

Description: 31W Constant Current LED Driver, Single Channel, 30-42V, 0.75A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 750mA and a voltage of 30-42VDC.

ELECTRICAL DATA

| | |
|---|---------------------------------|
| RATED INPUT VOLTAGE | 240 VAC, 50Hz |
| OPERATING INPUT VOLTAGE RANGE | 120 VAC~277 VAC, 50Hz |
| OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE | 160 VAC~277VAC, 50Hz |
| INPUT CURRENT | 0.16A MAX |
| POWER FACTOR | 0.98 |
| ATHD | 10% |
| EFFICIENCY | >86% |
| INPUT POWER | 36W MAX |
| OUTPUT TYPE | CONSTANT CURRENT |
| OUTPUT CURRENT | 750mA |
| OUTPUT VOLTAGE | 30~42 VDC |
| OUTPUT POWER | 31.5W |
| NUMBER OF OUTPUT CHANNELS | 1 |
| EMI | N.A |
| DIMMING CONTROLLER TYPE | N.A |
| DIMMING RANGE | N.A |
| MAX.CASE HOT SPOT TEMPERATURE (Tc MAX) | 75°C |
| OPERATING TEMPERATURE | -10°C TO 50°C |
| APPROVALS CLASS (CONFORMING TO) | CLASS II, SELV Equivalent, IP67 |
| HOT PLUG - IN | YES |
| CASE MATERIAL | PLASTIC (PC) |
| WEIGHT | 0.38 KG |

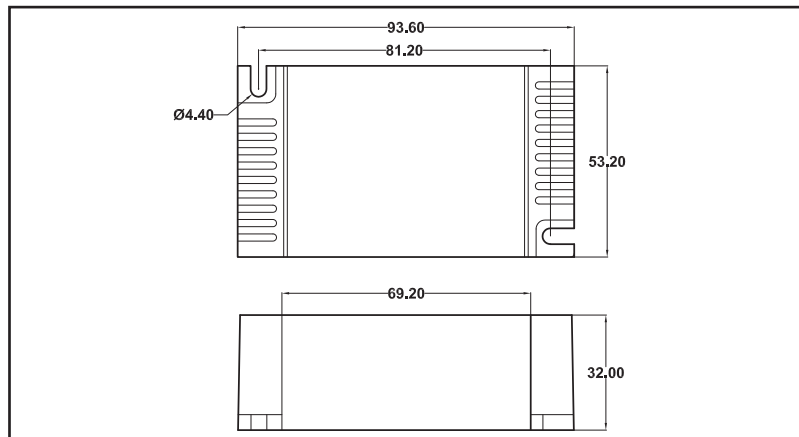
CIRCUIT PROTECTION

| | |
|-----------------------------------|---|
| SURGE PROTECTION | LINE-NEUTRAL 4kV DM |
| INPUT OVER CURRENT PROTECTION | NON-RESETTABLE |
| INPUT OVER VOLTAGE | APPLICATION @ 320 VAC 48 HRS. & SHUTDOWN @ 325±10VAC, AUTORECOVERY @ 310±10VAC, SUSTAINS 440VAC FOR 8 HOURS |
| INPUT UNDER VOLTAGE | N.A |
| OUTPUT SHORT CIRCUIT PROTECTION | AUTORECOVERY (HICCUP MODE) |
| OUTPUT OPEN CIRCUIT PROTECTION | AUTORECOVERY (HICCUP MODE) |
| OUTPUT TO GROUND SHORT PROTECTION | YES |
| OUTPUT OVERLOAD PROTECTION | YES |
| OVER TEMPERATURE PROTECTION | N.A |

Note: All performance specified at Rated voltage and full load. Output current tolerance: ±5%

The usage of appropriate SURGE PROTECTIVE DEVICE (SPD) is MANDATORY for Outdoor drivers.

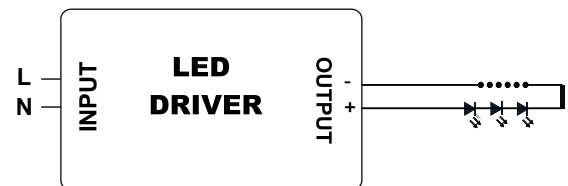
MECHANICAL DATA



WIRING DIAGRAMS

| INPUT SIDE | LENGTH | OUTPUT SIDE | LENGTH |
|------------|--------|-------------|--------|
| BLACK | 250 mm | BLUE | 250 mm |
| WHITE | 250 mm | RED | 250 mm |

Output wire with Terminal: N. A.



Installation Instructions: 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 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)
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