



- Constant Current LED Driver
- Output Wattage: 40W
- Input Voltage: 240 \pm 15%, 50Hz
- Output Current: 700mA \pm 8%
- Wired; PC Enclosure
- Output voltage range of 40-57VDC
- Dry, Damp and Wet Locations
- 440Vac Protection
- Under Voltage Protection
- Over Voltage Protection

General Specifications

| | |
|---------------------------------------|---|
| Rated Input Voltage | 240VAC \pm 15%, 50Hz |
| Operating Input Voltage Range | 110VAC~320VAC, 50Hz |
| Input Current | 0.4 A Max. |
| Input Power | 49W Max. |
| Power Factor | >0.95 |
| THD | <10% across load range specified |
| Efficiency | >86% across load range specified |
| Driver Type | Constant Current |
| Output Current | 700mA \pm 8% |
| Output Voltage Range | 40-57VDC |
| Output Power | 40W |
| No Load Output Voltage | >65V |
| Number of Output Channels | 1 Channel |
| Dimming Controller Type/Dimming Range | NA |
| RFI/EMI | NA |
| Output Type | Class II (IEC 61140) |
| Ambient Operating Temperature Range | -10°C to 50°C |
| Max. Case Temperature | 80°C |
| Sound Rating | NA |
| Input Surge Protection | Line-Neutral 4kV DM |
| Protections | Input Over Current : NON-Resettable |
| | Input Over Voltage : CUTOFF @ Vin>325Vac; AUTORECOVERY @ Vin = 300-315Vac : Immunity - 320Vac for 48 hours & 440Vac for 8 hours |
| | Input Under Voltage : CUTOFF @ Vin <100Vac; AUTORECOVERY @ Vin = 100-110Vac |
| | Output Short Circuit : Auto recovery |
| | Output Open Circuit : Auto recovery |
| | Output to ground short : YES |
| | Output Overload : YES |
| | Over Temperature : NA |
| | |
| Service Life | 50,000 hours @ Tc Max |
| Approvals / Class | Dry, Damp and Wet Locations |
| Warranty | 3 years |
| Weight | 0.320Kg |

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 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). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.

