

# SPECIFICATION SHEET: T1M1UNV0800-100Z

This Is An Original Product From Fulham Co., Inc



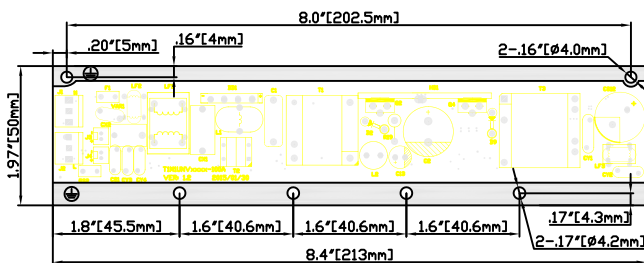
**Description:** 800mA, 100W Constant Current LED Driver with 0-10V dimming. Input range of 120-277VAC. One 800mA independent, constant current output channel.

**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 130VDC.

## ELECTRICAL DATA

Input Voltage	120-277VAC, 50/60Hz
Input Current	0.95A @ Max.
Input Power	110W
Power Factor	>0.9
THD	<20%
Efficiency	90% Typical @ 277V Full Load
Driver Type	Constant Current
Output Current	800mA
Output Voltage Range	70-130VDC
Output Power	100W
Number of Output Channels	1
Dimming Controller Type / Dimming Range	0-10VDC / 100%-10%
RFI/EMI	FCC Part 15A Non Consumer
Output Type	ISOLATED, Non Class 2
Ambient Operating Temperature Range	-25°C to 43°C
Max. Case Temperature	80°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 @ Tc 73°C
Approvals / Class	cURus, Non Class 2, Dry Locations; RoHS

## MECHANICAL DATA



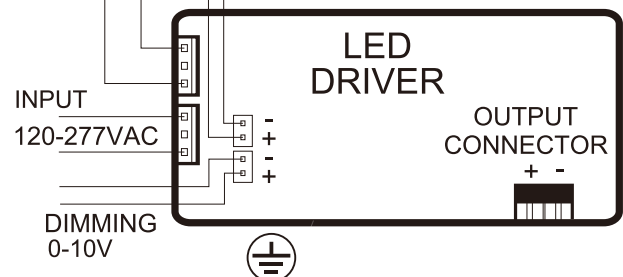
Max. Component Height: 28.7mm[1.13"]  
Product Total Height: 36mm[1.42"]  
Tolerance=±0.02"

## WIRING DIAGRAMS

INPUT SIDE	CONNECTOR USED	BRAND
POWER	26604030	molex
DIMMING	B02B-P ASK(LF)(SN)	JST

OUTPUT SIDE	CONNECTOR USED	BRAND
OUTPUT	2058703-1	TE

INTERCONNECT CABLE LOOPS TO NEXT DRIVER



NOTE : This Ballast 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 73°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](http://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.