

**Description:** 42W Constant Current LED Driver, Single Channel, 24-42V, 1.0 A ( Non Dimmable )

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

Any LED module designed to accept 1000mA and a voltage of 24-42VDC.

**ELECTRICAL DATA**

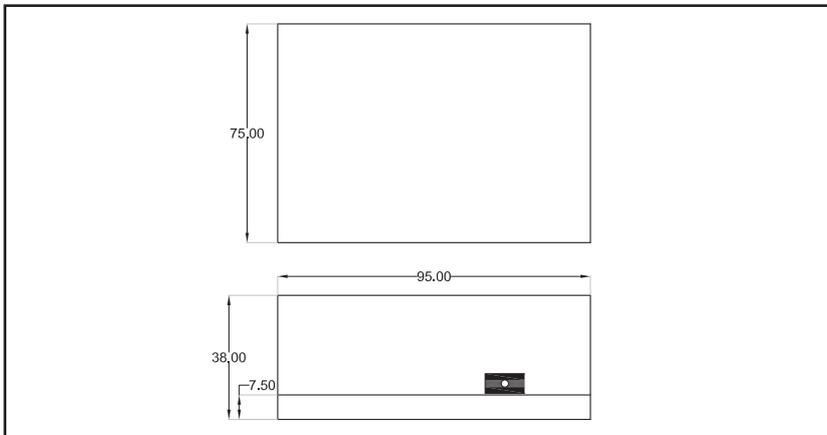
RATED INPUT VOLTAGE	240 Vac, 50Hz
OPERATING INPUT VOLTAGE RANGE	100Vac~277Vac, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	216Vac~254Vac, 50Hz
INPUT CURRENT (MAX)	0.220A
POWER FACTOR	0.95
Athd	10%
EFFICIENCY	>86%
OUTPUT TYPE	Constant Current
OUTPUT CURRENT	1000mA
OUTPUT VOLTAGE	24~42 Vdc
OUTPUT WATTAGE	42W
NUMBER OF OUTPUT CHANNELS	1
EMI	No
DIMMING CONTROLLER TYPE	Not applicable
DIMMING RANGE	Not applicable
MAX. CASE HOT SPOT TEMPERATURE (Tc MAX.)	75°C
OPERATING TEMPERATURE	-25°C to 50°C
APPROVALS CLASS (CONFORMING TO)	SELV equivalent, IP62
HOT PLUG - IN	YES
CASE MATERIAL	METAL (CRCA POWDER COATED)

**CIRCUIT PROTECTION**

SURGE PROTECTION	: Line-Neutral 4kV, Line & Neutral-Earth 4kV
INPUT OVER CURRENT PROTECTION	: NON-RESETTABLE
INPUT OVER VOLTAGE	: APPLICATION AT @ 320Vac 48Hrs & @ 360Vac 2Hrs
INPUT UNDER VOLTAGE	: NA
OUTPUT SHORT CIRCUIT PROTECTION	: AUTORECOVERY (HICCUP MODE)
OUTPUT OPEN CIRCUIT PROTECTION	: AUTORECOVERY (HICCUP MODE)
OUTPUT TO GROUND SHORT PROTECTION	: AUTORECOVERY (HICCUP MODE)
OUTPUT OVERLOAD PROTECTION	: AUTORECOVERY (HICCUP MODE)
OVER TEMPERATURE PROTECTION	: Above Tc

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

**MECHANICAL DATA**



**WIRING DIAGRAMS**

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	300MM.	RED	300MM.
WHITE		BLUE	
GREEN			



**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](http://www.fulham.com))  
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