



T1240012V-100EO

SPECIFICATIONS

IP 20
SELV Equivalent



- Constant Voltage LED Driver
- Output Wattage: 100W
- Output Voltage 12Vdc $\pm 5\%$
- Flicker Free: O/P Ripple current $\leq 5\%$ (LF $< 200\text{Hz}$)
- Output Current: 8.33 A
- PC Cabinet
- Suitable for Dry Locations
- Surge Immunity 3kV
- Input Over voltage Protection
- Application
 - Shop, Retail & Hospitality

General Specifications

Rated Input Voltage	220-240/240/230Vac, 50/60Hz
Operating Input Voltage Range	140-280Vac, 50/60Hz
Input Current	0.56 A @ Rated Voltage
Input Power	115W
Power Factor	> 0.95
THD	$< 10\%$
Efficiency	$> 87\%$
Driver Type	Constant Voltage
Output Current	8.33 A
Output Voltage Range	12Vdc $\pm 5\%$
No Load Output Voltage	12Vdc $\pm 5\%$
Output Power	100W Max
Number of Output Channels	1 Channel
Dimming Controller Type / Dimming Range	NA
Output Type	Class II
Ambient Operating Temperature Range	-10°C to $+50^{\circ}\text{C}$
Max. Case Temperature	75°C
Sound Rating	NA
Input Surge Protection	Line-Neutral 3kV As per EN 61000-4-5
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Cutoff @ $V_{in} > 300\text{Vac}$, Auto Recovery
	Immunity -320Vac for 48 hours
	Input Under Voltage : NA
	Output Short Circuit : Auto Recovery (HICCUP MODE)
	Output Open Circuit : Auto Recovery (HICCUP MODE)
	Output to Ground short : YES
	Output Overload : YES
	Over Temperature : NA
Service Life	50,000 hours @ T_c max.
Approvals / Class	SELV Equivalent, Dry Locations
Warranty	3 Years
Weight	0.425 kg

Note : All Performance Specified at Rated Voltage.
Recommended to be used only for Indoor Application.

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ T_c 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

