



# T1240012V-150PB. SPECIFICATIONS

IP 67  
SELV Equivalent



- Constant Voltage LED Driver
- Output Wattage: 150W
- Output Current: 12.5A
- Output Voltage Range of 12Vdc
- Aluminum extrusion enclosure and cables
- Suitable For Dry, Damp and Wet Locations
- Ripple Current <5%(LF<200Hz) (pk/avg)
- 440Vac application @ 8Hrs
- OVP Cut-off
- Surge Immunity 4KV

## General Specifications

Rated Input Voltage	220-240/240/230Vac,50/60Hz
Operating Input Voltage Range	120-300Vac,50/60Hz
Input Current	0.83A @ Rated I/P Voltage
Input Power	172W @Rated I/P Voltage
Power Factor	>0.95 @ Rated I/P Voltage & Max Load)
THD	<10% @ Rated I/P Voltage & Max Load)
Efficiency	>85% @ Rated I/P Voltage & Max Load)
Driver Type	Constant Voltage
Output Current	12.5A Max
Output Voltage Range	12Vdc ±5%
Output Power	150W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
Output Type	Class I
Ambient Operating Temperature Range	-10°C to 55°C
Max. Case Temperature	75°C
Input Surge Protection	L-N-4KV, L-N-E-4KV As per EN 61000-4-5
Protections	Input Over Current : Non Resettable (Fuse)
	Input Over Voltage : Shutdown @ >325Vac, Auto recovery 440Vac for 8 hours
	Input Under Voltage : NA
	Output Short Circuit : Auto Recovery (HICCUP Mode) Continuous
	Output Open Circuit : YES
	Output to Ground short: YES
	Output Overload : YES
	Over Temperature : NA
Service Life	50,000 Hours @ Tc Max
Approvals / Class	SELV Equivalent ; Dry, Damp and Wet Locations
Warranty	05 Years
Weight	1.100 Kg

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **05 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

