

Description: 36W Constant Current LED Driver, Single Channel, 36-42V, 0.85A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 850mA and a voltage of 36-42VDC.

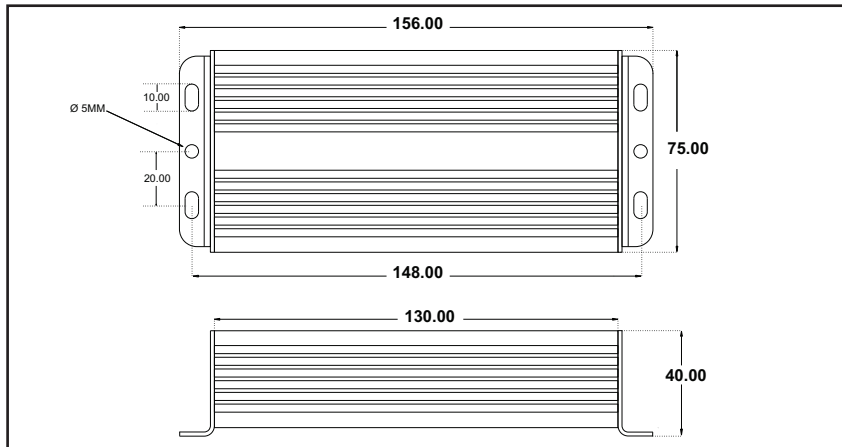
ELECTRICAL DATA

RATED INPUT VOLTAGE	240 Vac 50Hz
OPERATING INPUT VOLTAGE RANGE	90Vac~300Vac, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	216Vac~254Vac, 50Hz
INPUT CURRENT (MAX)	0.19A
POWER FACTOR	0.98
Athd	20%
EFFICIENCY	>85 %
CONSTANT CURRENT, VOLTAGE OR POWER	Constant Current
OUTPUT CURRENT	850mA
OUTPUT VOLTAGE	36~42 Vdc
OUTPUT WATTAGE	36W
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	-15°C to 50°C
APPROVALS CLASS (CONFORMING TO)	SELV Equivalent; EN61347-1; EN61347-2-13; EN61000-3-2 ; EN61000-3-3; EN6100045;EN61547; IEC 60529 (IP67)
HOT PLUG-IN	YES
CASE MATERIAL	Aluminium extrusion with S.S side brackets

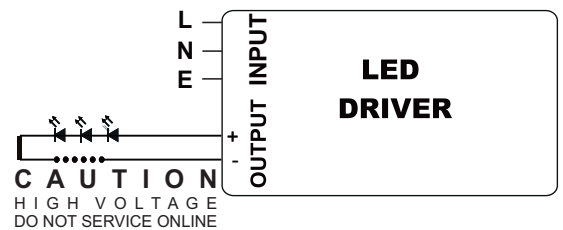
CIRCUIT PROTECTION

SURGE PROTECTION	: Line-Neutral 4kV, Line & Neutral-Earth 4kV
INPUT OVER CURRENT PROTECTION	: NON-RESETTABLE
INPUT OVER VOLTAGE	: APPLICATION @ 320VAC 48Hrs. & @ 360VAC 2Hrs.
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%

MECHANICAL DATA

WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	3-CORE CABLE 300 mm	RED	2-CORE CABLE 300 mm
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 5 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) 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.