



Date \_\_\_\_\_ Project \_\_\_\_\_

Notes \_\_\_\_\_

**0-10V DIMMABLE 288 WATT WATERPROOF DRIVER**

This constant voltage 288W Class 2 driver is UL Listed and offers 3 separate 96W Class 2 outputs. It is UL rated for wet, damp, and dry locations and has an enclosure with isolated wire connections and a NEMA 4x rating. With input voltage ranging from 100-277 VAC, this driver is suited for commercial, industrial and residential applications. The 0-10V dimming uses PWM output and a dimming range from 0.1-100% brightness.



- Constant voltage
- 0-10V dimming
- Dimming range from 100% to 0.1%
- UL wet location and NEMA 4x rated
- UL 8750 & UL 1310 approved
- 7-year warranty



**SPECIFICATIONS**

<b>Driver Type</b>	Constant Voltage	<b>Dimming Output Type</b>	PWM
<b>Input Voltage</b>	100-277 VAC	<b>Ambient Operating Temperature</b>	-40 to 140°F (-40 to 60°C)
<b>Input Frequency</b>	47-63HZ	<b>Storage Temperature</b>	-40 to 176°F (-40 to 80°C)
<b>Input Current</b>	3.6A @ 100VAC	<b>Max Relative Humidity</b>	90% non-condensing
<b>THD</b>	< 18%	<b>Surge Protection</b>	I/P-O/P:1.88KVAC
<b>Power Factor (Typ) @ Full Load</b>	0.98 @ 120VAC, 0.97 @ 277VAC	<b>Overvoltage Protection</b>	Yes
<b>Output Power</b>	288W (3 x 96W Class 2 Outputs)	<b>Short Circuit Protection</b>	Yes
<b>Output Voltage</b>	24V (+/- 0.5V)	<b>Over Temperature Protection</b>	Yes
<b>Output Current</b>	3 x 4A	<b>UL Standards</b>	UL 8750 + UL 1310
<b>Efficiency @ Full Load</b>	85% @ 120V, 90% @ 277VAC	<b>Environmental Rating</b>	UL wet location and NEMA 4x rated
<b>Dimming Control</b>	0-10V	<b>EMI Compliance</b>	FCC 47 CFR Part 15 Subpart B
<b>Dimming Range</b>	0.1-100%	<b>Warranty</b>	7 years

**ORDERING GUIDE**

Category	Voltage	Wattage	Dimming Option
DRVW	24	288	10P
DRVW - Waterproof Driver	24 - 24 V DC Output	288 - 288W (3 x 96W)	10P - 0-10V PWM Dimming

**MAXIMUM DISTANCE FROM DRIVER TO LED AT FULL LOAD**

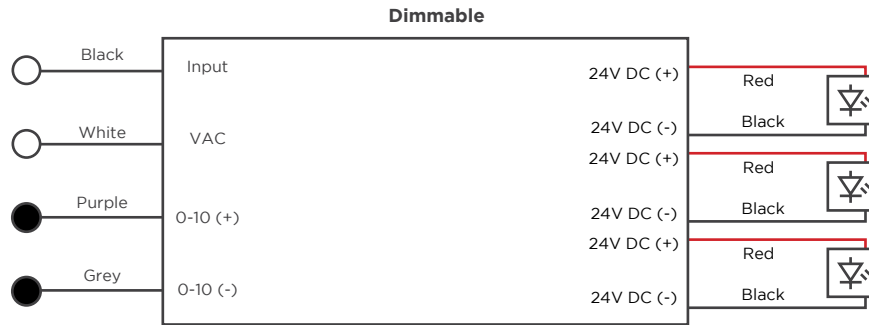
288W

Wire Gauge	Feet	Meters
24 AWG / 0.20 mm <sup>2</sup>	6.21	1.894
22 AWG / 0.33 mm <sup>2</sup>	10.51	3.205
20 AWG / 0.52 mm <sup>2</sup>	16.08	4.902
18 AWG / 0.82 mm <sup>2</sup>	26.03	7.937
16 AWG / 1.31 mm <sup>2</sup>	42.05	12.821
14 AWG / 2.08 mm <sup>2</sup>	66.67	20.325
12 AWG / 3.31 mm <sup>2</sup>	105.13	32.051
10 AWG / 5.26 mm <sup>2</sup>	165.66	50.505
8 AWG / 8.37 mm <sup>2</sup>	260.32	79.365

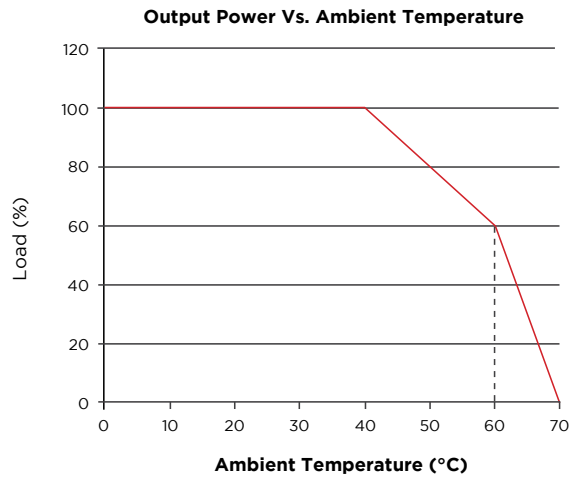
**NOTE:** Calculations include a standard 10% buffer

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WIRING DIAGRAM



DERATING CURVE



DIMENSIONS

**L x W x H**  
11.85 x 5.51 x 1.77 in.  
301 x 140 x 45 mm

