



## T12400200-08F. SPECIFICATIONS

IP 20  
SELV Equivalent

- Constant Current LED Driver
- Output Wattage: 08W
- Input Voltage: 240 $\pm$ 10%Vac 50/60Hz
- Output Current: 200mA  $\pm$ 7%
- PC Enclosure
- Output voltage range of 21-42Vdc
- Suitable for Dry Locations
- SELV Equivalent
- Surge Immunity 3KV
- Class II

### General Specifications

|                                       |  |
|---------------------------------------|--|
| Rated Input Voltage                   | 240Vac $\pm$ 10%,50/60Hz   |
| Operating Input Voltage Range         | 100-300Vac,50/60Hz   |
| Input Current                         | 0.05 A Max   |
| Input Power                           | 11W Max  |
| Power Factor                          | >0.90  |
| THD                                   | <30%   |
| Efficiency                            | >82%   |
| Driver Type                           | Constant Current   |
| Output Current                        | 200mA $\pm$ 7%   |
| Output Voltage Range                  | 21-42Vdc   |
| No Load Output Voltage                | 55Vdc Max  |
| Output Power                          | 8.4W   |
| Number of Output Channels             | 1 Channel  |
| Dimming Controller Type/Dimming Range | NA   |
| Output Type                           | Suitable for Class II Fixture  |
| Ambient Operating Temperature Range   | -10°C to 50°C  |
| Max. Case Temperature                 | 65°C   |
| Sound Rating                          | NA   |
| Input Surge Protection                | Line-Neutral 3kV As per EN 61000-4-5                                       |
| Protections                           | Input Over Current : NON-Resettable  |
|                                       | Input Over Voltage : 320Vac Operation for 48Hrs, 360Vac Operation for 2Hrs |
|                                       | Input Under Voltage : NA   |
|                                       | Output Short Circuit : Auto Recovery (HICCUP Mode)                         |
|                                       | Output Open Circuit : Auto Recovery (HICCUP Mode)                          |
|                                       | Output to Ground short : YES   |
|                                       | Output Overload : YES  |
| Service Life                          | Over Temperature : NA  |
|                                       | 30,000 hours @ Tc Max  |
| Approvals / Class                     | Suitable for Dry Locations   |
| Warranty                              | 3 years  |
| Weight                                | 0.08 Kg  |

Note : All Performance Specified at Rated Voltage and Full Load.  
Recommended to be used only for Indoor Application.

