

Description: 30W Constant Current LED Driver, Single Channel, 30-38V, 0.80A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 800mA and a voltage of 30-38VDC.

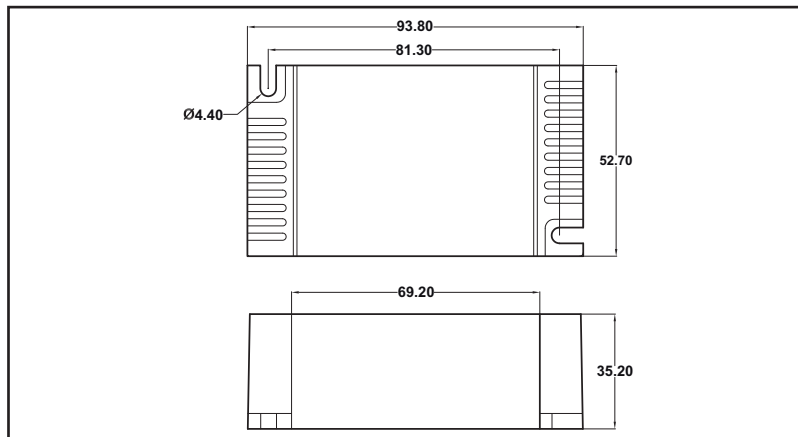
ELECTRICAL DATA

RATED INPUT VOLTAGE	240 VAC, 50Hz
OPERATING INPUT VOLTAGE RANGE	110 VAC~320 VAC, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	240VAC \pm 15%, 50Hz
INPUT CURRENT	0.24A MAX
POWER FACTOR	0.96
ATHD	10%
EFFICIENCY	>86%
INPUT POWER (MAX)	37.12W
OUTPUT TYPE	CONSTANT CURRENT
OUTPUT CURRENT	800mA \pm 8%
OUTPUT VOLTAGE	30~38 VDC
OUTPUT POWER RANGE	22.8W - 32W
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, CLASS II (IEC 61140)
HOT PLUG - IN	YES
CASE MATERIAL	PLASTIC (PC)
WEIGHT	0.26 KG

CIRCUIT PROTECTION

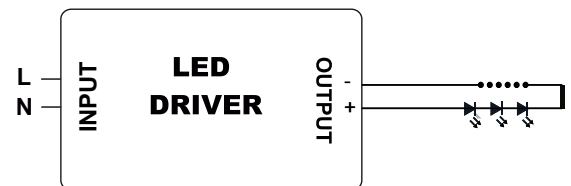
SURGE PROTECTION	LINE-NEUTRAL 4kV DM
INPUT OVER CURRENT PROTECTION	NON-RESETTABLE
INPUT OVER VOLTAGE PROTECTION	CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin=300-315VAC
INPUT OVER VOLTAGE APPLICATION	320VAC FOR 48 HRS & 440VAC FOR 8 HRS
INPUT UNDER VOLTAGE	CUTOFF @ Vin<95VAC; AUTORECOVERY @ Vin=100-110VAC
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	80 mm \pm 10mm	GREY	200 mm \pm 10mm
WHITE	80 mm \pm 10mm	WHITE	200 mm \pm 10mm

Output wire with Male-Female Connector


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 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)
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.