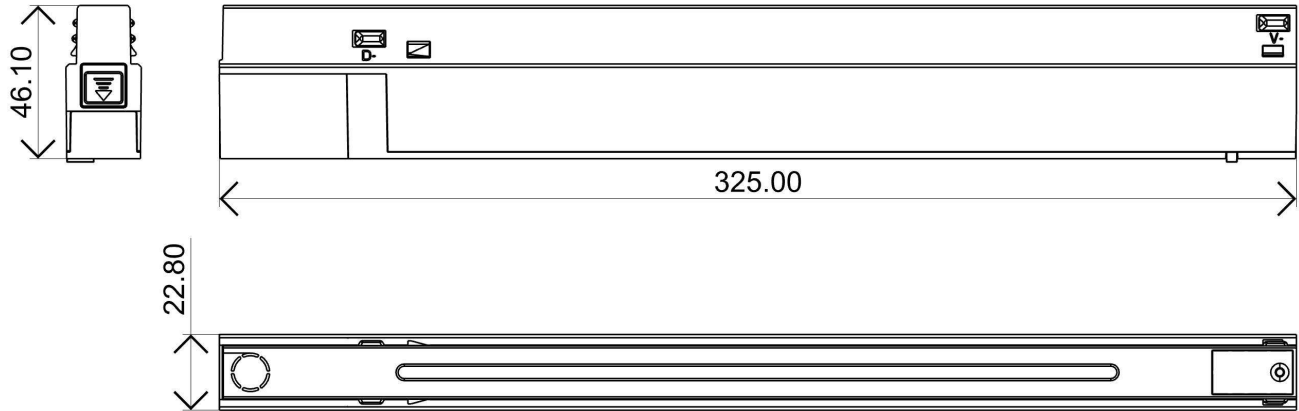


### Operating window



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### Mechanical Data



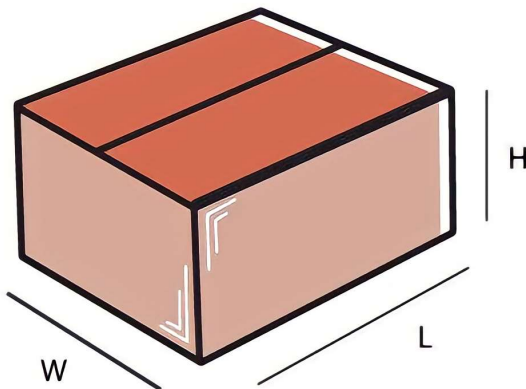
### Product Image



Note : All Dimensions are in mm.

Tolerance=±0.5mm

### Packaging



#### Master carton

OUTER DIMENSION		
L	W	H
380mm	290mm	230mm
Net Weight	Gross Weight	QUANTITY
21.2 kg	21.6 kg	50 pc.

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