



- Constant Current LED Driver
- Output Wattage: 180W
- Input Voltage: 120~277VAC%, 50/60Hz
- Output Current: 1200mA ±5%
- Aluminum extrusion with S.S Side Brackets
- Output voltage range of 110-150VDC
- Surge Immunity 6KV/6KV
- Analog Dimming 1-10Vdc

### General Specifications

Rated Input Voltage	120-277VAC, 50/60Hz
Operating Input Voltage Range	100-305VAC, 50/60Hz
Input Current	2.1A Max @ 100VAC, 0.8A Max @ 240VAC, 0.7A Max @ 277VAC
Input Power	210W Max.
Power Factor	>0.95 (across load range)
THD	10% (across load range)
Efficiency	>90% (across load range)
Driver Type	Isolated, Class I (IEC 61140)
Output Current	1200mA ±5%
Output Voltage Range	110-150VDC
No Load Output Voltage	180VDC
Output Power	180W
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	75°C, Tc max - Lifetime 80°C, Tc max - Operation
Input Surge Protection	Line - Neutral 6KV, Line - Neutral & Ground 6KV Input Current Protection - Non Resettable Output Short Circuit Protection - Autorecovery
Protections	Over Voltage Operation - 320VAC for 48 hours @ 50°C 360VAC for 2 hours @ 50°C Input Under Voltage - 100VAC Operation for 48 hours at 50°C Shutdown < 100Vac, Auto recovery in between (100 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, Damp and Wet Locations; IP67
Warranty	3 YEARS
Weight	1.40 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



Figure 1

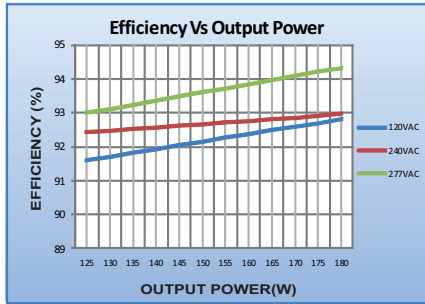


Figure 2

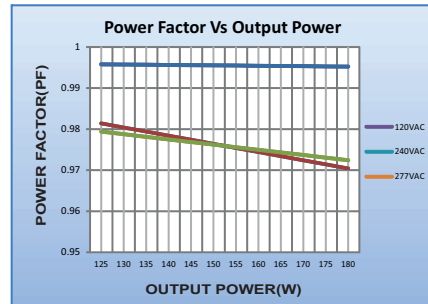


Figure 3

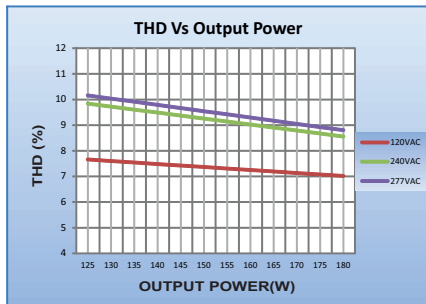


Figure 4

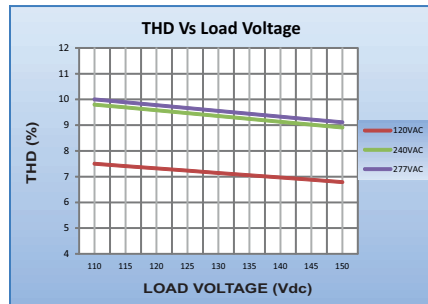


Figure 5

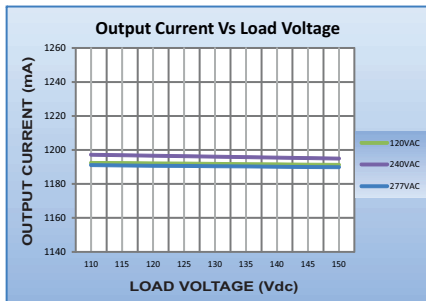


Figure 6

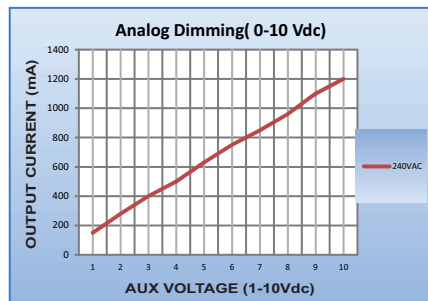


Figure 7

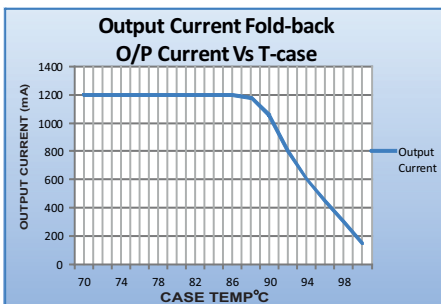
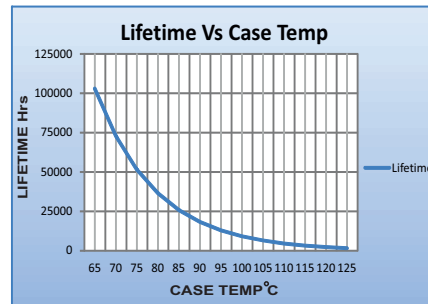


Figure 8

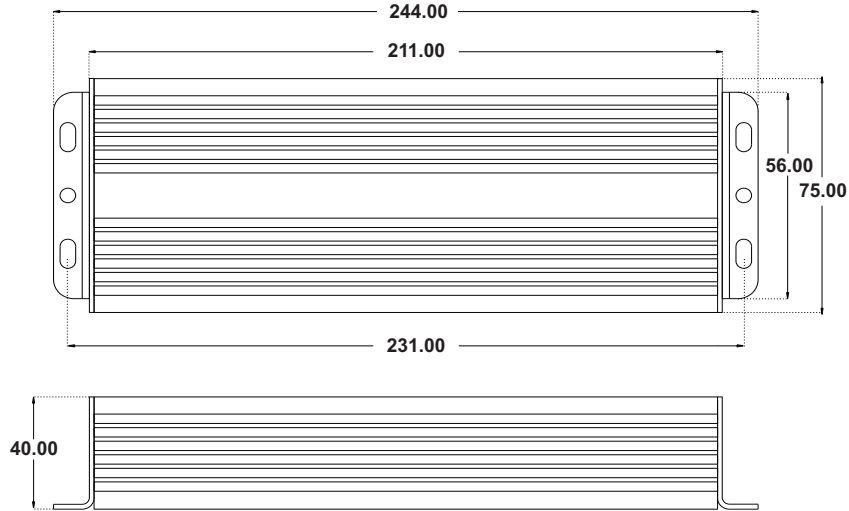


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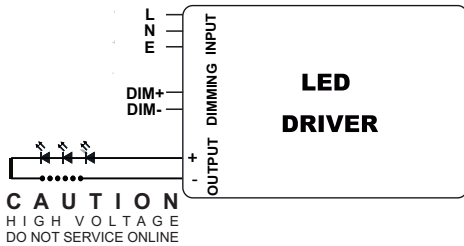
Mechanical Data

**MECHANICAL DATA**



Tolerance=±0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	3-CORE CABLE 350±10mm	RED (+)	2-CORE CABLE 350±10 mm
WHITE (N)		BLUE (-)	
GREEN (E)		<b>DIMMING</b>	<b>LENGTH</b>
		PURPLE (DIM+)	2-CORE CABLE 350±10 mm
		GREY (DIM -)	

Note: This Driver Must Be Grounded

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