

- Constant Current LED Driver
- Output Wattage: 200W
- Input Voltage: 240±20%Vac,50Hz
- Output Current: 700mA ±7%
- CRCA enclosure with Wires
- Output voltage range of 215~286Vdc
- Suitable for Dry and Damp Locations
- Flicker Free: O/P Ripple current <5% (LF <200Hz)
- Surge Immunity 5kV/5kV
- OVP and UVP Cut-off
- 440Vac application @ 48Hrs

General Specifications

Rated Input Voltage	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	1 Channel
Output Type	Constant Current
Ambient Operating Temperature Range	-20°C to 55°C
Max. Case Temperature	85°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 Tc 85°C ± 5°C
Service Life	50,000 hours @ 85°C Tc
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

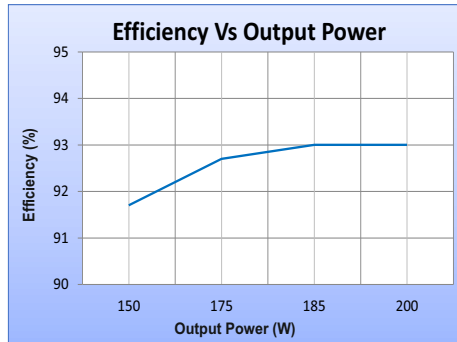


Figure 2

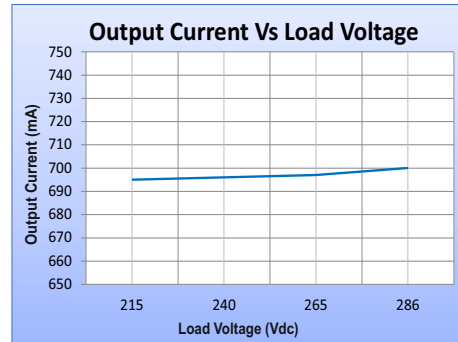


Figure 3

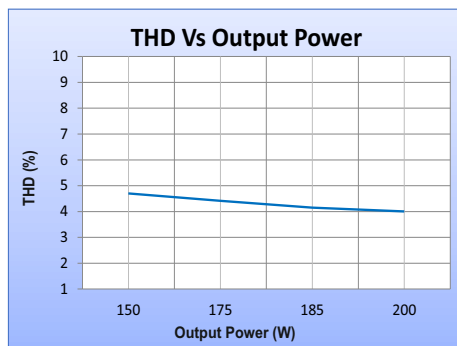


Figure 4

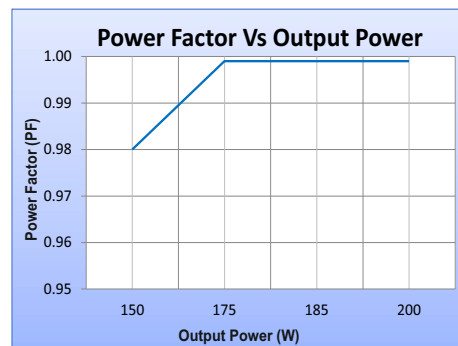


Figure 5

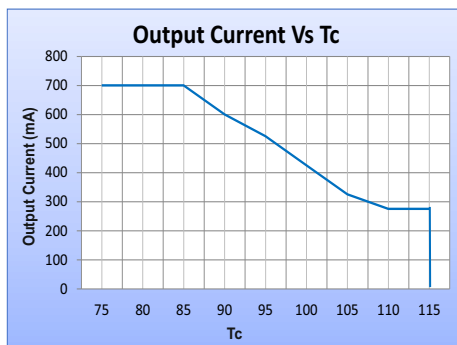


Figure 6

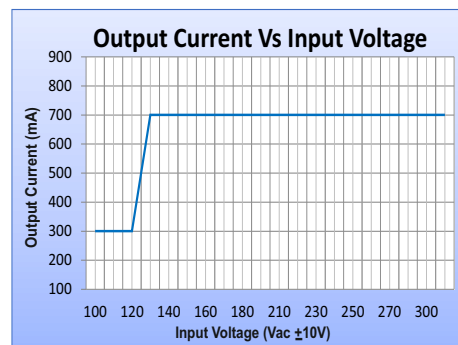
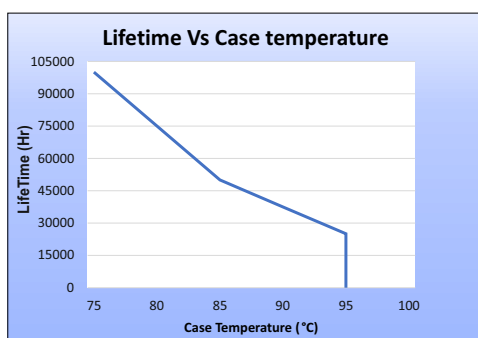
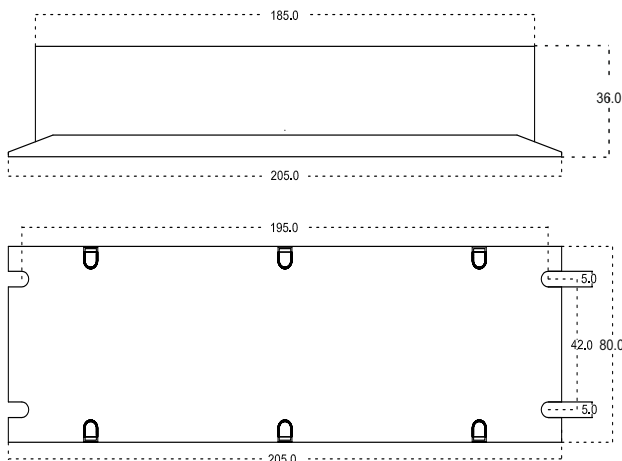


Figure 7



Mechanical Data



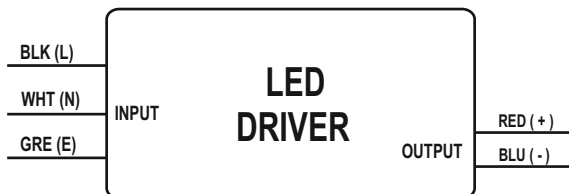
Product Image



Note :All Dimensions are in mm .

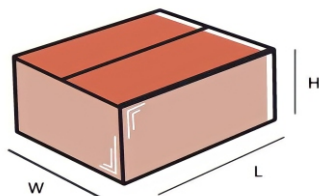
Tolerance=±0.5mm

Wiring Diagrams



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

Packaging

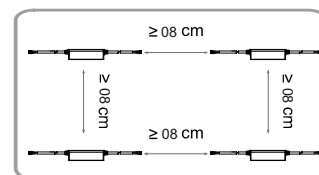


Master carton

OUTER DIMENSION		
L	W	H
285mm	225mm	80mm
Net Weight	Gross Weight	QUANTITY
7.2 kg	7.4 kg	06 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 **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.