



- 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
- Analog Dimming 1-10Vdc (10-100%)
- 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	Analog 1 - 10Vdc (10-100%)
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). 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.



Figure 1

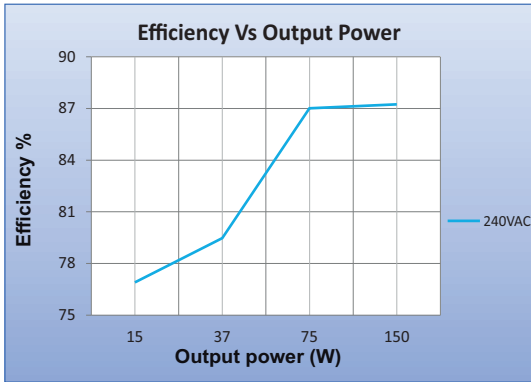


Figure 2

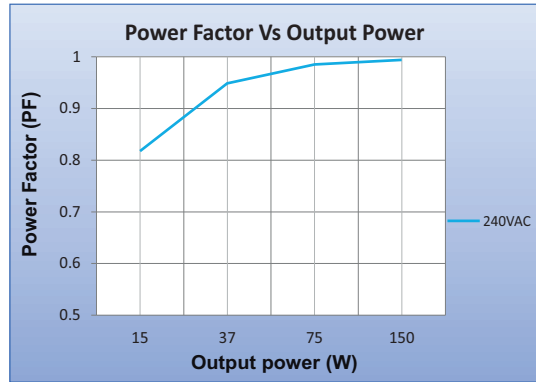


Figure 3

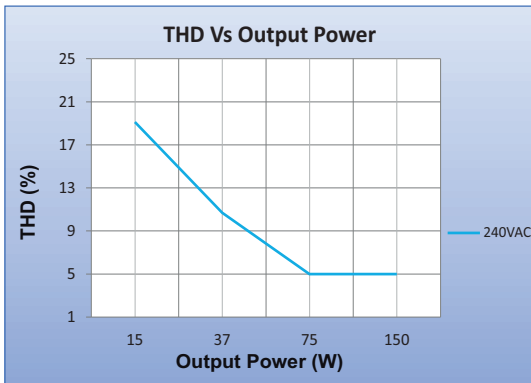


Figure 4

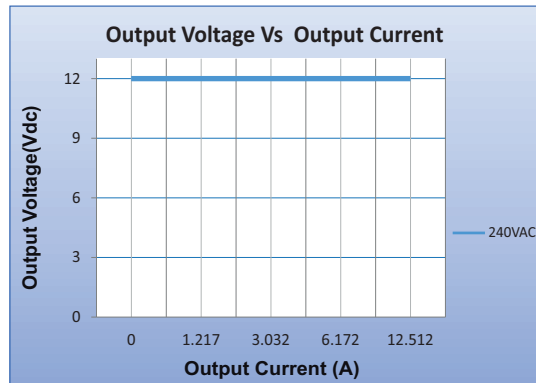


Figure 5

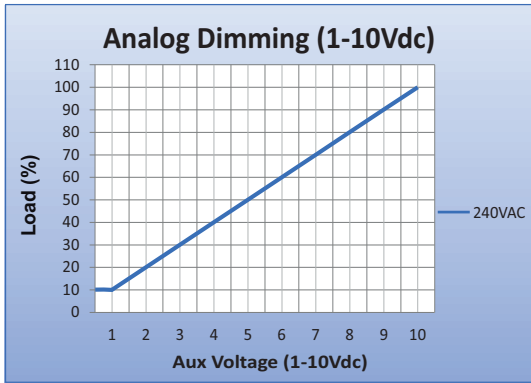


Figure 6

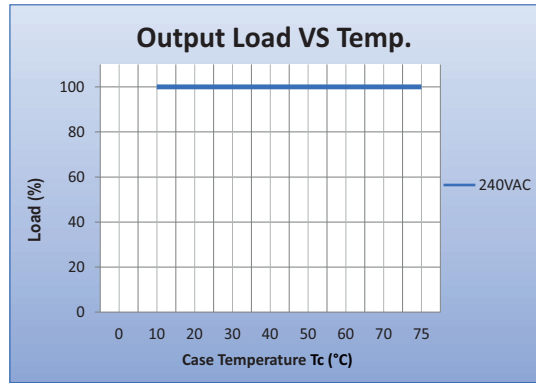
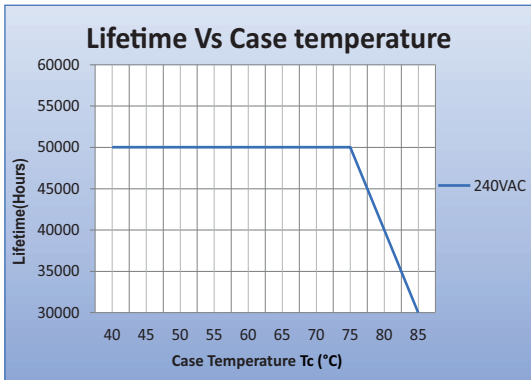


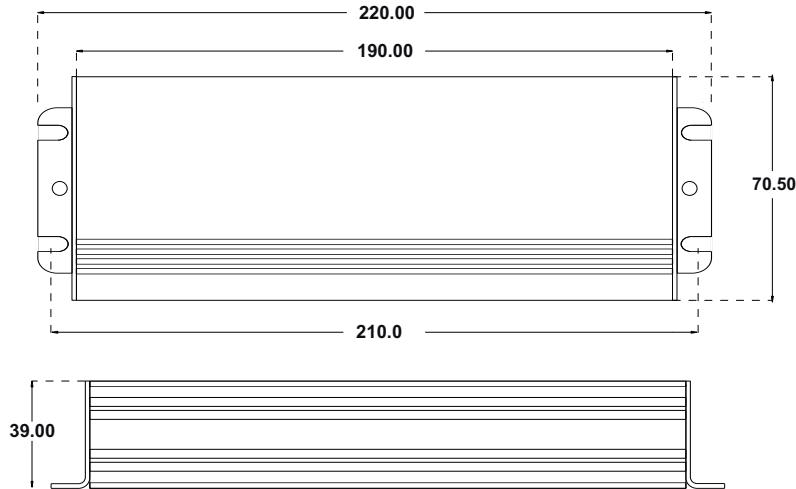
Figure 7



