

- Constant Current LED Driver
- Output Wattage: 200W
- Input Voltage: 240±20%Vac,50Hz
- Output Current: 700mA ±7%
- Aluminium Extrusion Enclosure and Cables
- Output voltage range of 215~286Vdc
- Suitable for Dry,Damp and Wet Locations
- 440Vac application @ 48Hrs
- Surge Immunity 5kV/5kV
- OVP and UVP Cut-off
- IP 67

General Specifications

Rated Input Voltage	220-240/240Vac ±20%,50Hz
Operating Input Voltage Range	100-300Vac,50Hz
Input Current	0.95A Max @ 240Vac
Input Power	222W (Typical @ 240Vac)
Power Factor	>0.95
THD	<10%
Efficiency	>90%
Driver Type	Class I
Output Current	700mA ± 7%
Output Voltage Range	215-286Vdc
No Load Output Voltage	291±3Vdc
Output Power	200W
Number of Output Channels	1Channel
Output Type	Constant Current
Ripple Current	<10% (I _{pk} / I _{rms})
Ambient Operating Temperature Range	-20°C to 55°C
Max.Case Temperature	80°C 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 @ >325Vac, Auto recovery @ 300-315Vac, 440Vac for 48 hours @ 35°C, 320Vac for 48 hours @ 50°C Input Under Voltage : Shutdown < 95Vac , Auto recovery @ 100±3Vac Output Short Circuit : Auto recovery (HICCUP MODE) Output to Ground short : Yes Output Overload : Yes Over Temperature : Fold back at T _c 85°C ± 5°C
ServiceLife	50,000 hours @ 80°C
Approvals/Class	Class I, Dry,Damp and Wet Locations, IP 67
RFI/EMI	EN 61347-2-13, EN 62384, EN 61547, EN 61000-3-2, EN 61000-3-3 EN55015 / CISPR15
Warranty	3 Years
Weight	1.2 Kg

Note : The usage of a compatible SPD is mandatory for outdoor application. Recommended Fulham SPD - SPD1230S5A5K54 / SPD1230S5A10K54

