

Description: 40W Constant Current LED Driver, Single Channel, 40-57V, 0.7A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 700mA and a voltage of 40-57VDC.

ELECTRICAL DATA

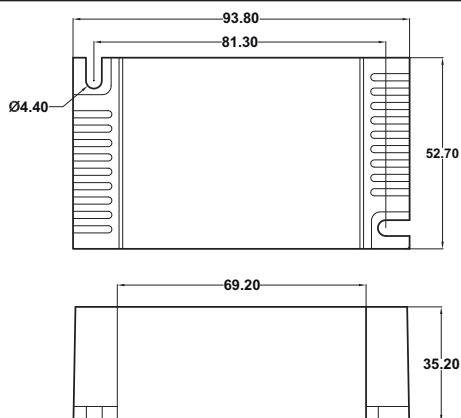
RATED INPUT VOLTAGE	240 VAC, 50Hz
OPERATING INPUT VOLTAGE RANGE	110 VAC ~ 300 VAC, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	240VAC \pm 10%, 50Hz
INPUT CURRENT	0.4A MAX
POWER FACTOR	0.98
ATHD	<10%
EFFICIENCY	>86%
INPUT POWER (MAX)	49 W MAX
OUTPUT TYPE	CONSTANT CURRENT
OUTPUT CURRENT	700mA \pm 8%
OUTPUT VOLTAGE	40~57 VDC
OUTPUT POWER RANGE	26.6W - 41W
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)	CLASS II(IEC 61140), IP 67
HOT PLUG - IN	YES
CASE MATERIAL	PLASTIC (PC)
WEIGHT	0.23Kg

CIRCUIT PROTECTION

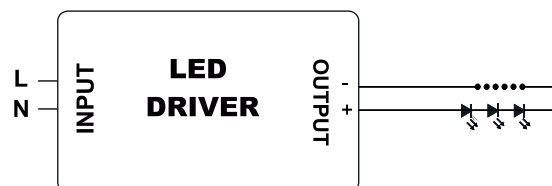
SURGE PROTECTION	LINE-NEUTRAL 4kV DM
INPUT OVER CURRENT PROTECTION	NON-RESETTABLE
INPUT OVER VOLTAGE PROTECTION	CUTOFF @ Vin >325VAC; AUTORECOVERY @ Vin=300-315VAC
INPUT OVER VOLTAGEAPPLICATION	320VAC FOR 48 HRS & 440VAC FOR 8 HRS
INPUT UNDER VOLTAGE	CUTOFF @ <95VAC; AUTORECOVERY @ 100-110VAC
OUTPUT 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

 Note: All performance specified at Rated voltage and full load. Output current tolerance: \pm 8%

The usage of appropriate SURGE PROTECTIVE DEVICE (SPD) is MANDATORY for Outdoor drivers.

MECHANICAL DATA

WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	250 mm \pm 10mm	BLUE	250 mm \pm 10mm
WHITE	250 mm \pm 10mm	RED	250 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 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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