



T1M1UNV140P-200LES

INSTALLATION INSTRUCTIONS



- Built-in LED Driver
- U-OUT 350V
- IP65 Dry and Damp
- Suitable for Class I luminaire
- Universal Voltage: 120-277V~, 50/60Hz
- Output voltage range of 80-280V~
- Output Power: 200W Max.
- Output Current: 500-1400mA
- Programmable LED Driver
- 0-10V Dimming
- Customizable Dimming Curve
- Linear Case and Cable

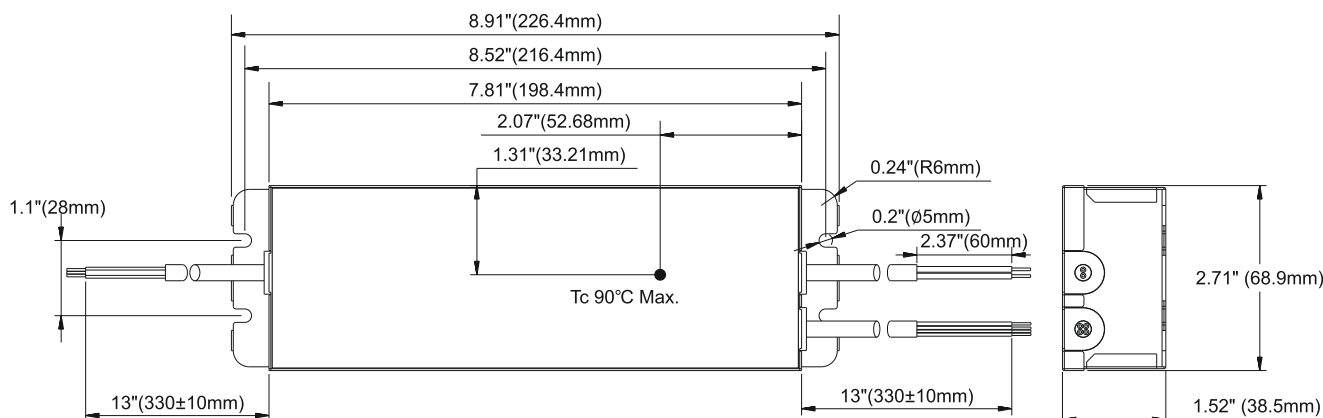
This Driver Will Operate The Following LED Modules: Any LED module designed to accept input voltage range of 80- 280 V~ and can operate up to current of 500-1400mA.

General Specifications

Input Voltage	120-277~, 50/60Hz
Input Current	1.9A Max.
Input Power	226W
Standby Power	<0.5W
NTC Input	Ext. NTC Derating Resistance Range: 1k to 51k Ohm programmable. Default/Recommended Ext. NTC P/N: TSM2A104J4503RZ, SMD0805, Thinking Electronic.
Power Factor	>0.9
THD	<20%
Efficiency	92% Typical
Driver Type	PROGRAMMABLE CONSTANT CURRENT DRIVER
Output Current	500-1400 mA
Output Voltage Range	80-280V~
Output Power	200W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	0-10 VDC / 100%-10%, 0%
RFI/EMI	EN55015
Potting Type / Degree of Fill	Potting As Per ASTM D36-86 / Fully Potted
Ambient Operating Temperature Range	-40°C To 50°C (-40°F To 122°F)
Max. Case Temperature	90°C (194°F)
Sound Rating	A
Input Surge Protection	Line-Neutral 10 kV, Line & Neutral-Ground 10 kV
Protections	Input Current Protection Output Open Circuit Protection Output Short Circuit Protection Output to Ground Short Protection Overload Protection Over Temperature Protection
Runtime Counting of Every 10 Degrees	Yes
Service Life	50,000 hours @ Tc 75°C (167°F)
Warranty	5 years

Mechanical Data

Tolerance=±0.02"[0.5mm]



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Manufacturer:
North China
Fulham Electronic Co. Ltd.
No. 9 Xingchang Road, Nanshao Zhen Changping Science Park, Beijing, P.R. China

Fulham extends a limited warranty to the original purchaser or 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. The usage of appropriate series connected Surge Protection Device (SPD) is required in high risk applications. For complete terms and conditions, please refer to the Warranty Center at www.fulham.com. Specifications subject to change without notice.

Wiring Diagrams

A Mounting the LED driver



NOTE:

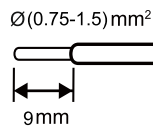
This driver has four mounting holes, two on each side.
Four round holes are needed for mounting.
This driver must be grounded

B Making the wire connections



Input Side	Length
BLU(N)	13"(330mm)
BRW(L)	13"(330mm)
YLW/GRN	13"(330mm)

Output Side	Length
RED(+)	13"(330mm)
BLACK(-)	13"(330mm)



Programming Side	Length
ORANGE(+)	13"(330mm)
YELLOW(-)	13"(330mm)

Dimming Side	Length
PURPLE(+)	13"(330mm)
GRAY(-)	13"(330mm)