

Description: 16W Constant Current LED Driver, Single Channel, 30-38V, 0.43A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

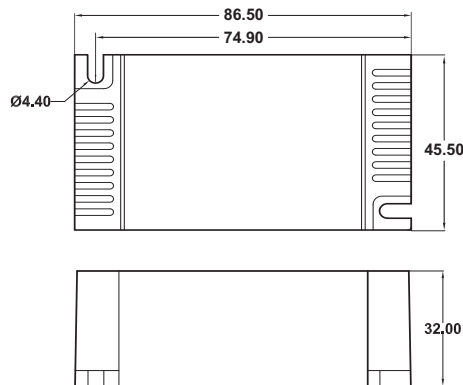
Any LED module designed to accept 430mA and a voltage of 30-38VDC.

ELECTRICAL DATA

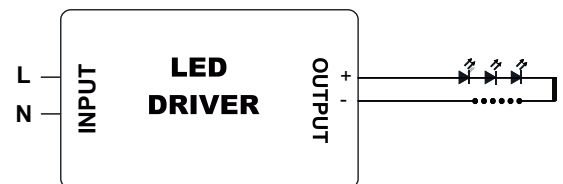
RATED INPUT VOLTAGE	240 VAC, 50Hz
OPERATING INPUT VOLTAGE RANGE	110 VAC~320VAC, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	240VAC \pm 15%, 50Hz
INPUT CURRENT	0.13A MAX
POWER FACTOR	0.96
ATHD	10%
EFFICIENCY	>85%
INPUT POWER (MAX)	20W
OUTPUT TYPE	CONSTANT CURRENT
OUTPUT CURRENT	430mA \pm 5%
OUTPUT VOLTAGE	30~38 VDC
OUTPUT POWER RANGE	12.26W - 17.16W
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	-25°C TO 50°C
APPROVALS CLASS (CONFORMING TO)	SELV equivalent, CLASS II (IEC61140)
HOT PLUG - IN	YES
CASE MATERIAL	PLASTIC (PC)
WEIGHT	0.18KG

CIRCUIT PROTECTION

SURGE PROTECTION	LINE-NEUTRAL 4kV DM
INPUT OVER CURRENT PROTECTION	NON-RESETTABLE
INPUT OVER VOLTAGE PROTECTION	CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin=300-315 VAC.
INPUT OVER VOLTAGE APPLICATION	320 VAC FOR 48HRS & 440 VAC FOR 8 HRS.
INPUT UNDER VOLTAGE	CUTOFF @ Vin<95VAC; AUTORECOVERY @ Vin=100-110 VAC
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
The usage of appropriate SURGE PROTECTIVE DEVICE (SPD) is MANDATORY for Outdoor drivers.	

MECHANICAL DATA

WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	200 mm \pm 10mm	RED	200 mm \pm 10mm
WHITE	200 mm \pm 10mm	BLUE	200 mm \pm 10mm


Installation Instructions: 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 7 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.