

- Constant Current LED Driver
- Output Wattage: 150W
- Input Voltage: 240±15%, 50Hz
- Output Current: 700mA ±5%
- CRCA enclosure with Wires
- Output voltage range of 140-214VDC
- IP65
- Analog Dimming 1-10Vdc
- Surge Immunity 5KV/5KV
- OVP and UVP Cut-off
- 440Vac application @ 8Hrs
- Thermal Protection

General Specifications

Rated Input Voltage	240VAC ±15%, 50Hz
Operating Input Voltage Range	100-320VAC, 50Hz
Input Current	1.93 A Max.
Input Power	183W Max.
Power Factor	>0.95 (across rated line and load)
THD	<10% (across rated line and load)
Efficiency	>86% (across rated line and load)
Driver Type	Isolated, Class I (IEC 61140)
Output Current	700mA ±5%
Output Voltage Range	140-214VDC
No Load Output Voltage	235Vdc
Output Power	150W
Stand By Power	NA
Number of Output Channels	1 Channel
Stand By Time	NA
Dimming Controller Type/Dimming Range	Analog Dimming, 1-10Vdc (10-100%)
Output Type	Constant Current
Ambient Operating Temperature Range	-10°C to 50°C
Case Temperature	80°C, Tc max - Lifetime 85°C, Tc max - Operation
Input Surge Protection	Line - Neutral 5KV, Line - Neutral & Ground 5KV Input Current Protection - Non Resettable Output Short Circuit Protection - Autorecovery
Protections	Input Over Voltage - Shutdown @ >325Vac, Auto recovery @ 300-315Vac, 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C Input Under Voltage - Shutdown < 95Vac, Auto recovery 100Vac to 110Vac Over Temperature protection - Output Current Foldback Above Tc max Operation Output to ground short - Auto recovery Output Overload - Limited by maximum Output Voltage
Service Life	50,000 hours @ Tc Max - Lifetime
Approvals / Class	Class I (IEC 61140); Dry and Damp Locations; IP65 EN 61347-2-13 EN 62384 EN 61547 EN 61000-3-2 EN 61000-3-3
RFI/EMI	EN55015 / CISPR15
Warranty	3 YEARS
Weight	0.9 KG

Note : The usage of a compatible* SPD is mandatory for outdoor application.
 *Compatibility : Any SPD with Up (L-N) ≤ 1700V (Up- Voltage protection level as defined in IEC61643-11)
 Recommended Fulham SPD - SPD1360S5A5K67

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.