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Figure 1

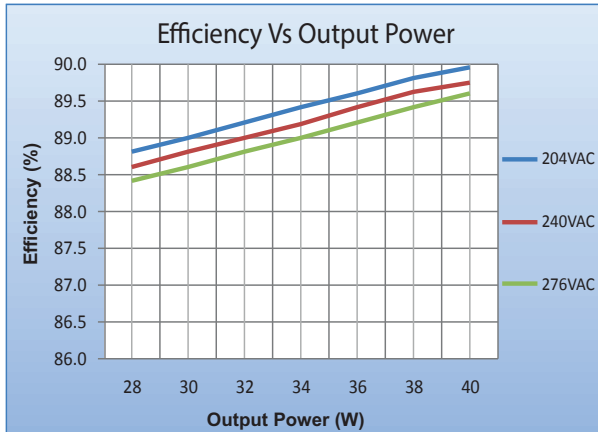


Figure 2

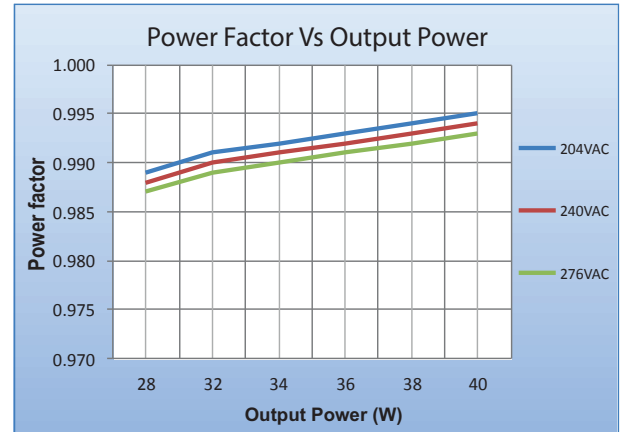


Figure 3

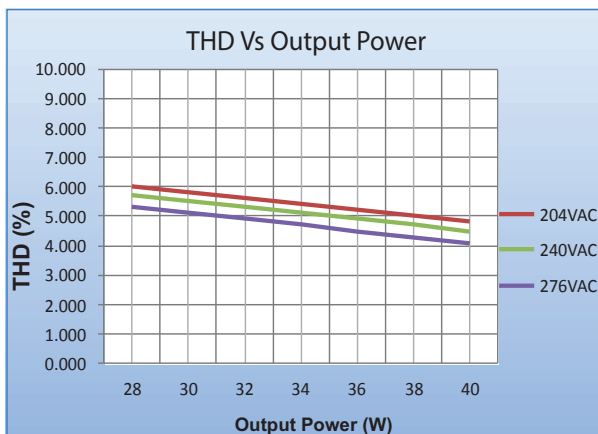


Figure 4

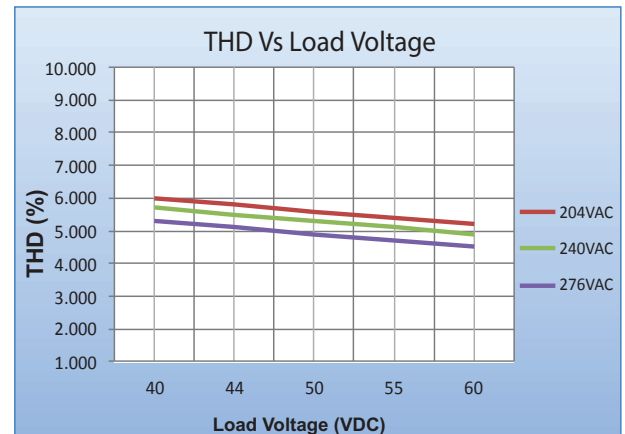


Figure 5

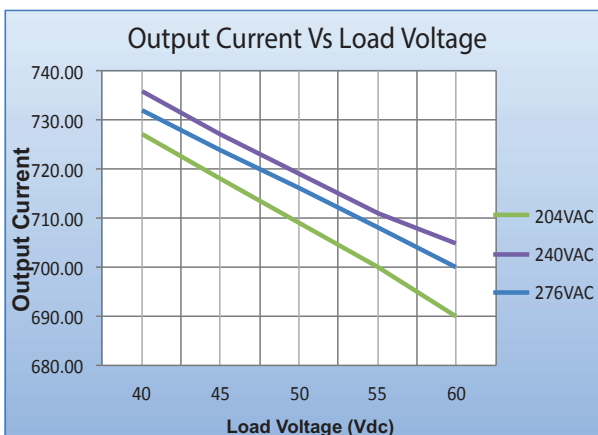
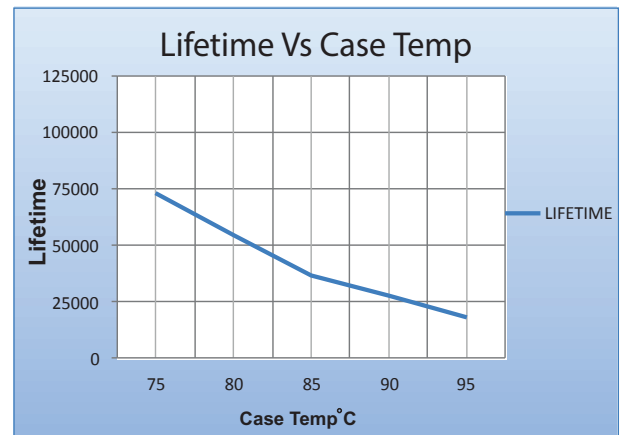
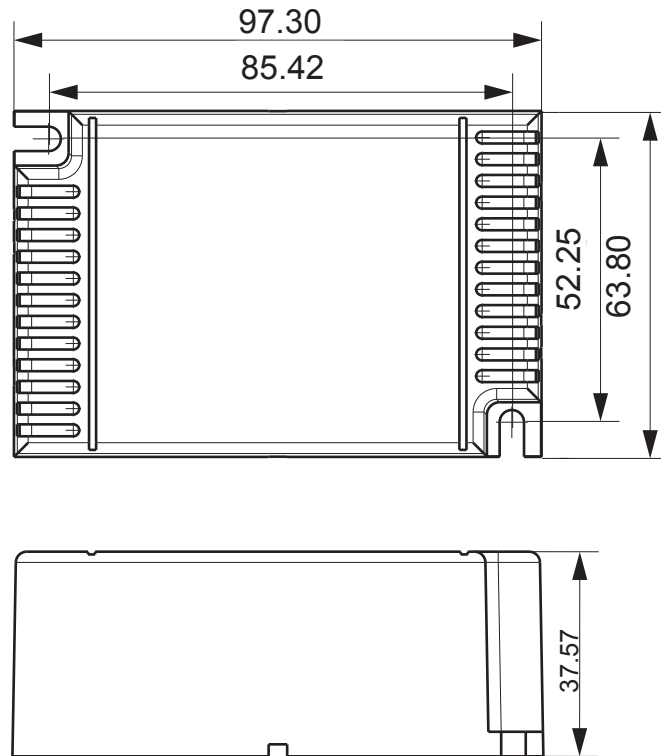


Figure 6



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 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). 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.

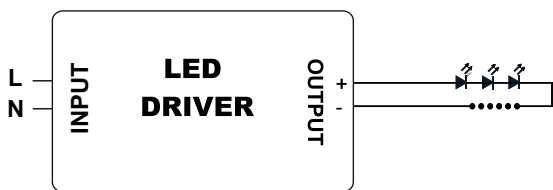
Mechanical Data



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams



| INPUT SIDE | LENGTH |
|------------|--------|
| BLACK | 250 mm |
| WHITE | 250 mm |

| OUTPUT SIDE | LENGTH |
|----------------------------------|--------|
| RED | 250 mm |
| BLUE | 250 mm |
| Output wire with Terminal: N. A. | |

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.