

Description: 42W Constant Current LED Driver, Single Channel, 24-42V, 1A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 1000mA and a voltage of 24-42VDC.

ELECTRICAL DATA

RATED INPUT VOLTAGE	240 VAC, 50Hz
OPERATING INPUT VOLTAGE RANGE	70 VAC~277VAC, 50Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	180 VAC~277VAC, 50Hz
INPUT CURRENT	0.22A MAX
POWER FACTOR	0.98
ATHD	10%
EFFICIENCY	>86%
INPUT POWER	49W MAX
OUTPUT TYPE	CONSTANT CURRENT
OUTPUT CURRENT	1000mA
OUTPUT VOLTAGE	21~42 VDC
OUTPUT POWER	42W
NUMBER OF OUTPUT CHANNELS	1
EMI	N.A
DIMMING CONTROLLER TYPE	N.A
DIMMING RANGE	N.A
MAX.CASE HOT SPOT TEMPERATURE (Tc MAX)	65°C
OPERATING TEMPERATURE	-25°C TO 50°C
APPROVALS CLASS (CONFORMING TO)	CLASS II, IP20
HOT PLUG - IN	YES
CASE MATERIAL	METAL (CRCA POWDER COATED)
WEIGHT	0.25 KG

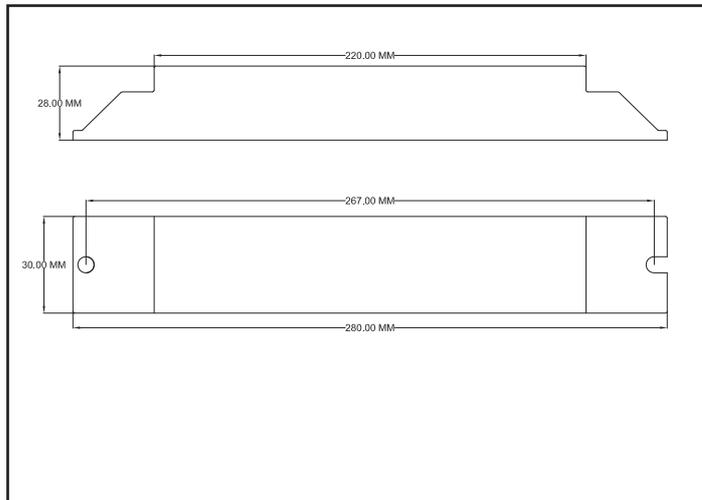
CIRCUIT PROTECTION

SURGE PROTECTION	LINE-NEUTRAL 4kV, LINE NEUTRAL-EARTH 4kV
INPUT OVER CURRENT PROTECTION	NON-RESETTABLE
INPUT OVER VOLTAGE	48 HRS. @ 320VAC, 2 HRS. @ 360VAC
INPUT UNDER VOLTAGE	48 HRS. @ 320VAC, 2 HRS. @ 360VAC
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%

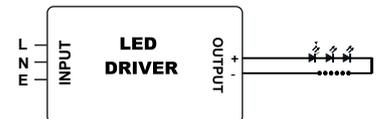
The usage of appropriate SURGE PROTECTIVE DEVICE (SPD) is MANDATORY for Outdoor drivers.

MECHANICAL DATA



WIRING DIAGRAMS

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