

**Description:** Dimmable 0-10V, 700mA, 28W Constant Current LED Driver. Universal input range of 100-277V. One 700mA independent, constant current output channel. One 12V, 100mA auxiliary channel.

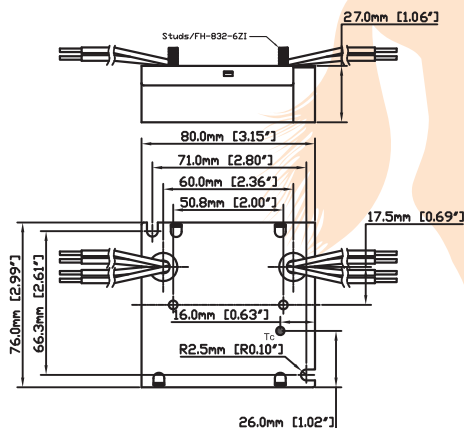
**This Driver Will Operate The Following LED Modules:**

Any LED module designed to accept constant current input of at least 700mA and has a forward voltage range of 12-40VDC.

## ELECTRICAL DATA

|                                |                                                |
|--------------------------------|------------------------------------------------|
| INPUT VOLTAGE                  | 100~277VAC, 50/60Hz                            |
| INPUT CURRENT (MAX)            | 360mA @ 100VAC, 135mA @ 277VAC                 |
| POWER FACTOR (PF)              | > 0.9                                          |
| THD                            | <20%                                           |
| EFFICIENCY                     | 82% typical @ 120V/60Hz Full Load              |
| DRIVE METHOD                   | Constant Current                               |
| OUTPUT CURRENT                 | 700mA                                          |
| OUTPUT VOLTAGE                 | 12-40VDC                                       |
| OUTPUT WATTAGE                 | 28W Max.                                       |
| AUX OUTPUT                     | 12V (100mA 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                                              |
| CIRCUIT PROTECTIONS            | SURGE PROTECTION                               |
|                                | CURRENT PROTECTION                             |
|                                | OUTPUT SHORT CIRCUIT PROTECTION                |
|                                | OUTPUT OPEN CIRCUIT PROTECTION                 |
|                                | OUTPUT TO GROUND SHORT PROTECTION              |
| MAX. CASE HOT SPOT TEMPERATURE | 90°C                                           |
|                                |                                                |
| AMBIENT TEMPERATURE RANGE      | -20°C to +62°C                                 |
| SERVICE LIFE                   | 50,000 Hours                                   |
| APPROVALS/CLASS                | cURus Class 2, CE, RoHS, Dry or Damp Locations |

## 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"] |

