

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

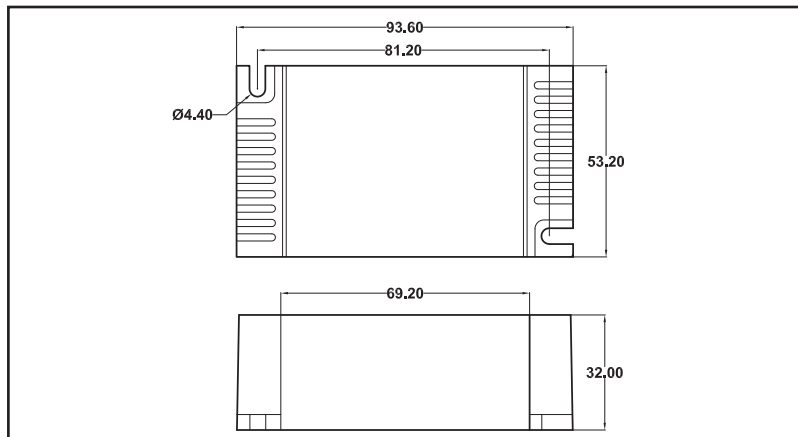
RATED INPUT VOLTAGE	240 VAC, 50Hz
OPERATING INPUT VOLTAGE RANGE	110 VAC ~ 300 VAC, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	240VAC ± 10%, 50Hz
INPUT CURRENT	0.4AMAX
POWER FACTOR	0.98
ATHD	<10%
EFFICIENCY	>86%
INPUT POWER (MAX)	48.5W MAX
OUTPUT TYPE	CONSTANT CURRENT
OUTPUT CURRENT	700mA ± 5%
OUTPUT 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)	IP 67, CLASS II(IEC 61140)
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

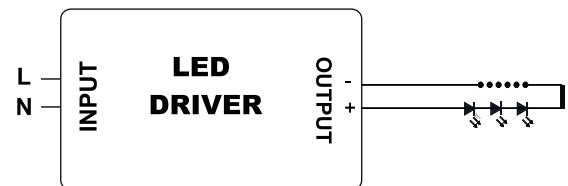
Note: All performance specified at Rated voltage and full load. Output current tolerance: ±5%

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±10mm	BLUE	250 mm±10mm
WHITE	250 mm±10mm	RED	250 mm±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)
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