



T12400700-42PB-G2 SPECIFICATIONS

IP 66



SELV Equivalent

- Constant Current LED Driver
- Output Wattage: 42W
- Output voltage range of 40-60VDC
- Output Current: 700mA ±8%
- Wired; PC Enclosure
- Surge Immunity 4KV
- 440Vac Protection
- Suitable for Dry and Damp Location
- Under Voltage Protection
- Over Voltage Protection

General Specifications

Rated Input Voltage	240VAC ±15%, 50/60Hz	
Operating Input Voltage Range	110VAC~320VAC, 50/60Hz	
Input Current	0.51 A Max.	
Input Power	51W Max.	
Power Factor	0.98	
THD	<10% across load range specified	
Efficiency	>86% across load range specified	
Driver Type	Constant Current	
Output Current	700mA ±8%	
Output Voltage Range	40-60VDC	
Output Power	42W	
Number of Output Channels	1 Channel	
Dimming Controller Type/Dimming Range	NA	
RFI/EMI	NA	
Output Type	Class II (IEC 61140)	
Ambient Operating Temperature Range	-10°C to 50°C	
Max. Case Temperature	75°C	
Sound Rating	NA	
Input Surge Protection	Line-Neutral 4kV	
Protections	Input Over Current	: NON-Resettable
	Input Over Voltage	: CUTOFF @ Vin 325Vac±5%; Auto Recovery : Immunity - 320Vac for 48 hours & 440Vac for 8 hours
	Input Under Voltage	: CUTOFF @ Vin <100VAC; Auto Recovery
	Output Short Circuit	: Auto recovery
	Output Open Circuit	: Auto recovery
	Output to ground short	: YES
	Output Overload	: YES
Over Temperature	: NA	
Service Life	50,000 hours @ Tc Max	
Approvals / Class	Dry and Damp Locations	
Warranty	3 Years	
Weight	0.220Kg	

Note : The usage of a compatible SPD is recommended for outdoor application.
Recommended Fulham SPD - SPD1230S5A5K54



