

Description: 80W Constant Current LED Driver, Single Channel, 65-130V, 0.61A (Non Dimmable)

This Driver Will Operate The Following LED Modules:

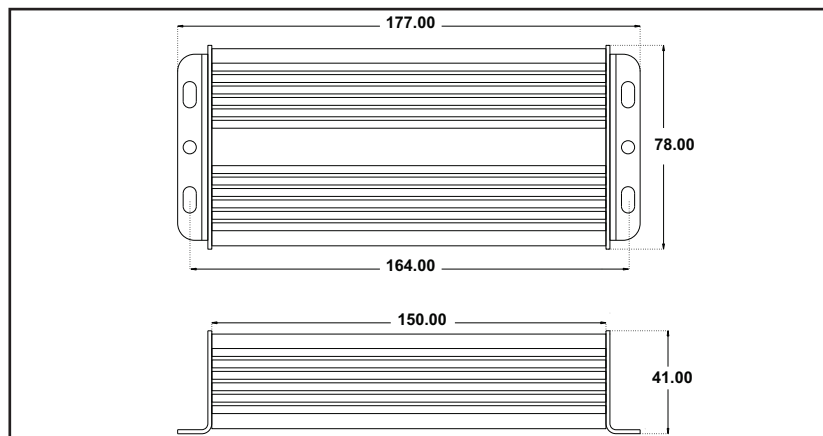
Any LED module designed to accept 610mA and a voltage of 65-130VDC.

ELECTRICAL DATA

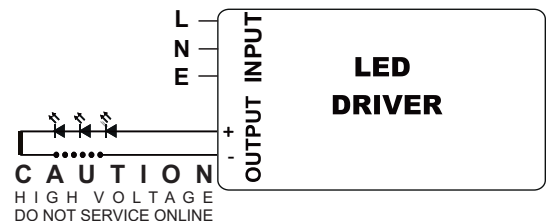
INPUT VOLTAGE	240 Vac, 50/60Hz
OPERATING INPUT VOLTAGE RANGE	155Vac~280Vac, 50/60Hz
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	160Vac~280Vac, 50/60Hz
INPUT CURRENT (MAX)	0.56A @ 160VAC, 0.37A @ 240VAC
POWER FACTOR	0.98
Athd	15%
EFFICIENCY	>90%
INPUT POWER	89W MAX
OUTPUT TYPE	Constant Current
OUTPUT CURRENT	610mA
OUTPUT VOLTAGE	65~130 Vdc
OUTPUT WATTAGE	80W MAX
NUMBER OF OUTPUT CHANNELS	1
EMI	Not applicable
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)	EN61347-2-13; EN61547; EN61000-3-2; EN61000-4-5; IEC60529 (IP67); Non Class 2/Non-Isolated (UL)
HOT PLUG - IN	NO
CASE MATERIAL	Aluminium Extrusion with S.S side brackets
WEIGHT	0.87 KG

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 @ 140±10VAC, AUTORECOVERY @ 150±10VAC
OUTPUT SHORT CIRCUIT PROTECTION	: AUTORECOVERY
OUTPUT OPEN CIRCUIT PROTECTION	: AUTORECOVERY (MAX VOLTAGE)
OUTPUT TO GROUND SHORT PROTECTION	: NON-RESETTABLE
OUTPUT OVERLOAD PROTECTION	: Not applicable
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	3-CORE CABLE 300 mm	RED	2-CORE CABLE 500 mm
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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