Figure 1

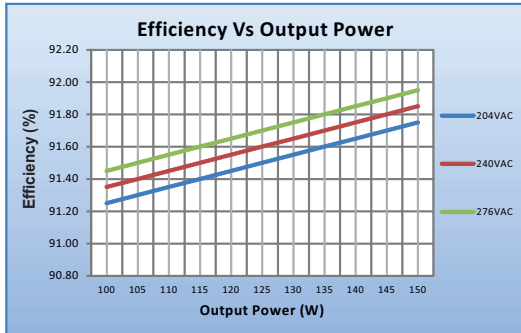


Figure 2

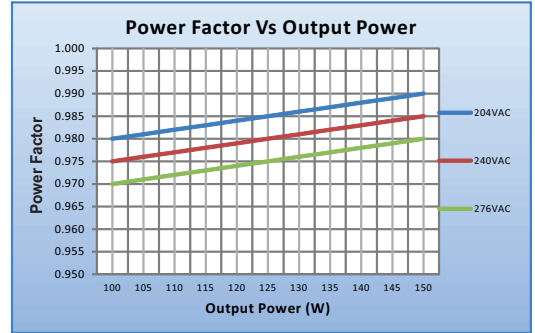


Figure 3

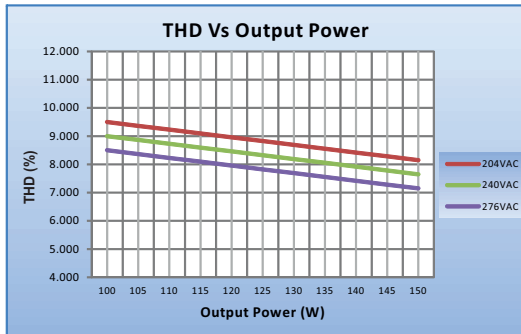


Figure 4

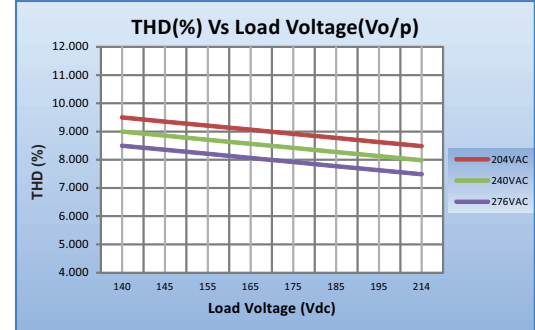


Figure 5

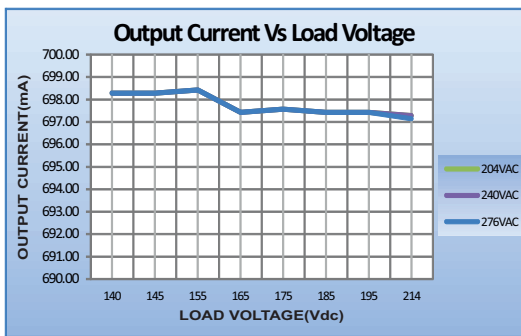


Figure 6

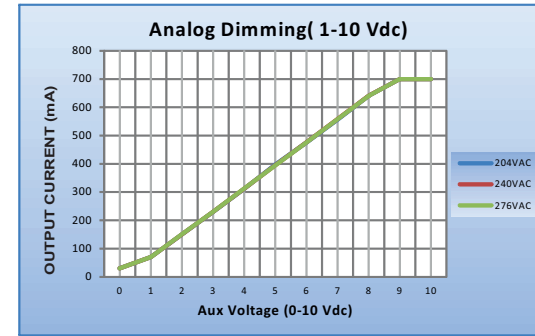


Figure 7

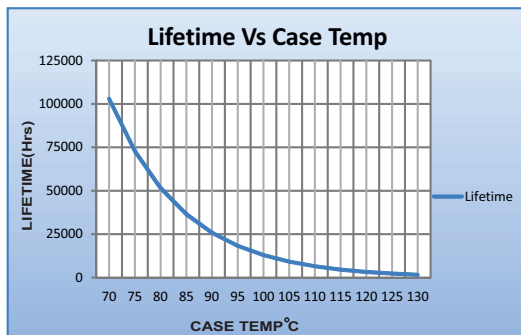
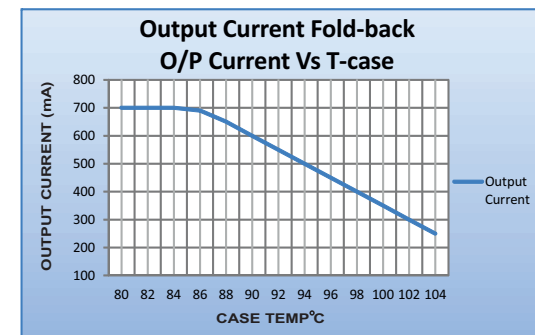


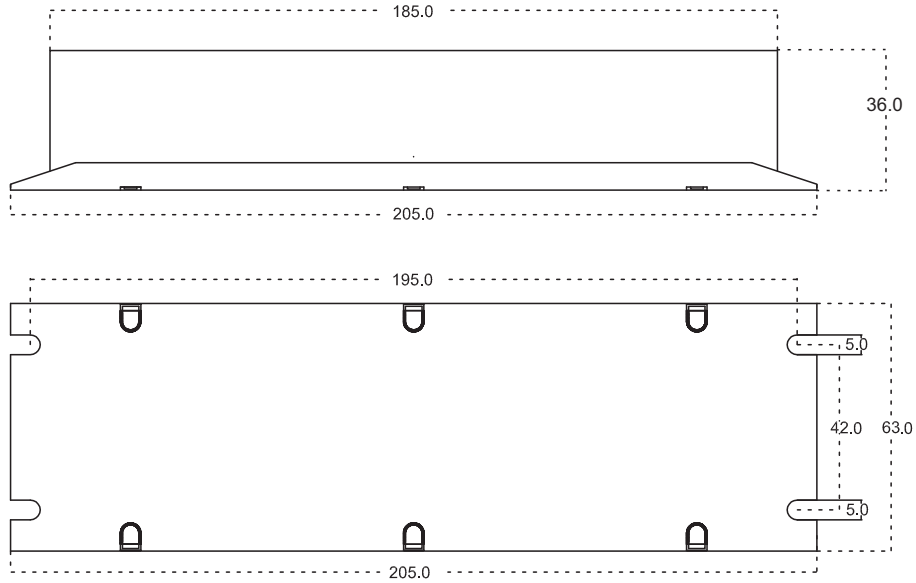
Figure 8



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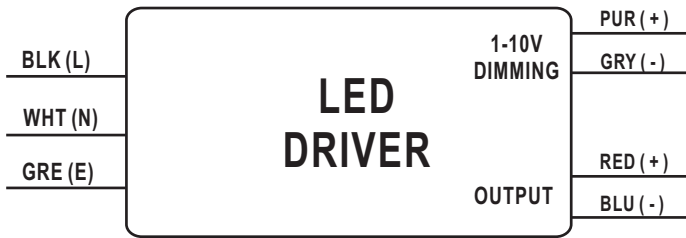
Mechanical Data

MECHANICAL DATA



Tolerance=±0.5mm

Wiring Diagrams



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

Note: This Driver Must Be Grounded