

## SPECIFICATION SHEET : T1M1UNV0700-40C

This Is An Original Product From Fulham Co., Inc

RoHS COMPLIANT **IP64**

**Description:** Dimmable 0-10V, 700mA, 40W Constant Current LED Driver. Universal input range of 100-277V. One 700mA independent, constant current output channel. One 12V, 165mA auxiliary channel.

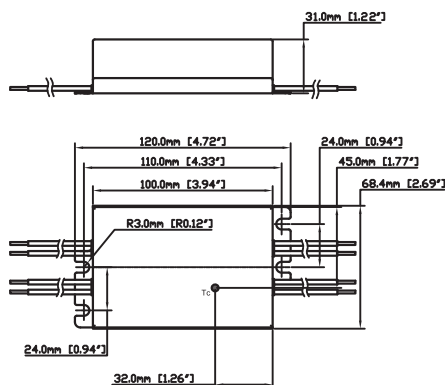
**This Driver Will Operate The Following LED Modules:**

Any LED module designed to accept constant current input of at least 700mA and has a forward voltage range of 18-58VDC.

### ELECTRICAL DATA

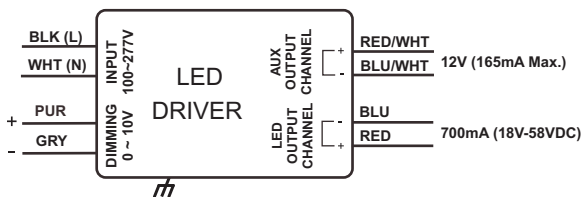
INPUT VOLTAGE	100~277VAC, 50/60Hz
INPUT CURRENT (MAX)	510mA @ 100VAC, 190mA @ 277VAC
POWER FACTOR (PF)	> 0.9
THD	<20%
EFFICIENCY	84% typical @ 120V/60Hz Full Load
DRIVE METHOD	Constant Current
OUTPUT CURRENT	700mA
OUTPUT VOLTAGE RANGE	18-58VDC
OUTPUT WATTAGE	42W Max.
AUX OUTPUT	12V (165mA Max.)
NUMBER OF OUTPUT CHANNELS	1
DIMMING CONTROLLER TYPE	0-10V Dimming
DIMMING RANGE	100%-10%
RFI/EMI	FCC PART 15B CONSUMER
SOUND RATING	A
INPUT SURGE PROTECTION	LINE-NEUTRAL 2KV, LINE & NEUTRAL-GROUND 4KV
CIRCUIT PROTECTIONS	CURRENT PROTECTION
	OUTPUT SHORT CIRCUIT PROTECTION
	OUTPUT OPEN CIRCUIT PROTECTION
	OUTPUT TO GROUND SHORT PROTECTION
	OVER LOAD PROTECTION
MAX. CASE HOT SPOT TEMPERATURE	90°C
AMBIENT TEMPERATURE RANGE	-25°C to +61.5°C
SERVICE LIFE	50,000 Hours
APPROVALS/CLASS	cURus Class 2, CE, RoHS, Dry or Damp Locations, IP64

### MECHANICAL DATA



### WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	304.8mm [12"]	RED	304.8mm [12"]
WHITE	304.8mm [12"]	BLUE	304.8mm [12"]
GREY	304.8mm [12"]	RED/WHITE	304.8mm [12"]
PURPLE	304.8mm [12"]	BLUE/WHITE	304.8mm [12"]



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