Figure 1

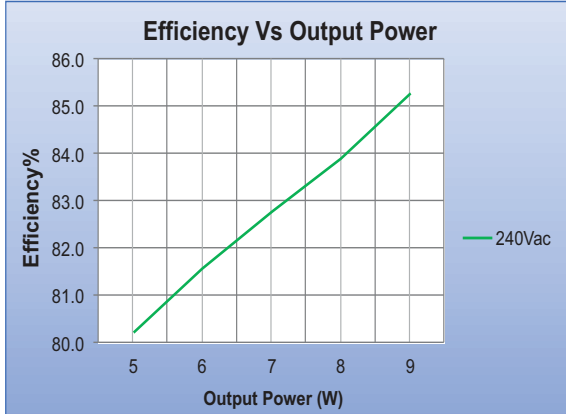


Figure 2

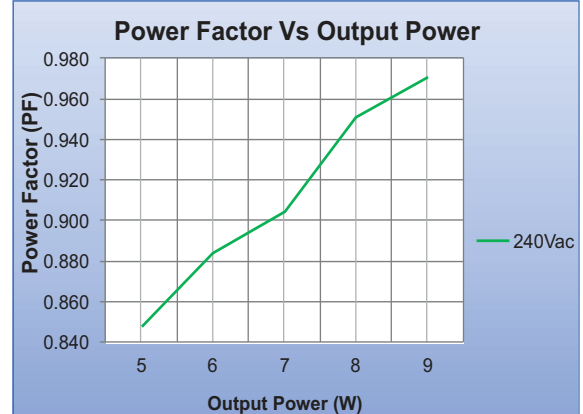


Figure 3

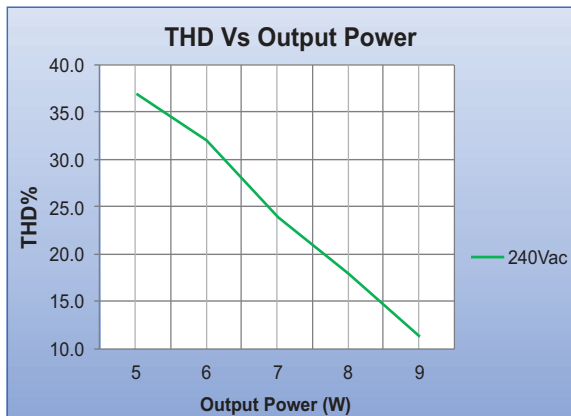


Figure 4

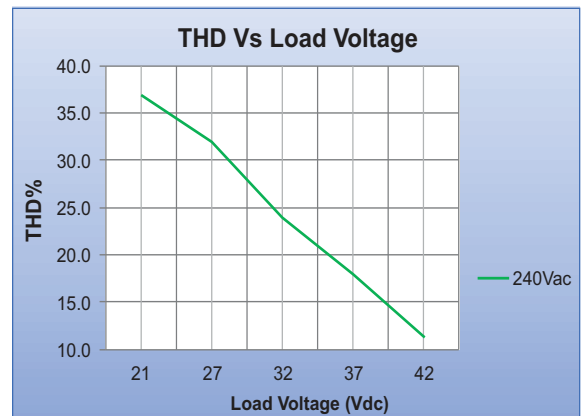
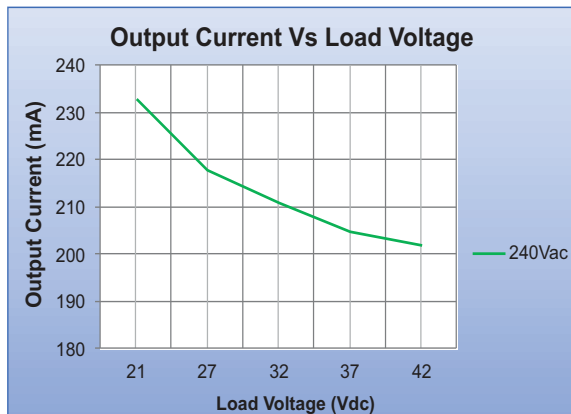
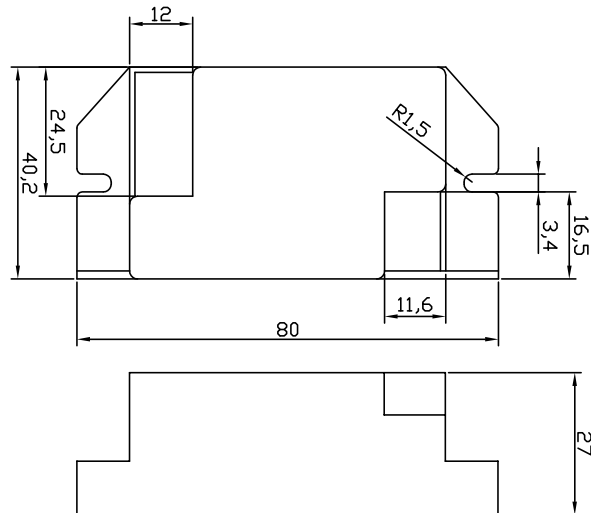


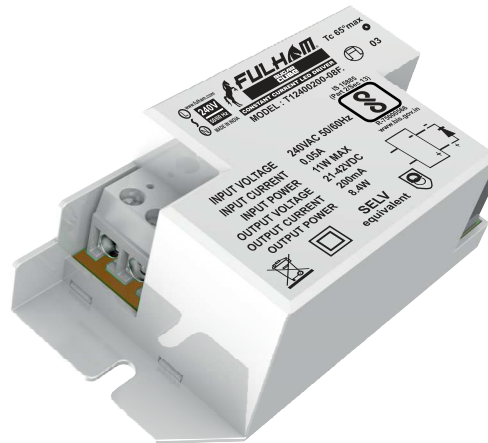
Figure 5



### Mechanical Data



### Product Image



Note : All Dimensions are in mm.

Tolerance=±0.5mm

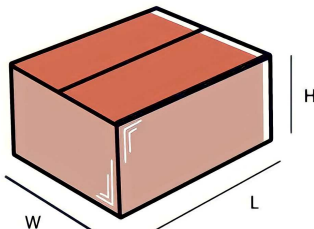
### Wiring Diagrams



|                       |       |         |
|-----------------------|-------|---------|
| INPUT 2 PIN CONNECTOR | WHITE | LINE    |
|                       | WHITE | NEUTRAL |

|                        |      |          |
|------------------------|------|----------|
| OUTPUT 2 PIN CONNECTOR | GREY | NEGATIVE |
|                        | GREY | POSITIVE |

### Packaging



### Master carton

| OUTER DIMENSION |              |          |
|-----------------|--------------|----------|
| L               | W            | H        |
| (230mm)         | (160mm)      | (140mm)  |
| Net Weight      | Gross Weight | QUANTITY |
| (5.5 kg)        | (6 kg)       | 60 pc.   |

### Installation Instructions:

Connect Wires as per details given on the Driver Screen. Keep proper ventilation around the LED Driver and do not stack any object on it. Also a 10-15 cm clearance must be kept when the adjacent device is a heat source. Do not exceed the declared Hot spot temperature(Tc max) under any circumstances.

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc Max** 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.