

SPECIFICATION SHEET: T1M1UNV1680-88L

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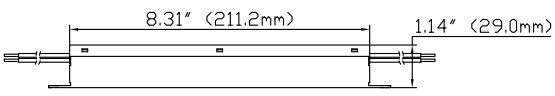
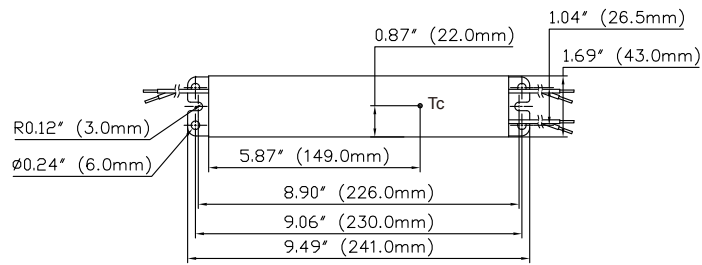
Description: ThoroLED Driver - Output max 74W - Universal Voltage - 1680mA - 0-10V Dimming - Constant Current - 21-44V Forward Voltage - Long Case - IP64

This Driver Will Operate The Following LED Modules:
 Any LED module designed to accept constant input current of 1680mA and has a forward input voltage range of 21-44VDC.

ELECTRICAL DATA

Input Voltage	120-277VAC, 50/60Hz
Input Current	0.84A Max.
Input Power	101W
Power Factor	>0.9
THD	<20%
Efficiency	Typical 87% @ Full load
Driver Type	Constant Current
Output Voltage Range	21-44VDC
Output Current	1680mA
Output Wattage	74W Max.
Number of Output Channels	1
Dimming	0-10V
Dimming Range	100%-10%
RF/EMI	FCC PART 15B CONSUMER, EN55015
Output Type	CLASS 2, LED CLASS 2
Ambient Operating Temperature Range	-25°C to 52°C
Max Case Temperature at Tc	90°C
Sound Rating	A
Input Surge Protection	Line-Neutral 2kV, Line & Neutral-Ground 4kV
Protections	Input Surge Protection
	Input Current Protection
	Output Short Circuit Protection
	Output Open Circuit Protection
	Overload Protection
Expected Service Life	50,000 hrs @ Tc 75°C
Approvals / Class	cURus Class 2, IP64, CE, RoHS, Dry or Damp Locations, Type TL/HL

MECHANICAL DATA



Tolerance=±0.02"

WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
WHITE	13" [330mm]	RED	13" [330mm]
BLACK	13" [330mm]	BLUE	13" [330mm]
		PURPLE	13" [330mm]
		GREY	13" [330mm]



NOTE : This Driver Must Be Grounded

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 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.

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