

0-10V DIMMABLE 96 WATT WATERPROOF DRIVER

This constant voltage Class 2 96W driver is UL Listed. 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 has 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	1.3A @ 100VAC	Max Relative Humidity	90% non-condensing
THD	< 18%	Surge Protection	I/P-O/P:3.75KVAC
Power Factor	PF≥0.98/110V , PF≥0.95/277V	Overvoltage Protection	Yes
Output Power	96W	Short Circuit Protection	Yes
Output Voltage	24V (+/- 0.5V)	Over Temperature Protection	Yes
Output Current	4.0A	UL Standards	UL 8750 + UL 1310
Efficiency @ Full Load	>88%	Environmental Rating	UL wet location and NEMA 4x rated
Dimming Control	0-10V	EMI Compliance	FCC Part 15 B
Dimming Range	0.1-100%	Warranty	7 years

ORDERING GUIDE

Category	Voltage	Wattage	Dimming Option
DRVW	24	96	10P
DRVW - Waterproof Driver	24 - 24 V DC Output	96 - 96W	10P - 0-10V PWM Dimming

MAXIMUM DISTANCE FROM DRIVER TO LED AT FULL LOAD

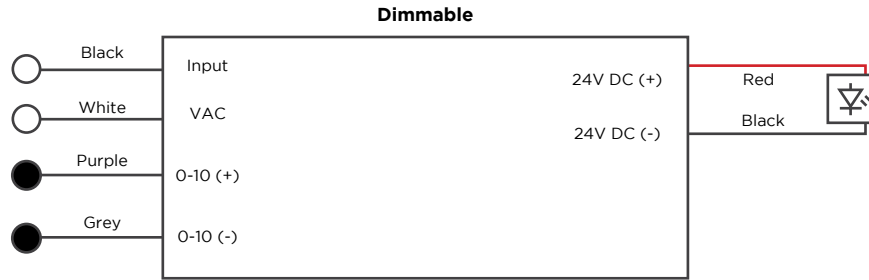
96W + 100W

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

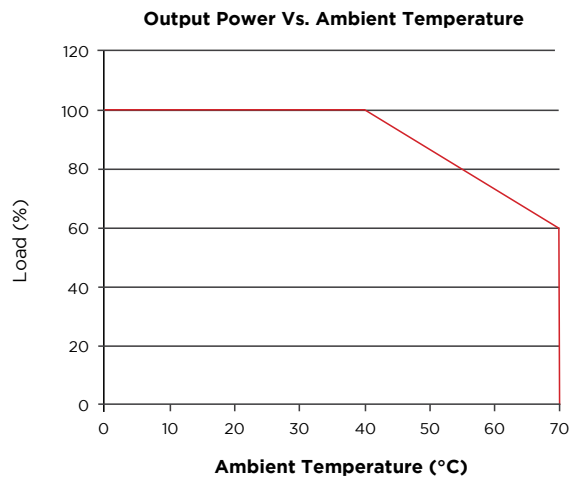
NOTE: Calculations include a standard 10% buffer

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WIRING DIAGRAM



DERATING CURVE



DIMENSIONS

L x W x H
8.66 x 3.72 x 1.57 in.
220 x 94.5 x 40 mm