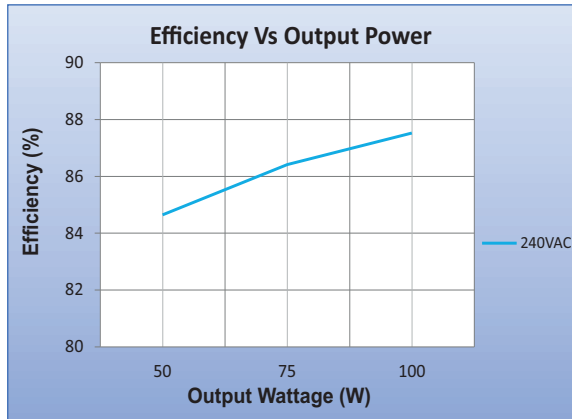


Figure 2

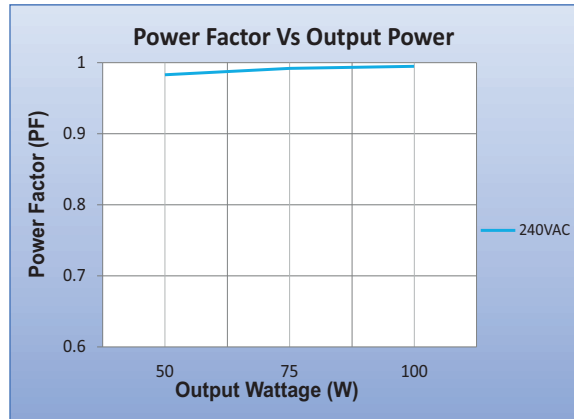


Figure 3

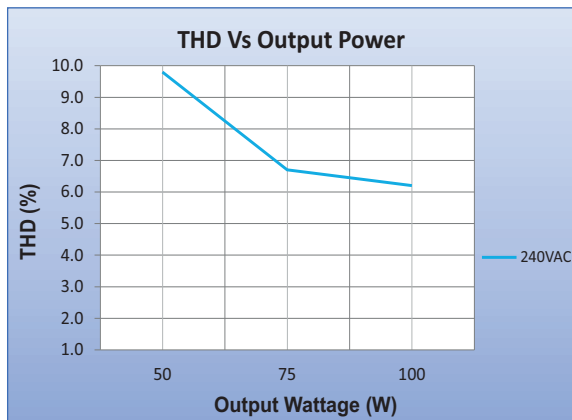
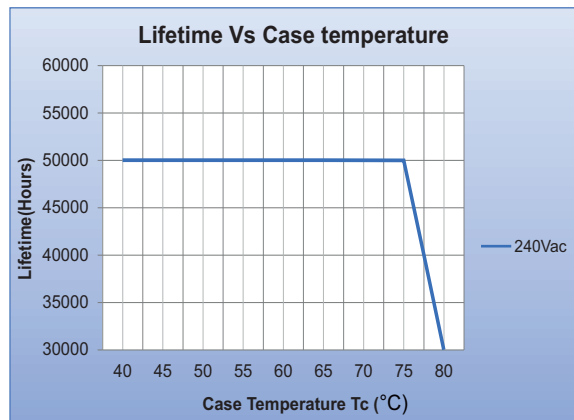
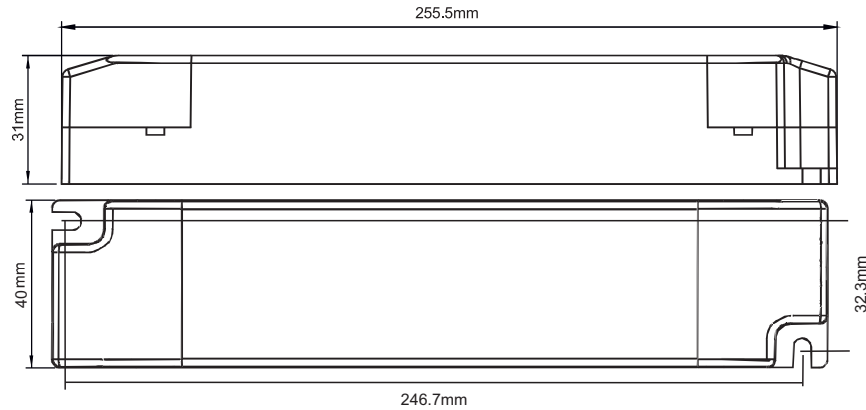


Figure 4

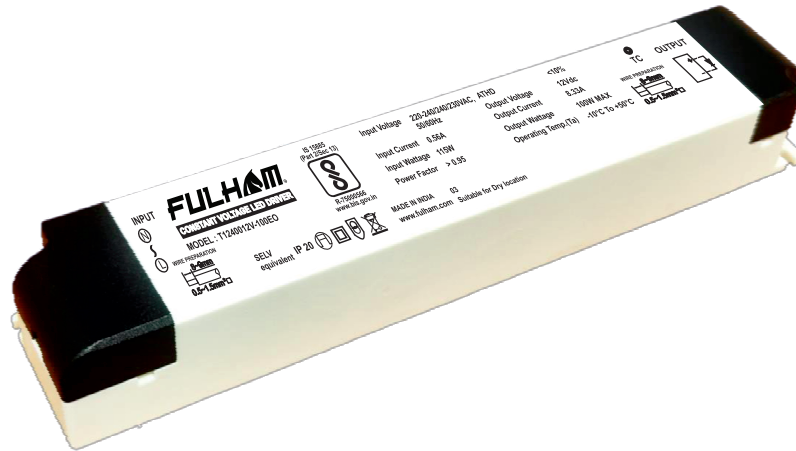


Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc max** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog (www.fulham.com). 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.

Mechanical Data



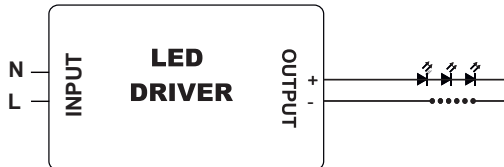
Product image



Note :All Dimensions are in mm

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

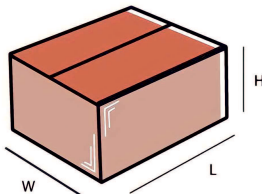
Wiring Diagrams



INPUT 2 PIN CONNECTOR	GREY	LINE
	GREY	NEUTRAL

OUTPUT 2 PIN CONNECTOR	RED	POSITIVE
	BLACK	NEGATIVE

Packaging

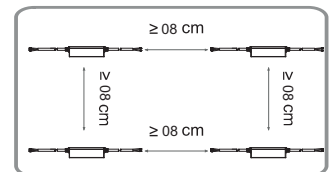


Master carton

OUTER DIMENSION		
L	W	H
285mm	225mm	115mm
Net Weight	Gross Weight	QUANTITY
6.37 kg	6.82 kg	15 pc.

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.



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ $T_c \text{ max}$** 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.