

# PSDL-288W-24V-UNV-CL2 Dimmable Driver w/ Junction Box

JOB NAME: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
QUOTE/REF#: \_\_\_\_\_



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

## FEATURES

- High power factor for high efficiency
- Short circuit and over current protection
- Dry or wet location
- Superior PWM dimming technology
- Factory derated
- Only 10% minimum load
- Compatible with TRIAC, MLV and ELV dimmers
- Flicker-free 100-0% dimming

## INPUT

<b>INPUT VOLTAGE RANGE</b>	120~277V AC
<b>INPUT FREQUENCY RANGE</b>	47~63 Hz
<b>POWER FACTOR (AVG.)</b>	≥0.99 (120VAC) ; ≥0.97 (277VAC)
<b>AC CURRENT (MAX.)</b>	3.4A (110V AC)
<b>INRUSH CURRENT</b>	35A (twidth=960us) @120VAC 43A (twidth=1ms) @277VAC
<b>LEAKAGE CURRENT</b>	<0.5mA

## OUTPUT

<b>OUTPUT VOLTAGE</b>	24V DC
<b>NO. OF CHANNELS</b>	3
<b>OUTPUT CURRENT / CHANNEL</b>	4A (12A TOTAL)
<b>OUTPUT WATTAGE / CHANNEL</b>	96W (288W TOTAL)
<b>LOAD REGULATION</b>	± 1%
<b>VOLTAGE REGULATION</b>	± 0.5V

## PROTECTION

<b>SHORT CIRCUIT</b>	Powers on after fault is removed
<b>OVERLOADING</b>	≤120% shut down o/p voltage, re-power on to recover

## ENVIRONMENT

<b>WORKING TEMP.</b>	-40~+60°C / -40~+140°F
<b>WORKING HUMIDITY</b>	20~90% RH, non-condensing
<b>STORAGE TEMP. / HUMIDITY</b>	-40~+80°C, -40~176°F / 10~95% RH

## SAFETY

<b>SAFETY STANDARDS</b>	UL 8750, UL 1310
<b>WITHSTAND VOLTAGE</b>	I/P-O/P: 1.88KV AC
<b>ISOLATION RESISTANCE</b>	I/P-O/P: 100MΩ /500V DC/25°C
<b>EMC EMISSION</b>	FCC 47 CFR Part 15, Subpart B

## OTHER

<b>WARRANTY</b>	5-YEAR LIMITED WARRANTY
<b>DIMENSIONS (LxWxH)</b>	11.85" x 4.25" x 1.82"
<b>KNOCKOUTS</b>	6 knockouts - 7/8 inches.

## DIMENSIONS

