

## SPECIFICATION SHEET : T1M1UNV0700-40C

This Is An Original Product From Fulham Co., Inc

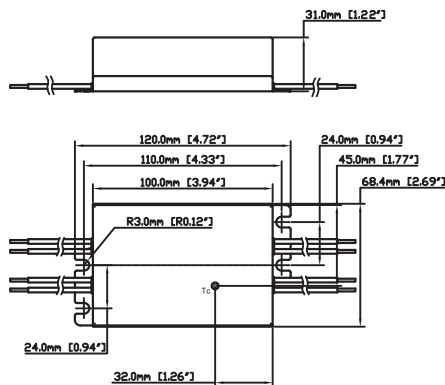
**Description:** Dimmable 0-10V, 700mA, 40W Constant Current LED Driver. Universal input range of 100-277V. One 700mA independent, constant current output channel. One 12V, 165mA auxiliary channel.

**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"] |

