

T12400700-150LB G1 SPECIFICATIONS



- Constant Current LED Driver
- Output Wattage: 150W
- Output Current: 700mA ±7%
- Flicker Free: O/P Ripple current <5% (LF <200Hz)
- CRCA enclosure with Wires
- Output voltage range of 160~214Vdc
- Suitable for Dry and Damp Locations
- 440Vac application @ 8Hrs

- Surge Immunity 4kV
- OVP and UVP Cut-off
- Thermal foldback

General Specifications

Rated Input Voltage	220-240/240/230Vac,5	50/60Hz	
Operating Input Voltage Range	120-320Vac,50Hz		
Input Current	0.8A Max @ Rated Input Voltage & Full Load		
Input Power	167W (Typical @ 240Vac)		
Power Factor	>0.95 @ Rated Input Voltage & Full Load		
THD	<10% @ Rated Input Voltage & Full Load		
Efficiency	>90% @ Rated Input Voltage & Full Load		
Driver Type	Class I (Earthing/Grounding mandatory)		
Output Current	700mA ± 7%		
Output Voltage Range	160-214Vdc		
Output Power	150W Typical		
Number of Output Channels	1 Channel		
Output Type	Constant Current		
Ambient Operating Temperature Range	-10°C to 55°C		
Max.Case Temperature	80°C Max.		
Input Surge Protection	Line-Neutral 4kV, Line & Neutral-Ground 4kV as per EN 61000-4-5		
Protections	Input Over Current	: NON-Resettable	
	Input Over Voltage	: Shutdown @ >320Vac, Auto recovery 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C	
	Input Under Voltage	: Shutdown <120Vac , Auto recovery	
	Output Short Circuit	: Auto recovery (HICCUP MODE)	
	Output to Ground short : Yes		
	Output Overload	: Yes	
	Over Temperature	: Fold back @ Tc 85°C ±5°C	
ServiceLife	50,000 hours @ Tc Max		
Approvals/Class	Class I, Dry and Damp Locations, IP 54		
Warranty	3 Years		
Weight	0.75Kg		
· · · · · · · · · · · · · · · · · · ·			

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



T12400700-150LB G1 SPECIFICATIONS



Figure 1

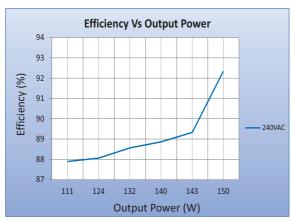


Figure 2

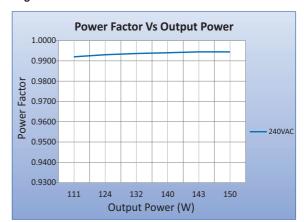


Figure 3

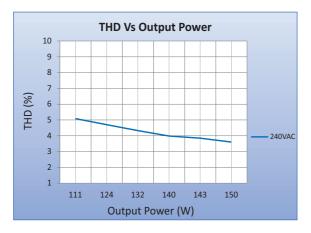


Figure 4

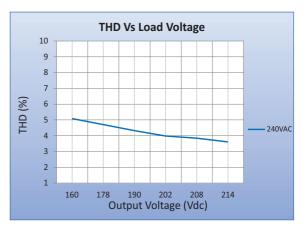
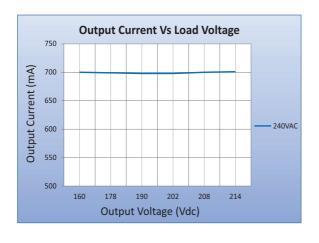
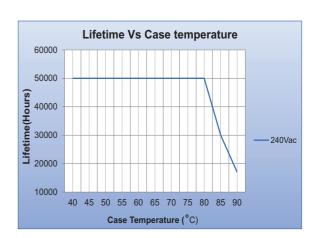


Figure 5





Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>03 years @ Max Tc</u> 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.

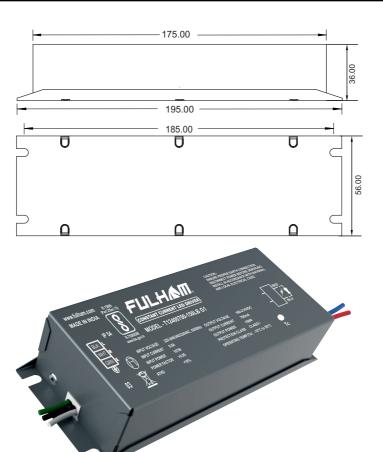


T12400700-150LB G1 SPECIFICATIONS



Mechanical Data

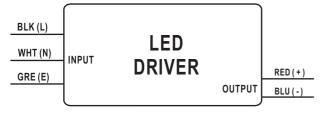
A. Cabinet With Mounting



Note: All Dimensions are in mm

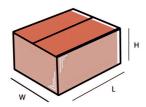
Tolerance=±0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT	LENGTH
BLACK (L)		RED (+)	200±5mm
WHITE (N)	200±5mm	BLUE (-)	
GREEN (E)			

Packaging

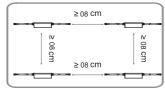


Master carton

OUTER DIMENSION						
L		V	٧	Н		
315mm	5mm 200)mm	90mm		
Net Weight	_	ross eight	QL	JANTITY		
4.5 kg	4.	68 kg		6 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(Tc max) under any circumstances.
- ≥ 08 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 <u>03 years @ Max Tc</u> 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.