

**Description:** 80W Constant Current LED Driver, Single Channel, 36V-57V, 1.40A ( Dimmable )

**This Driver Will Operate The Following LED Modules:**

Any LED module designed to accept 1400mA and a voltage of 36-57VDC.

## ELECTRICAL DATA

RATED INPUT VOLTAGE	120 VAC~277 VAC, 50/60Hz
OPERATING INPUT VOLTAGE RANGE	100 VAC~300 VAC, 50/60Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	120 VAC~277 VAC, 50/60Hz
INPUT CURRENT	1 A MAX @ 100VAC, 0.36A MAX @ 277VAC
POWER FACTOR	0.98
ATHD	10%
EFFICIENCY	>86%
INPUT POWER	98W MAX
OUTPUT TYPE	CONSTANT CURRENT
OUTPUT CURRENT	1400mA
OUTPUT VOLTAGE	36~57 VDC
OUTPUT POWER	80W
NUMBER OF OUTPUT CHANNELS	1
EMI	NA
DIMMING CONTROLLER TYPE	ANALOG 1-10 VDC
DIMMING RANGE	10% - 100%
MAX.CASE HOT SPOT TEMPERATURE (Tc MAX)	75°C
OPERATING TEMPERATURE	-25°C TO 50°C
INGRESS PROTECTION CLASS	IP67
APPROVALS CLASS (CONFORMING TO)	CLASS I
HOT PLUG - IN	YES
CASE MATERIAL	ALUMINIUM EXTRUSION WITH S.S SIDE BRACKETS
WEIGHT	1.10KG

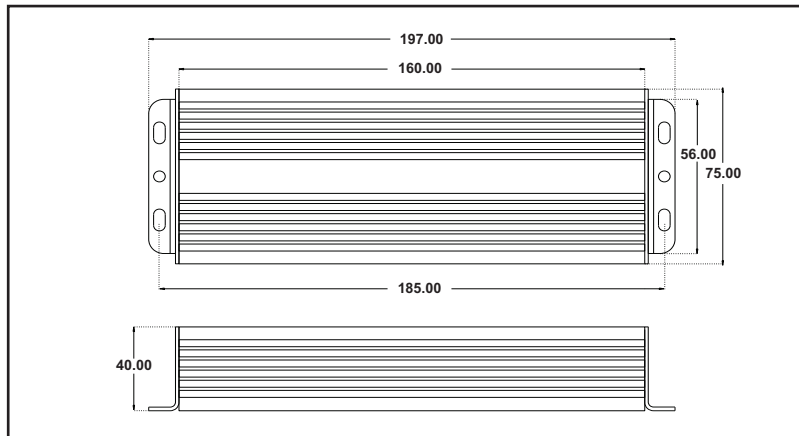
## CIRCUIT PROTECTION

SURGE PROTECTION	YES (5KV/5KV)
INPUT OVER CURRENT PROTECTION	NON-RESETTABLE
INPUT OVER VOLTAGE	SHUTDOWN @ 325±10VAC, AUTORECOVERY @ 300±10VAC,
INPUT UNDER VOLTAGE	SHUTDOWN @ 95±5VAC, AUTORECOVERY @ 100±5VAC
OUTPUT SHORT CIRCUIT PROTECTION	AUTORECOVERY
OUTPUT OPEN CIRCUIT PROTECTION	AUTORECOVERY (MAX VOLTAGE)
OUTPUT TO GROUND SHORT PROTECTION	AUTORECOVERY
OUTPUT OVERLOAD PROTECTION	LIMITED BY MAX VOLTAGE OUTPUT
OVER TEMPERATURE PROTECTION	OUTPUT CURRENT FOLDBACK ABOVE Tc MAX

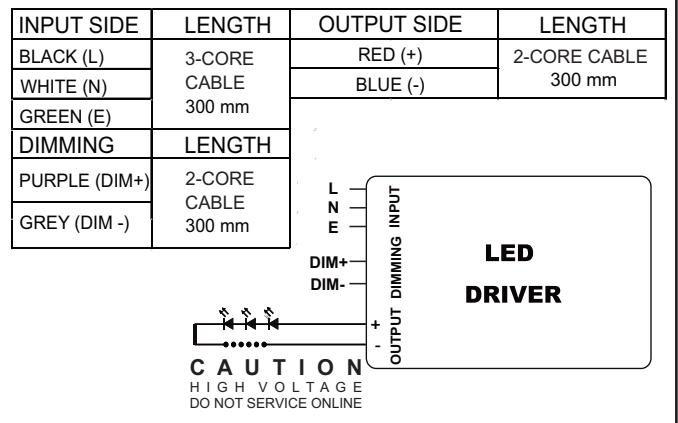
Note: All performance specified at Rated voltage and full load. Output current tolerance: ±5%

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

## MECHANICAL DATA



## WIRING DIAGRAMS



**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](http://www.fulham.com))

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