SPECIFICATION SHEET: T1M1UNV1800-88L

This Is An Original Product From Fulham Co., Inc
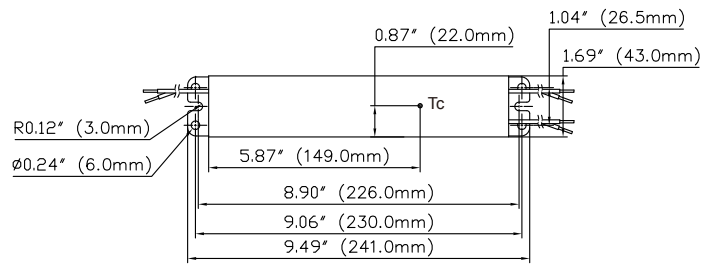
CE cULus E342838 RoHS COMPLIANT IP64

Description: ThoroLED Driver - Output max 79.2W - Universal Voltage - 1800mA - 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 1800mA 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	1800mA
Output Wattage	79.2W Max.
Number of Output Channels	1
Dimming	0-10V
Dimming Range	100%-10%
RFI/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

1.04″ (26.5mm)
1.69″ (43.0mm)
0.87″ (22.0mm)
Tc
R0.12″ (3.0mm)
Ø0.24″ (6.0mm)
5.87″ (149.0mm)
8.90″ (226.0mm)
9.06″ (230.0mm)
9.49″ (241.0mm)

8.31″ (211.2mm)
1.14″ (29.0mm)

Tolerance=±0.02"

WIRING DIAGRAMS

INPUT SIDE	LENGTH
WHITE	13" [330mm]
BLACK	13" [330mm]

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

WHT(N)
BLK(L)
INPUT 120-277V
LED DRIVER
OUTPUT +
DIMMING + 0-10VDC
RED
BLU
PUR
GRY
LED MODULE

NOTE : This Driver Must Be Grounded

2016-622-1 REV A

CE c**UL**us
E342838

RoHS COMPLIANT IP64

SPECIFICATION SHEET: T1M1UNV1800-88L

This Is An Original Product From Fulham Co., Inc

0-10V Dimming Curve

Output current(%)

X-axis: Dimming Voltage(V), range 0 to 10
Y-axis: Output Current(%), range 0 to 100

2016-622-2 REV A