



T1M1UNV1200-180PE SPECIFICATIONS



- 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 EN 61347-2-13 EN 62384 EN 61547 EN 61000-3-2 EN 61000-3-3
RFI/EMI	EN55015 / CISPR 15
Warranty	3 Years
Weight	1.40 Kg

Note : The usage of a compatible SPD is mandatory for outdoor application.

Recommended Fulham SPD - SPD1230S5A5K54

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc 75°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

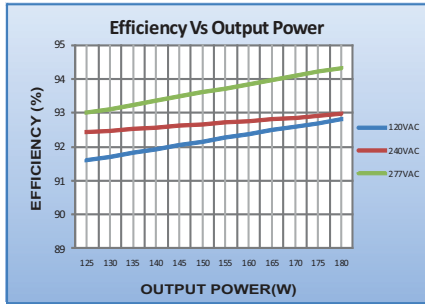


Figure 2

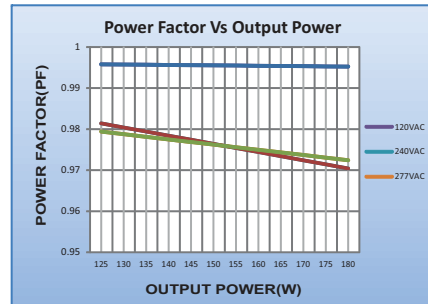


Figure 3

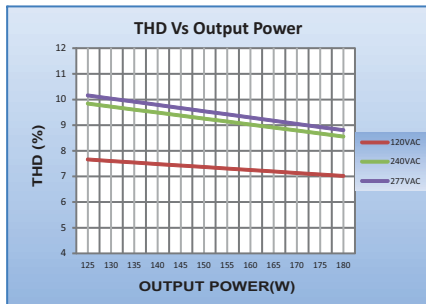


Figure 4

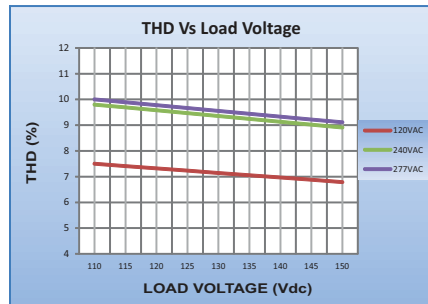


Figure 5

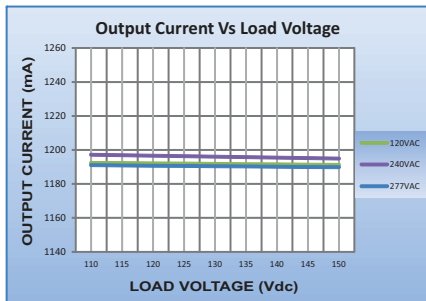


Figure 6

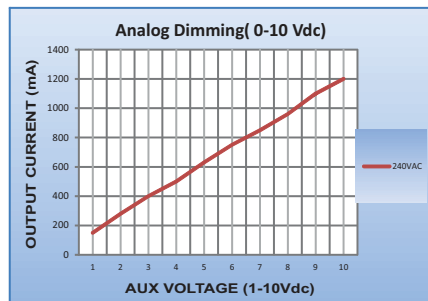
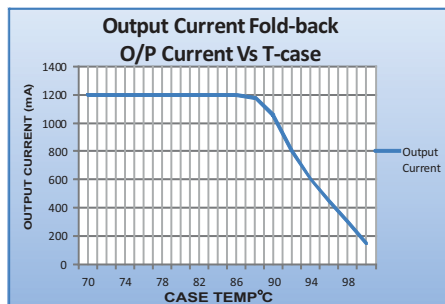
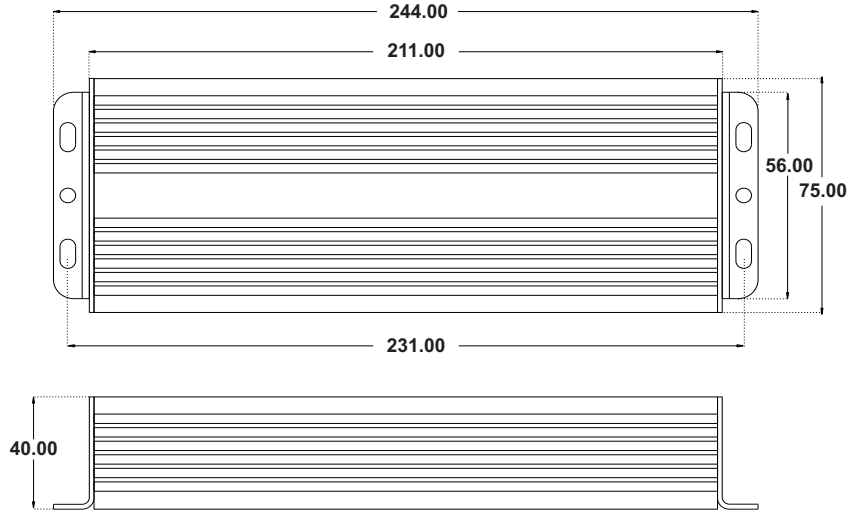


Figure 7



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Mechanical Data

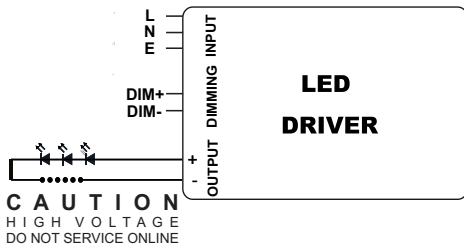


Product image



Tolerance=±0.5mm

Wiring Diagrams



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

Note: This Driver Must Be Grounded

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