

- Constant Current LED Driver
- Output Wattage: 172W
- Input Voltage: 240±20%Vac,50Hz
- Output Current: 600mA ±7%
- CRCA enclosure with Wires
- Output voltage range of 220~286Vdc
- Suitable for Dry and Damp Locations
- 440Vac application @ 48Hrs
- Surge Immunity 5kV/5kV
- OVP and UVP Cut-off
- IP 54

## General Specifications

Rated Input Voltage	240Vac ±20%,50Hz
Operating Input Voltage Range	100-300Vac,50Hz
Input Current	0.80A (Typical @ 240Vac)
Input Power	192W (Typical @ 240Vac)
Power Factor	>0.95
THD	<10%
Efficiency	>90%
Driver Type	Class I
Output Current	600mA ± 7%
Output Voltage Range	220-286Vdc
No Load Output Voltage	291±3Vdc
Output Power	172W
Number of Output Channels	1 Channel
Output Type	Constant Current
Ripple Current	<10% (I <sub>pk</sub> / I <sub>rms</sub> )
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 @ >315Vac, Auto recovery @ 300-315Vac, 440Vac for 48 hours @ 35°C, 310Vac 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 <sub>c</sub> 90°C ± 5°C
ServiceLife	50,000 hours @ 80°C
Approvals/Class	Class I, Dry and Damp Locations, IP 54
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

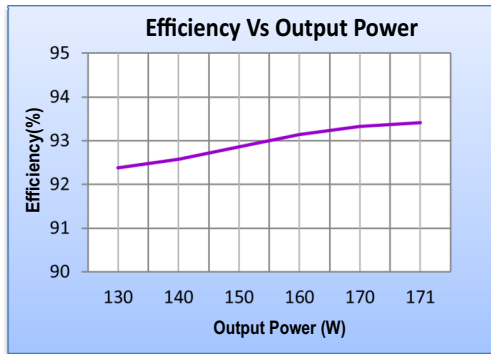


Figure 2

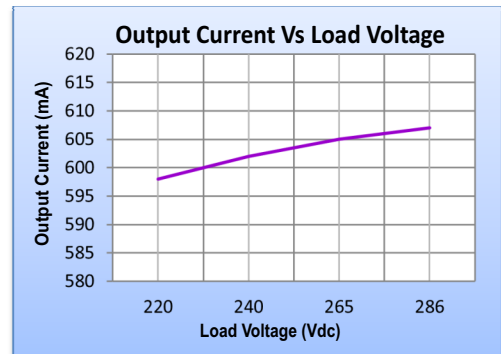


Figure 3

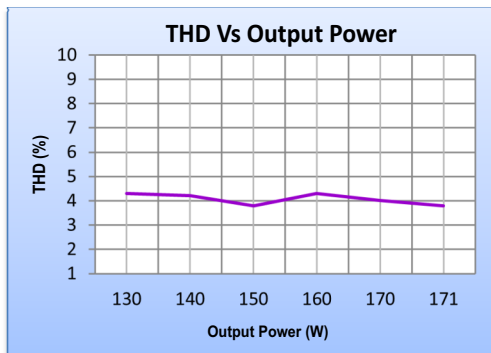


Figure 4

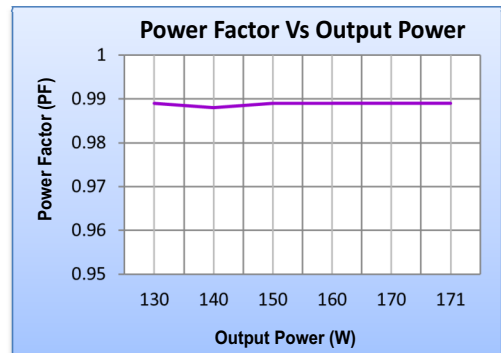


Figure 5

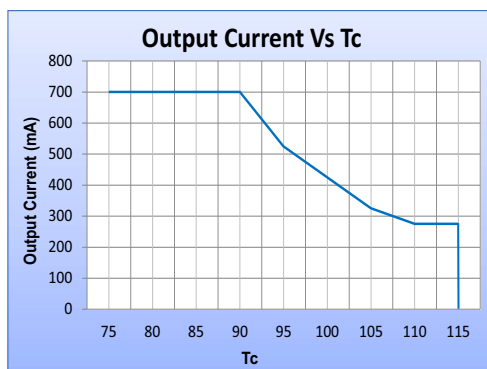


Figure 6

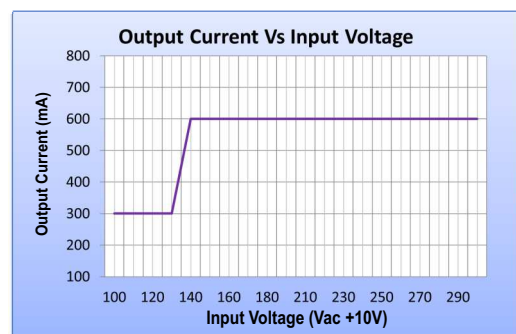
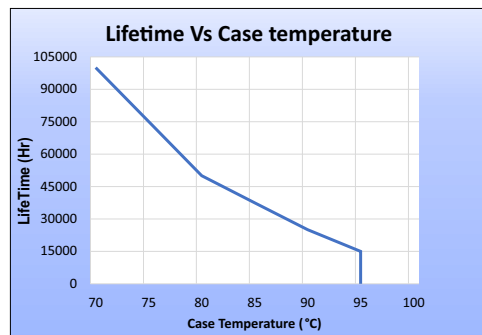
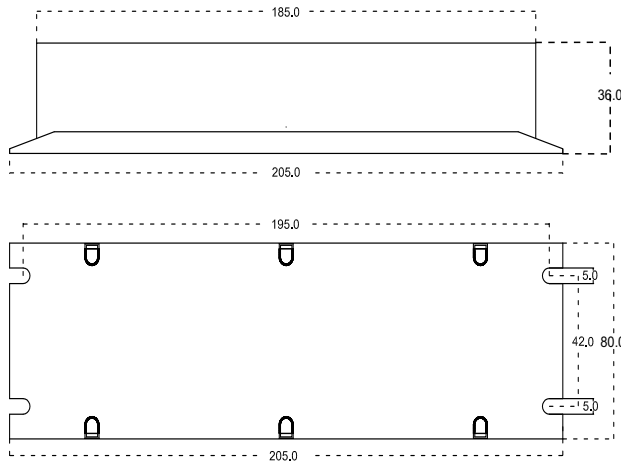


Figure 7



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](http://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

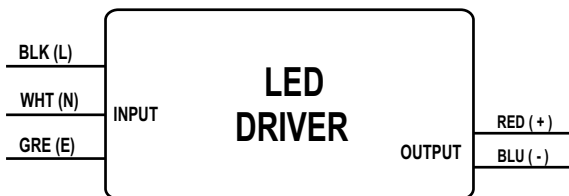


### Product Image



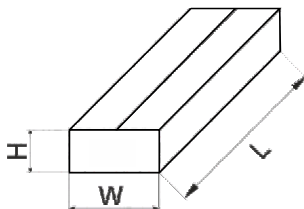
Note :All Dimensions are in mm .Tolerance=±0.5mm

### Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	300±5mm	RED (+)	300±5mm
WHITE (N)		BLUE (-)	
GREEN (E)			

### Packaging



### Master carton

OUTER DIMENSION		
L	W	H
10.03"(255mm)	8.07"(205mm)	5.51"(140mm)
Net Weight	Gross Weight	QUANTITY
24.25 lbs. (11 kg)	24.25 lbs. (11 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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