THOROLED FULHAM

c UL us E342838 **CE** **RoHS COMPLIANT**

TION SHEET: **T1M1UNV0800-100A**

This Is An Original Product From Fulham Co., Inc

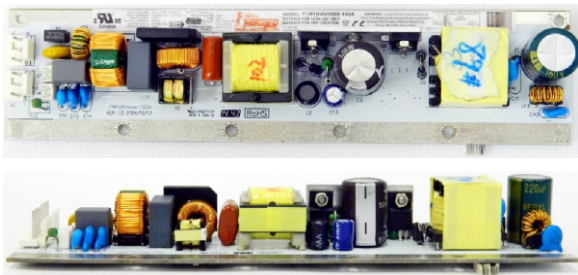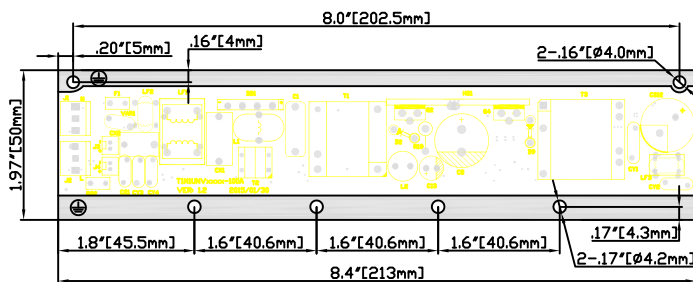| **Description:**	800mA, 100W Constant Current LED Driver with 0-10V dimming. Input range of 120-277VAC. One 800mA independent, constant current output channel.

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept constant current input of 800mA and has a forward maximum input voltage of 150VDC.

ELECTRICAL DATA

Input Voltage	120-277VAC, 50/60Hz
Input Current	0.95A @ 120VAC, 0.40A @ 277VAC
Input Power	110W
Power Factor	>0.9
THD	<20%
Driver Type	Constant Current
Output Current	800mA
Output Voltage Range	70-150VDC
Output Power	100W
Number of Output Channels	1
Dimming Controller Type / Dimming Range	0-10VDC / 100%-10%
RFI/EMI	FCC PART 15B CONSUMER
Output Type	Non Class 2
Ambient Operating Temperature Range	-25°C to 41°C
Sound Rating	A
Input Surge Protection	Line-Neutral 2kV, Line & Neutral-Ground 3kV
Protections	Input Current Protection
	Output Short Circuit Protection
	Output Open Circuit Protection
	Output To Ground Short Protection
	Overload Protection
Service Life	5 Years
Approvals / Class	cURus Non Class 2, Dry Locations; CE; RoHS;

MECHANICAL DATA

8.0"[202.5mm]
.20"[5mm] .16"[4mm] 2-.16"[Ø4.0mm]
1.97"[50mm]
1.8"[45.5mm] 1.6"[40.6mm] 1.6"[40.6mm] 1.6"[40.6mm] .17"[4.3mm]
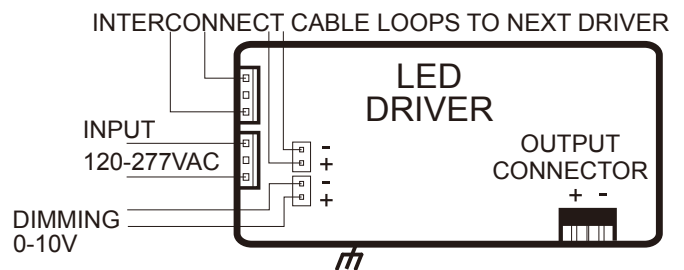8.4"[213mm] 2-.17"[Ø4.2mm]

Max. Component Height: 27mm[1.06"]
Product Total Height: 33mm[1.3"]
Tolerance=±0.02"

WIRING DIAGRAMS

INPUT SIDE	CONNETOR TYPE	BRAND
POWER	KK396 26604030	molex
DIMMING	B02B-PASK	JST

OUTPUT SIDE	CONNETOR TYPE	BRAND
OUTPUT	2058703-1	TE

INTERCONNECT CABLE LOOPS TO NEXT DRIVER

LED DRIVER

INPUT 120-277VAC

DIMMING 0-10V

OUTPUT CONNECTOR + −

NOTE : This Ballast Must Be Grounded

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