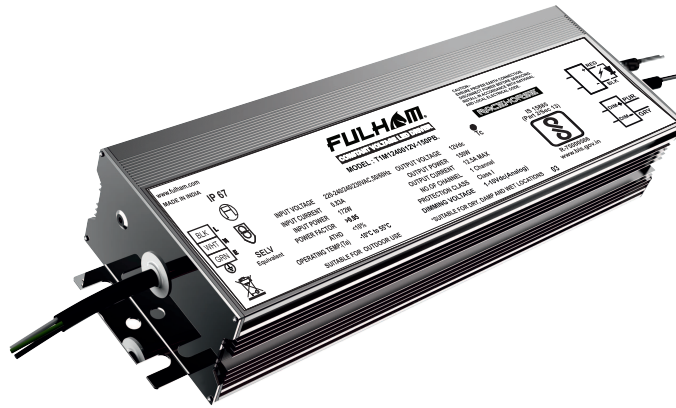
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Mechanical Data



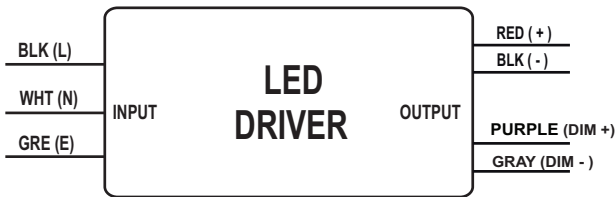
Product image



Note :All Dimensions are in mm .

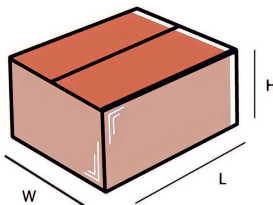
Tolerance = $\pm 0.5\text{mm}$

Wiring Diagrams



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

Packaging

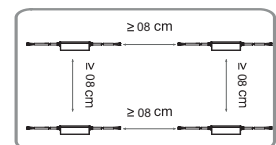


Master carton

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($T_c \text{ max}$) under any circumstances.
- $\geq 08 \text{ cm}$ clearance must be kept between the drivers as per installation diagram, When multiple drivers used.



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