Figure 1

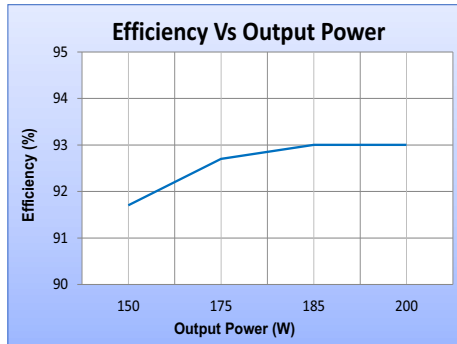


Figure 2

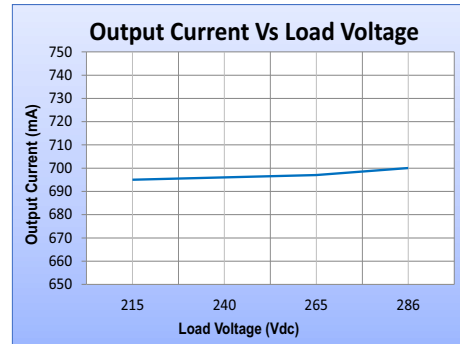


Figure 3

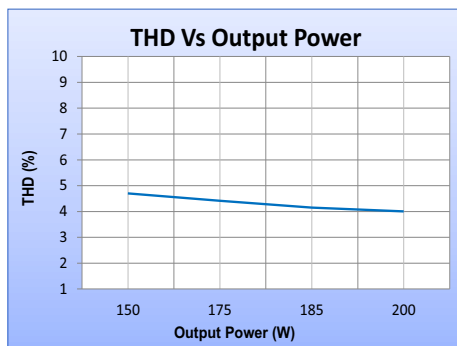


Figure 4

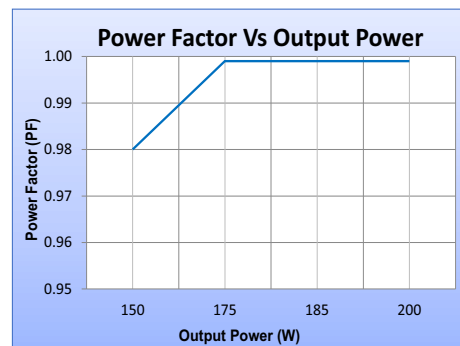


Figure 5

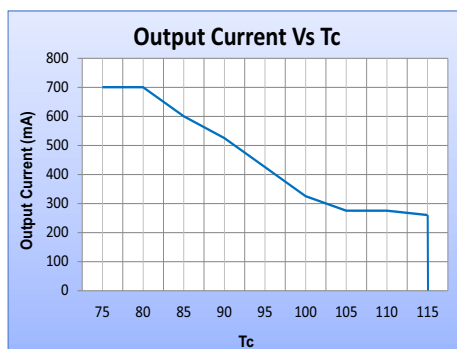


Figure 6

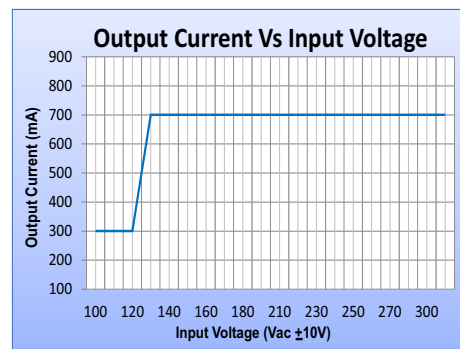
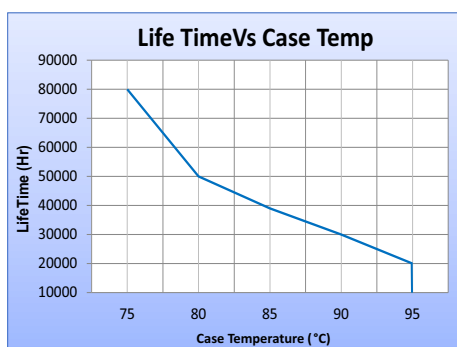
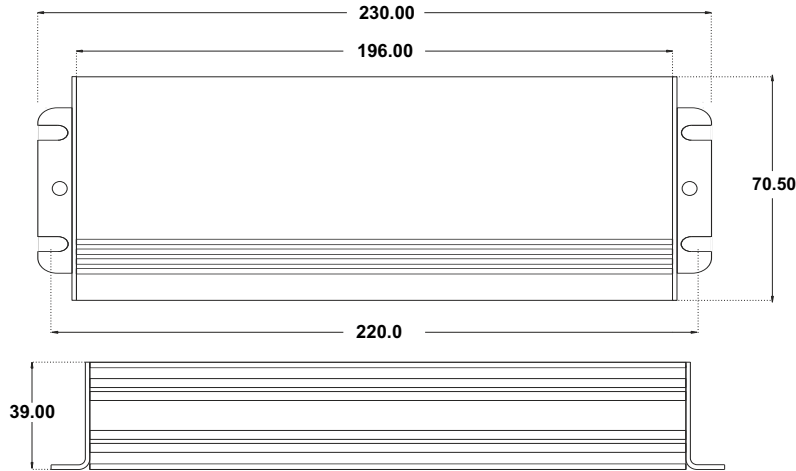


Figure 7

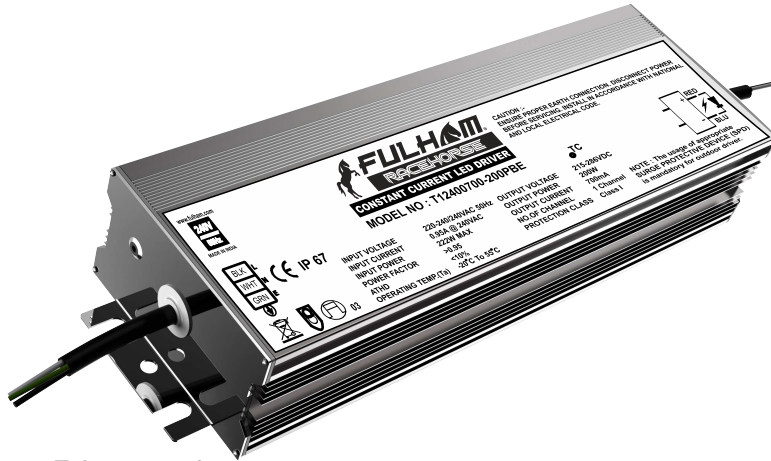


Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc 80°C** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog (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

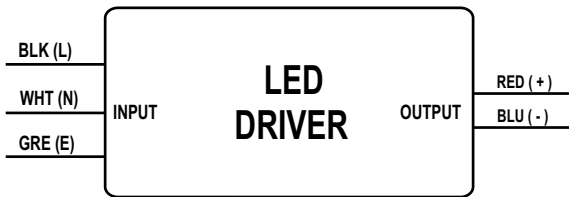


Product Image



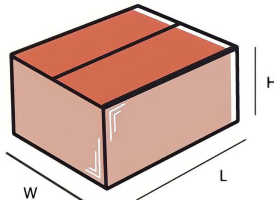
Note :All Dimensions are in mm .Tolerance=±0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	3 CORE CABLE 300mm	RED (+)	2 CORE CABLE 300mm
WHITE (N)		BLUE (-)	
GREEN (E)			

Packaging



Master carton

OUTER DIMENSION		
L	W	H
235mm	230mm	155mm
Net Weight	Gross Weight	QUANTITY
10.8kg	11.5kg	09

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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