Figure 1

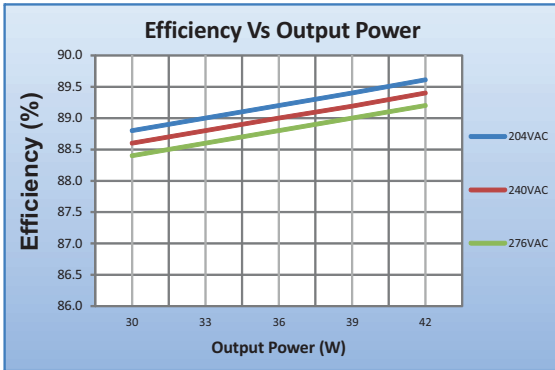


Figure 2

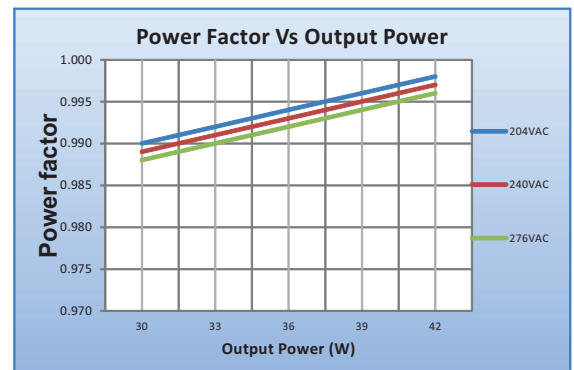


Figure 3

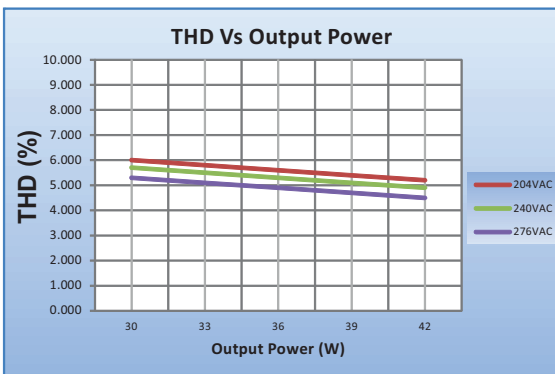


Figure 4

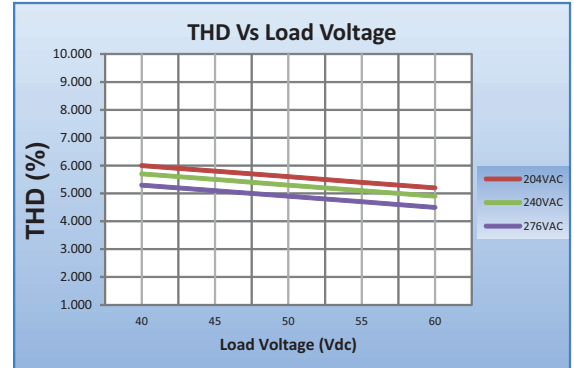


Figure 5

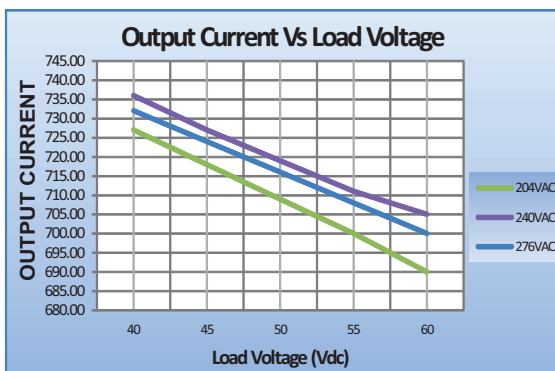
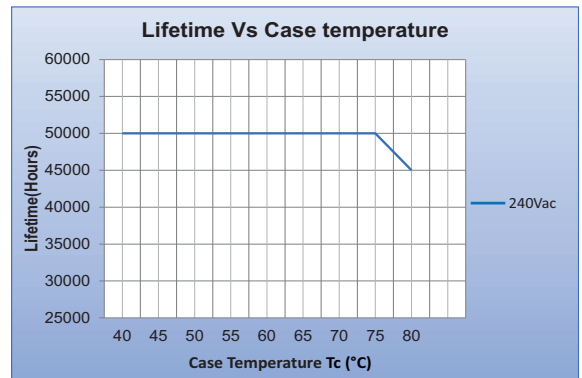
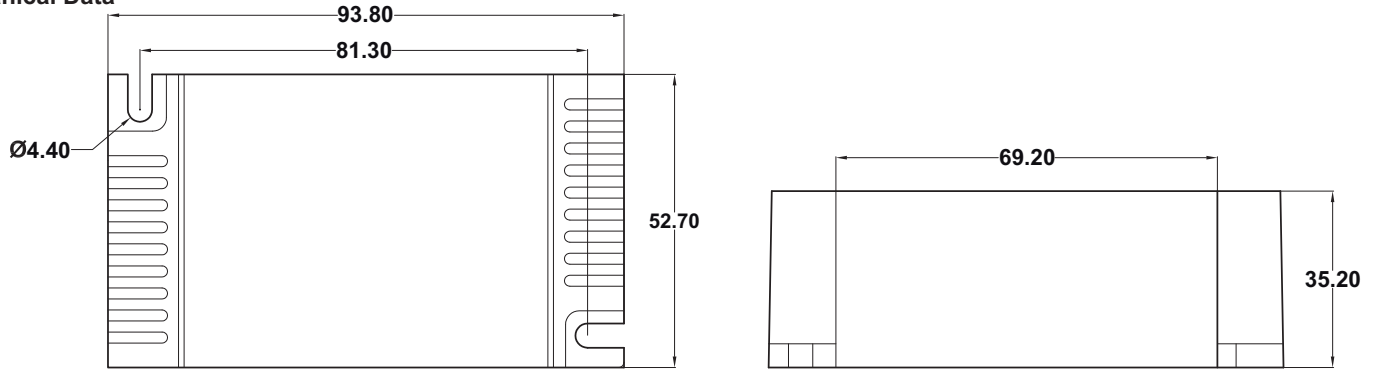


Figure 6

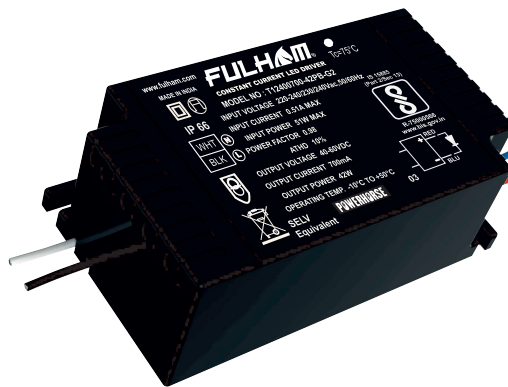




Mechanical Data



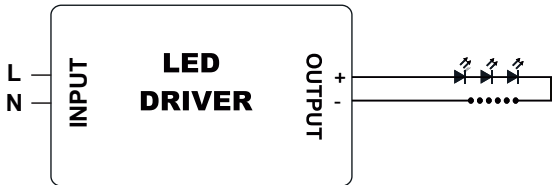
Product Image



Note : All Dimensions are in mm.

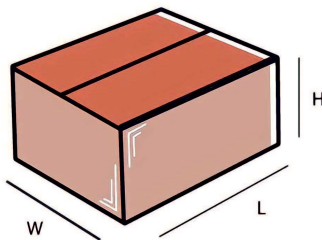
Tolerance = ± 0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	250 mm	RED	250 mm
WHITE	250 mm	BLUE	250 mm
Output wire with Terminal: N. A.			

Packaging :



Master carton

OUTER DIMENSION		
L	W	H
305mm	220mm	130mm
Net Weight	Gross Weight	QUANTITY
8.4Kg	8.9Kg	30pc.

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(Tc max) under any circumstances.

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.