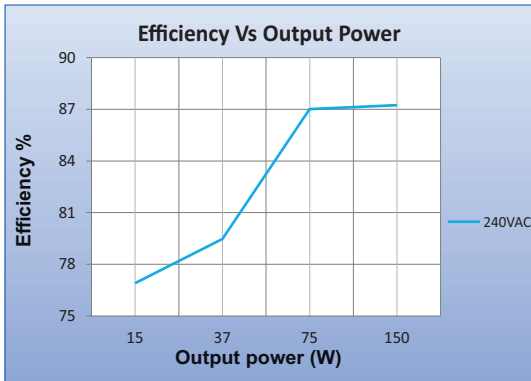


Figure 2

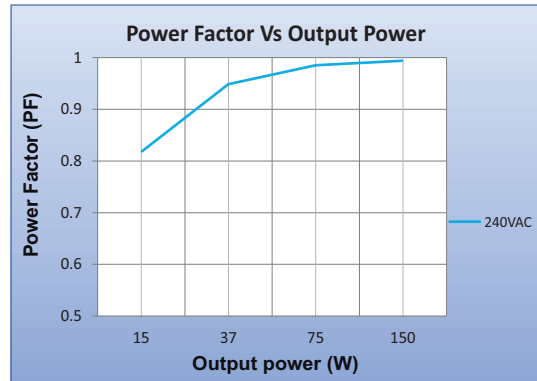


Figure 3

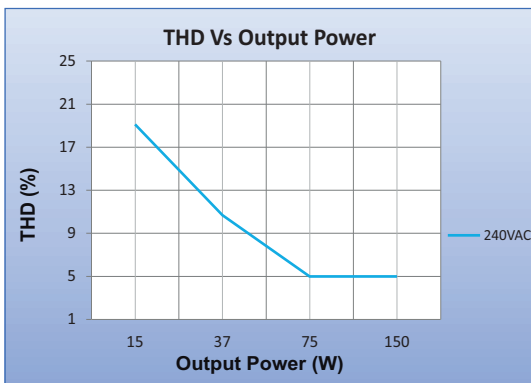


Figure 4

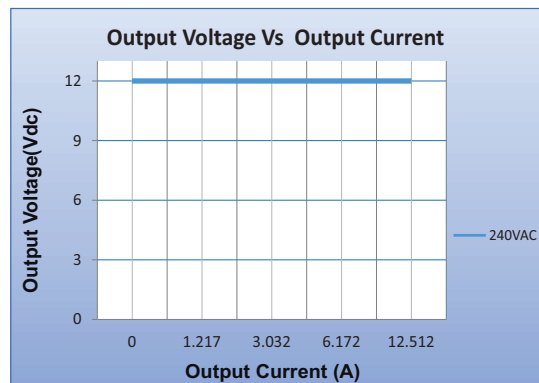
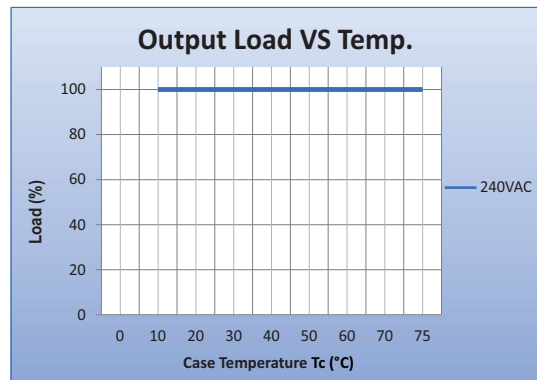
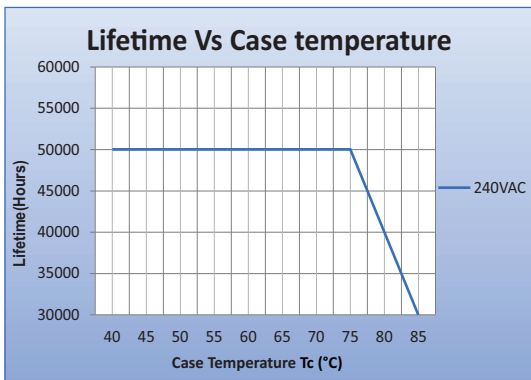


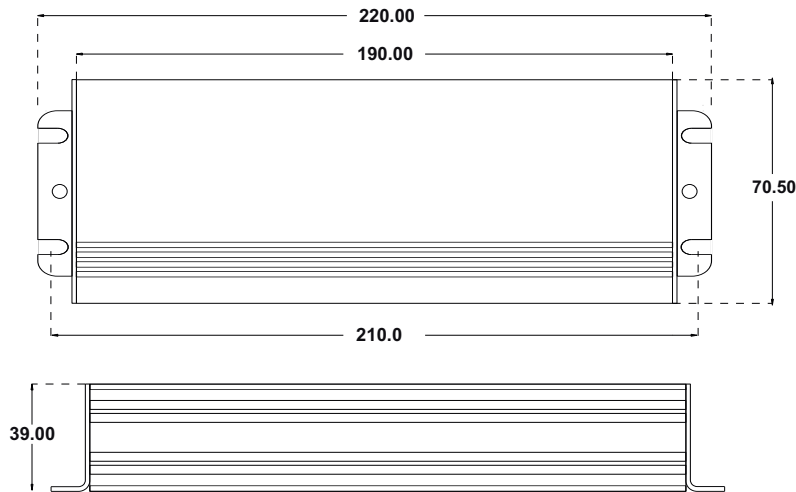
Figure 5



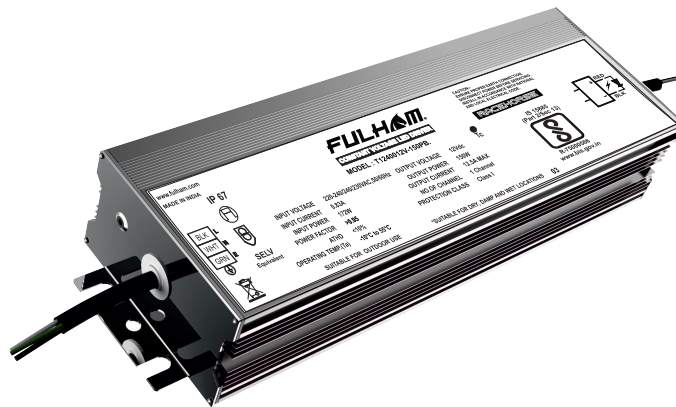
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### Mechanical Data



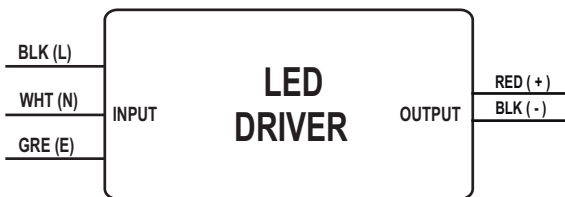
### Product image



Note :All Dimensions are in mm .

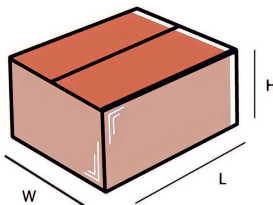
Tolerance = ± 0.5mm

### Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	3 CORE CABLE 200mm	RED (+)	2 CORE CABLE 200mm
WHITE (N)		BLACK (-)	
GREEN (E)			

### Packaging

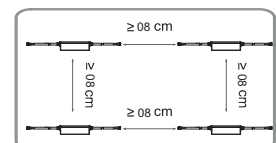


### Master carton

OUTER DIMENSION		
L	W	H
235mm	230mm	155mm
Net Weight	Gross Weight	QUANTITY
9.45kg	9.9kg	09

### 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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