

Description : 12VDC, 20W Constant Voltage LED Driver with 0-10Vdimming. Universal input range of 100-277V. One, 12VDC independent, constant voltage output channel.

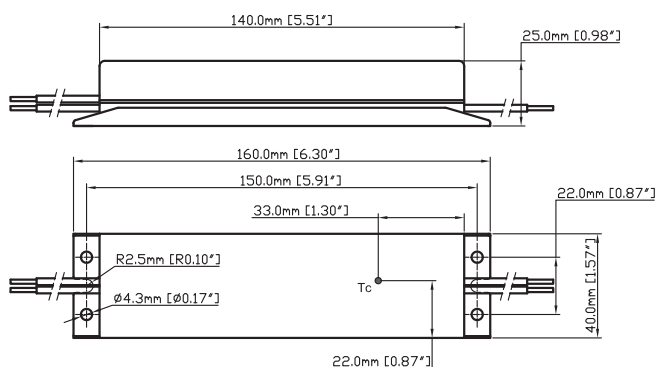
This Driver Will Operate The Following LED Modules:

Any LED module designed to accept constant voltage input up to 12VDC and has a maximum current of 1.66A.

ELECTRICAL DATA

INPUT VOLTAGE	100-277V $\pm$ 10%, 50/60Hz
INPUT CURRENT (MAX)	0.25A @ 100V; 0.095A @ 277V
POWER FACTOR (PF)	> 0.9 @ Full Load
THD	$\leq$ 20% @ Full Load
EFFICIENCY	80% typical @ Full Load
DRIVE METHOD	Constant Voltage
OUTPUT VOLTAGE	12VDC
OUTPUT CURRENT (MAX)	1.66A
OUTPUT WATTAGE	20W
NUMBER OF OUTPUT CHANNELS	1
DIMMING CONTROLLER TYPE	0-10V Dimming
DIMMING RANGE	100%-10%
RFI/EMI	FCC PART 15, CLASS B / EN55015
SOUND RATING	A
SURGE PROTECTION	1kV (L to N), 2kV (L/N to GND)
CURRENT PROTECTION	Fuse
OUTPUT SHORT CIRCUIT PROTECTION	Shutdown and auto recovery, no damage
OUTPUT OPEN CIRCUIT PROTECTION	12Vdc
OUTPUT TO GROUND SHORT PROTECTION	Isolated System
OVER LOAD PROTECTION	24.5W Max.
MAX CASE TEMPERATURE (TC)	90°C
AMBIENT TEMPERATURE RANGE	-20°C to +73°C
EXPECTED LIFE	50,000 Hours
APPROVALS/CLASS	cULus Class 2, CE, RoHS, Dry or Damp Locations, Type HL

MECHANICAL DATA



WIRING DIAGRAMS

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	150mm [6"]	RED	150mm [6"]
WHITE	150mm [6"]	BLUE	150mm [6"]
GREY	150mm [6"]		
PURPLE	150mm [6"]		

