

Description: 31W Constant Current LED Driver, Single Channel, 21-37V, 0.85A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 850mA and a voltage of 21-37VDC.

ELECTRICAL DATA

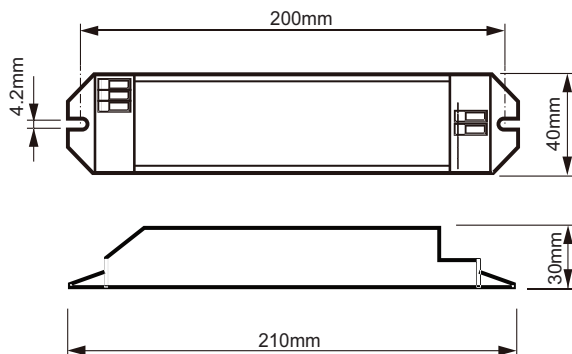
RATED INPUT VOLTAGE	240 Vac
OPERATING INPUT VOLTAGE RANGE	90Vac~277Vac, 50/60Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	216Vac~254Vac, 50/60Hz
INPUT CURRENT (MAX)	0.15A
POWER FACTOR	0.97
Athd	20%
EFFICIENCY	>85 %
CONSTANT CURRENT, VOLTAGE OR POWER	Constant Current
OUTPUT CURRENT	850mA
OUTPUT VOLTAGE	21~37 Vdc
OUTPUT WATTAGE	31W
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)	SELV Equivalent, IP20
CASE MATERIAL	PLASTIC (PC)

CIRCUIT PROTECTION

SURGE PROTECTION	: Line-Neutral 3kV.
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.

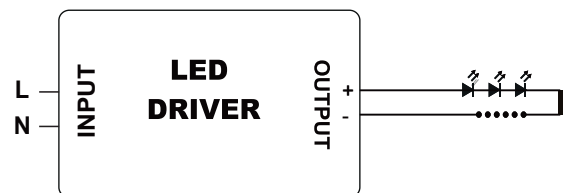
Note: All performance specified at Rated voltage and full load. Output current tolerance: ±5%

MECHANICAL DATA



WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	N.A.	RED	N.A.
WHITE	N.A.	BLUE	N.A.
GREEN	N.A.	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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