

PSRX-300W-48V-UNV

4-IN-1 DIMMABLE DRIVER W/ JUNCTION BOX

The **PSRX SERIES** indoor/outdoor drivers are highly efficient, stable with smooth dimming capability compatible with most TRIAC, ELV, MLV, 0-10V reverse and forward phase dimmers, and on/off switches. These drivers are derated allowing them to be loaded to maximum wattage capacity.

SPECIFICATIONS

INPUT	
INPUT VOLTAGE RANGE	100-277V AC
INPUT FREQUENCY RANGE	50/ 60 Hz
POWER FACTOR	> 0.9
EFFICIENCY	88.95% (120VAC); 91.75% (277VAC)
AC CURRENT (MAX.)	3.4A
INRUSH CURRENT	34.4A, 0.48ms (120VAC); 30.8A, 15.6us (277VAC)
LEAKAGE CURRENT	< 0.5mA
OUTPUT	
OUTPUT VOLTAGE	48V DC
OUTPUT CURRENT (MAX.)	6.25A
OUTPUT WATTAGE (MAX.)	300W
MINIMUM LOAD	10%
MAXIMUM LOAD	100%
LOAD REGULATION	±1%
LINE REGULATION	5%
PROTECTION	
SHORT CIRCUIT	Hiccup Mode, recovers automatically after fault condition is removed
OVER LOADING	≤120% shut down o/p voltage, repower on to recover
ENVIRONMENT	
WORKING TEMPERATURE	-40°F (-40°C) ~ 113°F (45°C)
WORKING HUMIDITY	20-90% RH, non-condensing
STORAGE TEMPERATURE	-40°F (-40°C) ~ 176°F (80°C)
SAFETY	
SAFETY STANDARDS	UL 8750
WITHSTAND VOLTAGE	I/P-O/P: 1.88KV AC
ISOLATION RESISTANCE	I/P-OP: 100MΩ/ 500V DC/ 25°C, 70%RH
EMC EMISSION	FCC Part 15 B
OTHER	
WIRE TERMINAL	Fits up to 12AWG
WARRANTY	5-Year Limited Warranty
DIMENSIONS (L x W x H)	10.94" x 4.33" x 1.82"
MTBF	50,000 Hrs.

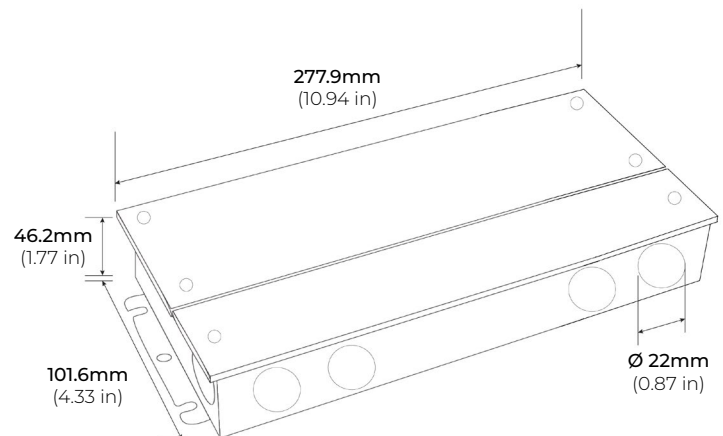
Project _____
Location _____
Quote/ Ref # _____



FEATURES

- High power factor/ efficiency
- 0-100% Dimming Range
- Dry or wet location
- Superior PWM dimming technology
- Factory derated
- Only 10% minimum load
- Compatible with TRIAC, MLV, and ELV dimmers
- Free Air Convection Cooling

DIMENSIONS

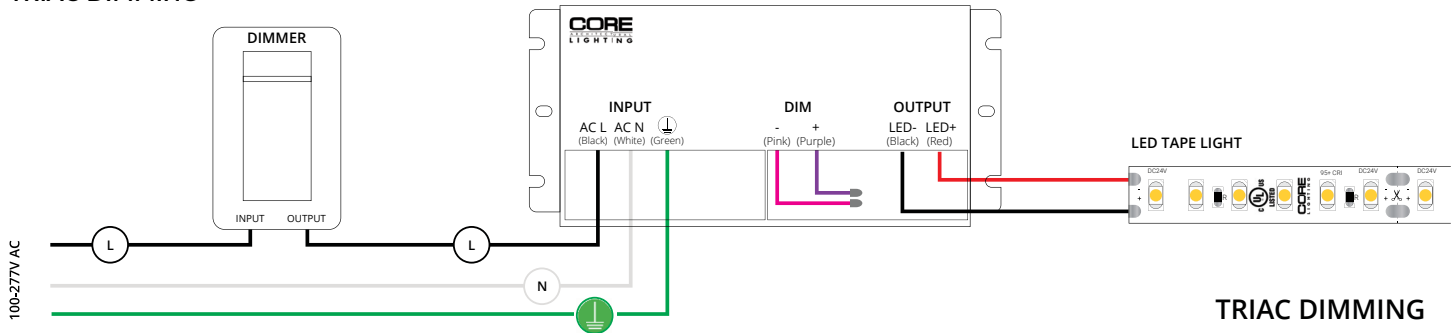


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WIRING DIAGRAM

TRIAC DIMMING



0-10/ 1-10V DIMMING

