

### T12400700-150LB SPECIFICATIONS

Suitable for Dry and Damp Locations

Flicker Free: O/P Ripple current <5% (LF <200Hz)



- CRCA enclosure with Wires
  - Output voltage range of 160~214Vdc
- Surge Immunity 5kV/5kV
- OVP and UVP Cut-off
  - hermal foldback
  - 440Vac application @ 48Hrs

# Output Wattage: 150WInput Voltage: 240±20%Vac,50Hz

• Output Current: 700mA ±7%

Constant Current LED Driver

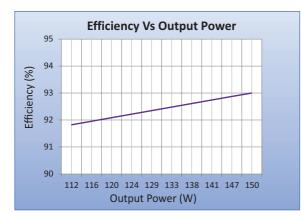
# **General Specifications**

Rated Input Voltage	240Vac±20%,50Hz		
Operating Input Voltage Range	120-320Vac,50Hz		
Input Current	0.7A Max @ 240Vac		
Input Power	167W (Typical @ 240\	/ac)	
Power Factor	>0.95		
THD	<10%		
Efficiency	>90%		
Driver Type	Class I		
Output Current	700mA ± 7%		
Output Voltage Range	160-214Vdc		
No Load Output Voltage	220 <u>+</u> 3Vdc		
Output Power	150W		
Number of Output Channels	1Channel		
Output Type	Constant Current		
Ambient Operating Temperature Range	-10°C to 55°C		
Max.Case Temperature	80°C Tc Max.		
Input Surge Protection	Line-Neutral 5kV, Line	& Neutral-Ground 5kV as per EN 61000-4-5	
Protections	Input Over Current : NON-Resettable		
	Input Over Voltage	: Shutdown @ >320Vac, Auto recovery 440Vac for 48 hours @ 35°C, 320Vac for 48 hours @ 50°C	
	Input Under Voltage	: Shutdown <115Vac , Auto recovery @ 120±3Vac	
	Output Short Circuit	: Auto recovery (HICCUP MODE)	
	Output to Ground shor	t: Yes	
	Output Overload	: Yes	
	Over Temperature	: Fold back at Tc 85°C ± 5°C	
ServiceLife	50,000 hours @ 80°Tc	:	
Approvals/Class	Class I, Dry and Damp Locations, IP 54		
	EN 61347-2-13		
	EN 62384		
Warranty	3 Years		
Weight	0.9Kg		
Note : The usage of a compatible SPD is mandatory for	r outdoor application.		
Recommended Fulham SPD - SPD1230S5A5K54			

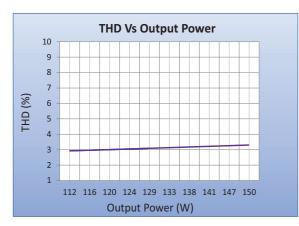




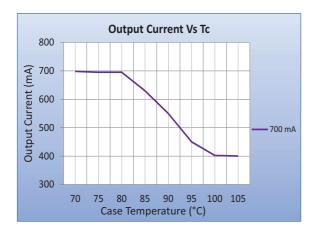
#### Figure 1



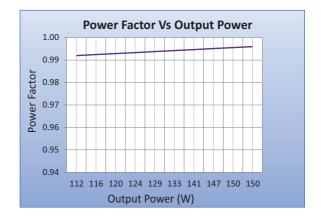
#### Figure 3



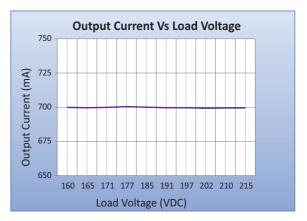
#### Figure 5

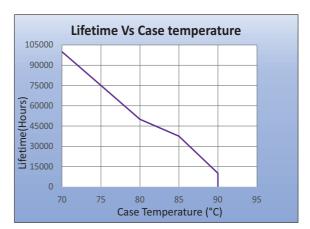












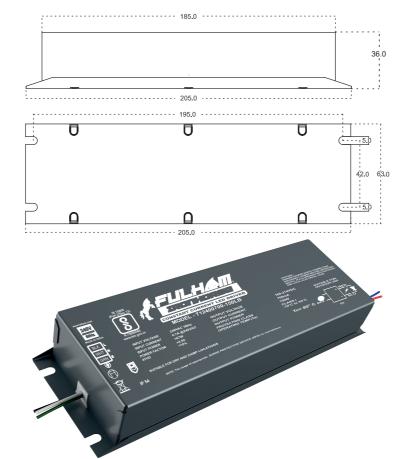
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>03 years @ Max Tc</u> from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog (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.





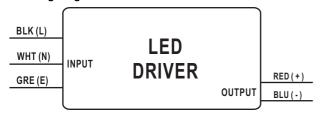
#### Mechanical Data

A. Cabinet With Mounting



#### Note : All Dimensions are in mm Tolerance=±0.5mm

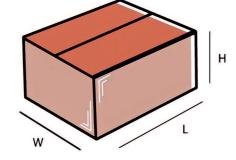
#### Wiring Diagrams



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

#### Note: This Driver Must Be Grounded

## Packaging



#### Master carton

OUTER DIMENSION						
L V		V	Н			
225mm 2		205	ömm	140mm		
Net Weight	-	iross eight	QL	UANTITY		
8 kg	8	.5 kg	09 pc.			

Installation Instructions:

Connect Wires as per details given on the Driver Screen. Keep proper ventilation around the LED Driver and do not stack any object on it. Also a 10-15 cm clearance must be kept when the adjacent device is a heat source. Do not exceed the declared Hot spot temperature(Tc max) under any circumstances.

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