

Description: 42W Constant Current LED Driver, Single Channel, 40-60V, 700 mA (Non Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 700mA and a voltage of 40-60VDC.

ELECTRICAL DATA

RATED INPUT VOLTAGE	240 Vac, 50/60Hz
OPERATING INPUT VOLTAGE RANGE	90Vac~277Vac, 50/60Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	160Vac~264Vac, 50/60Hz
INPUT CURRENT (MAX)	0.205A
POWER FACTOR	0.98
Athd	10%
EFFICIENCY	>86%
OUTPUT TYPE	Constant Current
OUTPUT CURRENT	700mA
OUTPUT VOLTAGE	40~60 Vdc
OUTPUT WATTAGE	42W
NUMBER OF OUTPUT CHANNELS	1
EMI	No
DIMMING CONTROLLER TYPE	Not applicable
DIMMING RANGE	Not applicable
MAX. CASE HOT SPOT TEMPERATURE (Tc MAX.)	80°C
OPERATING TEMPERATURE	-25°C to 50°C
APPROVALS CLASS (CONFORMING TO)	CLASS II, IP-62
HOT PLUG - IN	YES
CASE MATERIAL	METAL (CRCA POWDER COATED)

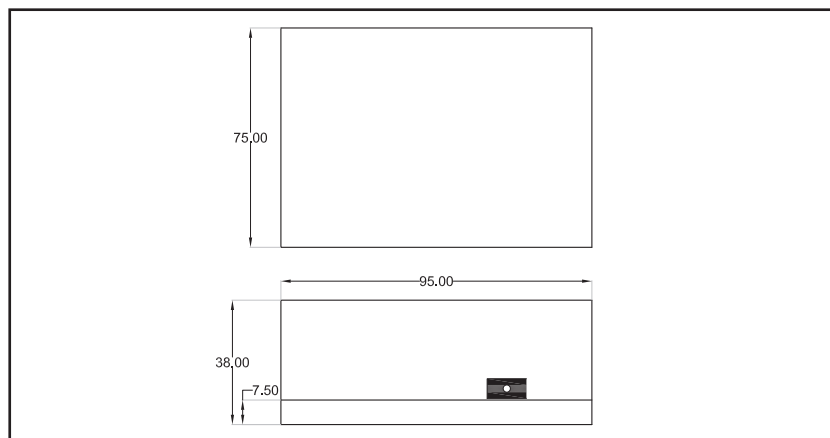
CIRCUIT PROTECTION

SURGE PROTECTION	: Line-Neutral 4kV, Line & Neutral-Earth 4kV
INPUT OVER CURRENT PROTECTION	: NON-RESETTABLE
INPUT OVER VOLTAGE	: APPLICATION AT @ 320Vac 48Hrs & @ 360Vac 2Hrs
INPUT UNDER VOLTAGE	: NA
OUTPUT SHORT CIRCUIT PROTECTION	: AUTORECOVERY (HICCUP MODE)
OUTPUT OPEN CIRCUIT PROTECTION	: AUTORECOVERY (HICCUP MODE)
OUTPUT TO GROUND SHORT PROTECTION	: AUTORECOVERY (HICCUP MODE)
OUTPUT OVERLOAD PROTECTION	: AUTORECOVERY (HICCUP MODE)
OVER TEMPERATURE PROTECTION	: Above Tc

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

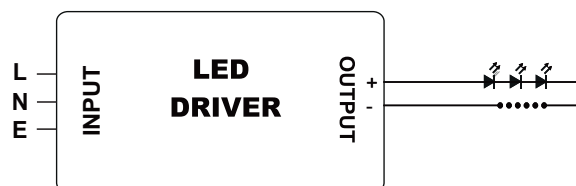
The usage of appropriate SURGE PROTECTIVE DEVICE (SPD) is MANDATORY for Outdoor drivers.

MECHANICAL DATA



WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	300MM.	RED	300MM.
WHITE		BLUE	
GREEN			



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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