



## 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

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

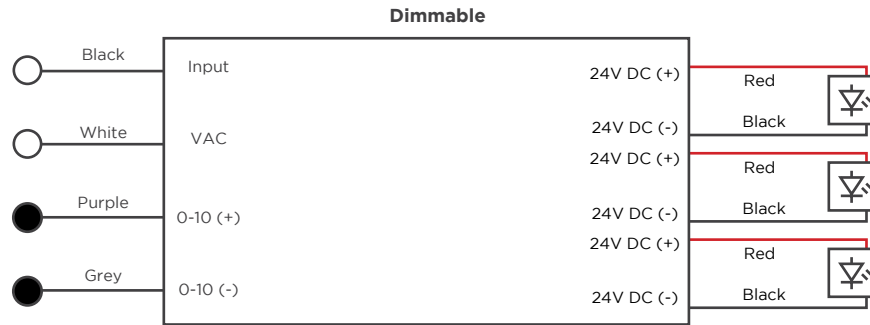
### MAXIMUM DISTANCE FROM DRIVER TO LED AT FULL LOAD

96 + 100 W

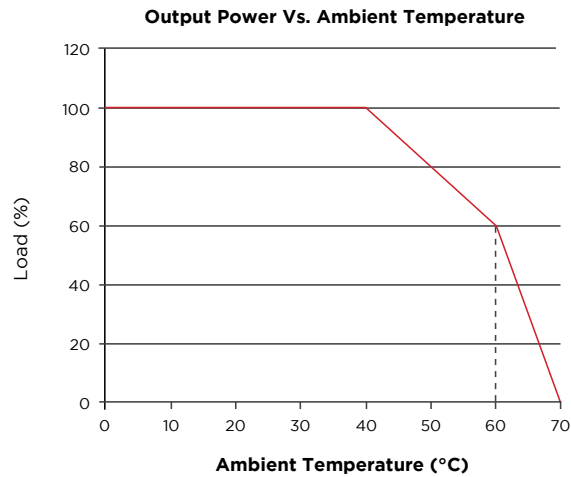
Wire Gauge	Feet	Meters
24 AWG / 0.25 mm <sup>2</sup>	5.5	1.68
22 AWG / 0.34 mm <sup>2</sup>	9	2.74
20 AWG / 0.5 mm <sup>2</sup>	14	4.27
18 AWG / 0.75 mm <sup>2</sup>	23	7.01
16 AWG / 1.5 mm <sup>2</sup>	37	11.28
14 AWG / 2.5 mm <sup>2</sup>	59	17.99
12 AWG / 4 mm <sup>2</sup>	94	28.66
10 AWG / 6 mm <sup>2</sup>	150	45.73
8 AWG / 10 mm <sup>2</sup>	239	72.87

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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

