

SPECIFICATION SHEET: T1UNV1050-160P

This Is An Original Product From Fulham (India) Pvt. Ltd.

Description: 160W Constant Current LED Driver, Single Channel,110V-152V, 1.05A (Non-Dimmable)

This Driver Will Operate The Following LED Modules:

Any LED module designed to accept 1050mA and a voltage of 110-152VDC.

ELECTRICAL DATA

RATED INPUT VOLTAGE	120 VAC~277 VAC, 50/60Hz		
OPERATING INPUT VOLTAGE RANGE	100 VAC~305 VAC, 50/60Hz		
OPTIMUM PERFORMANCE INPUT VOLTAGE RANGE	120 VAC~277VAC, 50/60Hz		
INPUT CURRENT	2.1A MAX @ 90VAC, 0.65A MAX @277VAC		
POWER FACTOR	0.98		
ATHD	10%		
EFFICIENCY	>90%		
INPUT POWER	178W MAX		
OUTPUT TYPE	CONSTANT CURRENT		
OUTPUT CURRENT	1050mA		
OUTPUT VOLTAGE	110~152 VDC		
OUTPUT POWER	160W MAX		
NUMBER OF OUTPUT CHANNELS	1		
EMI	-		
DIMMING CONTROLLER TYPE	-		
DIMMING RANGE	-		
MAX.CASE HOT SPOT TEMPERATURE (Tc MAX)	75°C		
OPERATING TEMPERATURE	-25°C TO 50°C		
APPROVALS CLASS (CONFORMING TO)	EN61347-2-13, EN61547, EN62384, EN61000-3-2, EN61000-3-3, IP67, CLASS II (ISOLATED)		
HOT PLUG - IN	YES		
CASE MATERIAL	ALUMINIUM EXTRUSION WITH S.S SIDE BRACKETS		
WEIGHT	1.35KG		

CIRCUIT PROTECTION

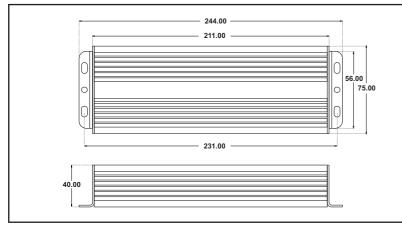
SURGE PROTECTION	YES (6KV/6KV) NON-RESETTABLE OVER VOLTAGE OPERATION (48Hrs @ 320VAC; 2Hrs @ 360VAC) SHUTDOWN @ 85±5VAC, AUTORECOVERY @ 95±5VAC AUTORECOVERY			
INPUT OVER CURRENT PROTECTION				
INPUT OVER VOLTAGE				
INPUT UNDER VOLTAGE				
OUTPUT SHORT CIRCUIT PROTECTION				
OUTPUT OPEN CIRCUIT PROTECTION	AUTORECOVERY (MAX VOLTAGE)			
OUTPUT TO GROUND SHORT PROTECTION	AUTORECOVERY			
OUTPUT OVERLOAD PROTECTION	LIMITED BY MAX VOLTAGE OUTPUT			
OVER TEMPERATURE PROTECTION	OUTPUT CURRENT FOLDBACK ABOVE To MAX			
Note: All performance specified at Rated voltage and full load. Output current tolerance: ±5%				
TI A SUBJECT DE PROTECTIVE REVIGE (ARRYLL MANIFIATORY) (A SUBJECT ARRANGE ARR				

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

CAUTION: - The LED driver uses crowbar devices for surge protection. As such, high voltage electrical strength test should not be done with the driver wired into the luminaire. Typically, the driver would trip any voltage over 850 (Vpk), applied between any of the supply wires and the chasis. For certification purposes, special samples shall be provided for type testing, with the said component removed.

MECHANICAL DATA

WIRING DIAGRAMS



INPUT SIDE	LENGTH	0	JTPUT SIDE	LENGTH 2-CORE CABLE 350 mm				
BLACK (L)	3-CORE		RED (+)					
WHITE (N)	CABLE		BLUE (-)					
GREEN (E)	350 mm							
		*						
r = [5								
	E -	TUPUT	LED					
			LED					
222		5	DRIVER					
_ ***		OUTPUT						
CAUTION		-			J			
	V O L T A G E ERVICE ONLINE							

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) Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.