

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

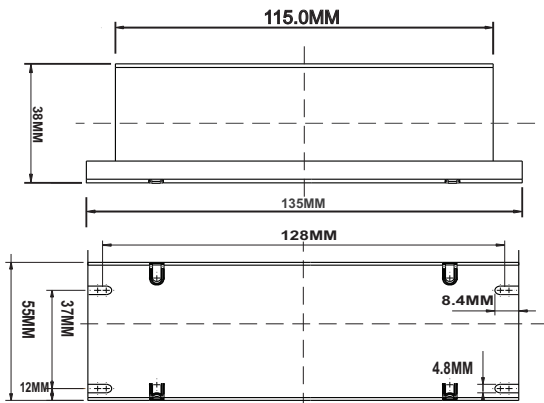
RATED INPUT VOLTAGE	240 Vac, 50Hz
OPERATING INPUT VOLTAGE RANGE	90Vac~300Vac, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	216Vac~254Vac, 50Hz
INPUT CURRENT (MAX)	0.19A
POWER FACTOR	0.98
Athd	20%
EFFICIENCY	>85 %
CONSTANT CURRENT, VOLTAGE OR POWER	Constant Current
OUTPUT CURRENT	850mA
OUTPUT VOLTAGE	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/EN610004-5/EN61547, IP62
HOT PLUG-IN	YES
CASE MATERIAL	Metal (CRCA Powder Coated)

CIRCUIT PROTECTION

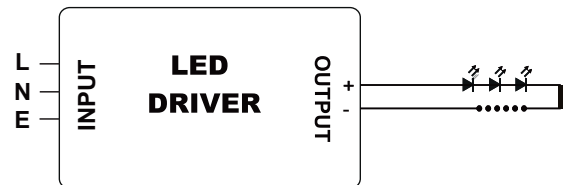
SURGE PROTECTION	: Line-Neutral 4kV, Line & Neutral-Earth 4kV
INPUT OVER CURRENT PROTECTION	: NON-RESETTABLE
INPUT OVER VOLTAGE	: APPLICATION @ 320VAC 48Hrs. & @ 360VAC 2Hrs.
INPUT UNDER VOLTAGE	: N.A.
OUTPUT SHORT CIRCUIT PROTECTION	: AUTORECOVERY (HICCUP MODE)
OUTPUT OPEN CIRCUIT PROTECTION	: AUTORECOVERY (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%

 The usage of **SURGE PROTECTIVE DEVICE (SPD)** is mandatory for outdoor drivers

MECHANICAL DATA

WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	300 mm	RED	300 mm
WHITE	300 mm	BLUE	300 mm
GREEN	300 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 4 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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