



Date _____ Project _____

Notes _____

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

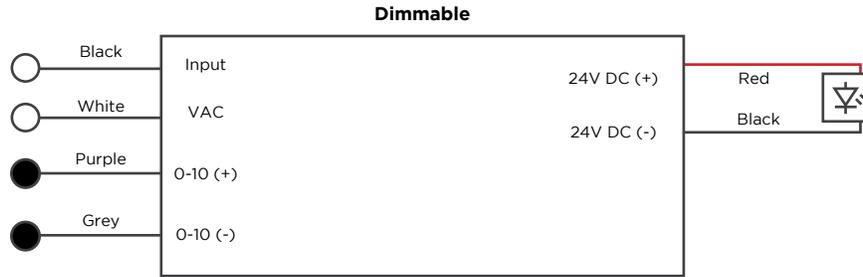
MAXIMUM DISTANCE FROM DRIVER TO LED AT FULL LOAD

96 + 100 W

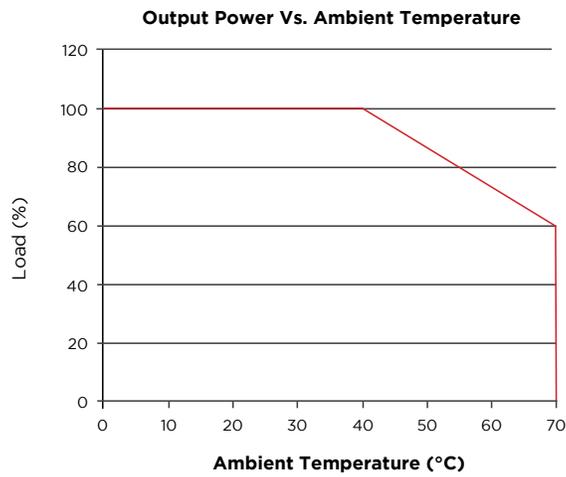
Wire Gauge	Feet	Meters
24 AWG	5.5	1.68
22 AWG	9	2.74
20 AWG	14	4.27
18 AWG	23	7.01
16 AWG	37	11.28
14 AWG	59	17.99
12 AWG	94	28.66
10 AWG	150	45.73
8 AWG	239	72.87

Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

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

