

This Is An Original Product From Fulham Co., Inc

RoHS COMPLIANT

IP64

**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.

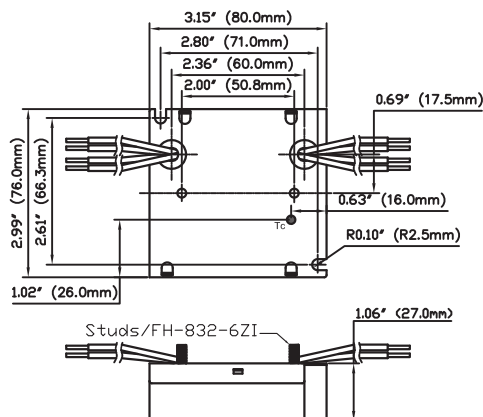
**This Driver Will Operate The Following LED Modules:**

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 RANGE           | 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              |
|                                | OVER LOAD 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 |

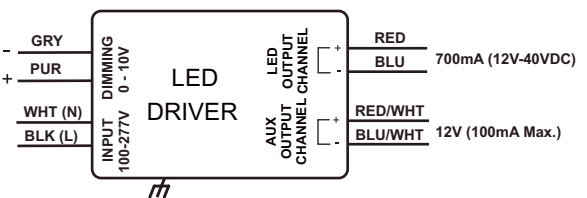
**MECHANICAL DATA (Bottom Lead And Stud)**



Where : L = Length, W = Width, H = Height, Tolerance=±0.02"

**WIRING DIAGRAMS**

| INPUT SIDE | LENGTH        | OUTPUT SIDE | LENGTH        |
|------------|---------------|-------------|---------------|
| BLACK      | 12" (304.8mm) | RED         | 12" (304.8mm) |
| WHITE      | 12" (304.8mm) | BLUE        | 12" (304.8mm) |
| GREY       | 12" (304.8mm) | RED/WHITE   | 12" (304.8mm) |
| PURPLE     | 12" (304.8mm) | BLUE/WHITE  | 12" (304.8mm) |



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 80°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.