

**Description:** 120W Constant Current LED Driver, Single Channel, 100-172V, 0.7A ( Non Dimmable )

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

Any LED module designed to accept 700mA and a voltage of 100-172VDC.

## ELECTRICAL DATA

RATED INPUT VOLTAGE	120 VAC~277 VAC, 50/60Hz
OPERATING INPUT VOLTAGE RANGE	120 VAC~277 VAC, 50/60Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	120 VAC~277VAC, 50/60Hz
INPUT CURRENT	1.5A MAX @ 90VAC, 0.5A MAX @277VAC
POWER FACTOR	0.98
ATHD	10%
EFFICIENCY	>90%
INPUT POWER	132W MAX @ 120VAC, 130W MAX @ 240 VAC
OUTPUT TYPE	CONSTANT CURRENT
OUTPUT CURRENT	700mA
OUTPUT VOLTAGE	100~172 VDC
OUTPUT POWER	120W MAX
NUMBER OF OUTPUT CHANNELS	1
EMI	N.A
DIMMING CONTROLLER TYPE	N.A
DIMMING RANGE	N.A
MAX.CASE HOT SPOT TEMPERATURE (Tc MAX)	80°C
OPERATING TEMPERATURE	-25°C TO 50°C
APPROVALS CLASS (CONFORMING TO)	EN61347-2-13, EN61547, EN61000-3-2, EN61000-4-5, IEC60529(IP67), NON CLASS II / NON-ISOLATED
HOT PLUG - IN	NO
CASE MATERIAL	ALUMINIUM EXTRUSION WITH S.S SIDE BRACKETS
WEIGHT	1.20KG

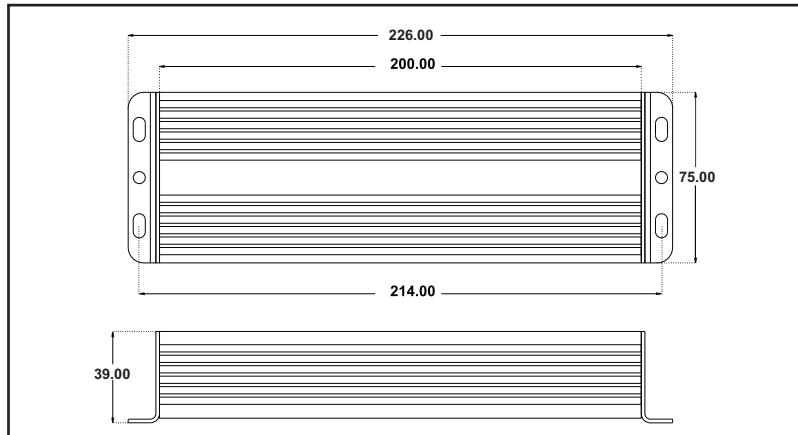
## CIRCUIT PROTECTION

SURGE PROTECTION	5KV DM
INPUT OVER CURRENT PROTECTION	NON-RESETTABLE
INPUT OVER VOLTAGE	SHUTDOWN @ 330±10VAC, AUTORECOVERY @ 300±10VAC
INPUT UNDER VOLTAGE	SHUTDOWN @ 90±10VAC, AUTORECOVERY @ 110±10VAC
OUTPUT SHORT CIRCUIT PROTECTION	AUTORECOVERY (HICCUP MODE)
OUTPUT OPEN CIRCUIT PROTECTION	LATCHED OFF
OUTPUT TO GROUND SHORT PROTECTION	NON-RESETTABLE
OUTPUT OVERLOAD PROTECTION	LATCHED OFF
OVER TEMPERATURE PROTECTION	SHUTDOWN ABOVE Tc MAX, RECOVERY HYSTERESIS 30°C

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

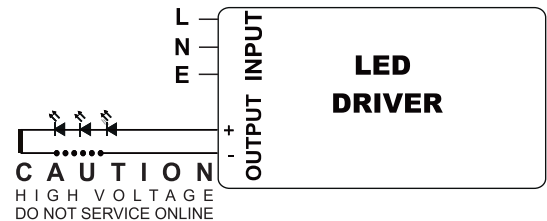
The usage of appropriate SURGE PROTECTIVE DEVICE (SPD) is MANDATORY for Outdoor drivers.

## MECHANICAL DATA



## WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	3-CORE CABLE 350 mm	RED (+)	2-CORE CABLE 350 mm
WHITE (N)		BLUE (-)	
GREEN (E)			



**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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