



Date _____ Project _____

Notes _____

NON-DIMMING ELECTRONIC DRIVER

Power your LED system with our high efficiency 24 V Class 2 and High Wattage Drivers that output constant voltage.

- 24 VDC output
- IP65 wet location
- 240 W and 320 W models
- High Efficiency
- These LED drivers and components are UL Recognized
- Your city’s electrical codes may require a UL Listed marked component consult an electrical engineer or licensed contractor to specify this part. Use our UL Listed drivers if your code requires use of such a power supply



CE IP65

Applications:

Commercial	Hospitality	Residential
Entertainment	Museums	Retail
Healthcare	Public Spaces	

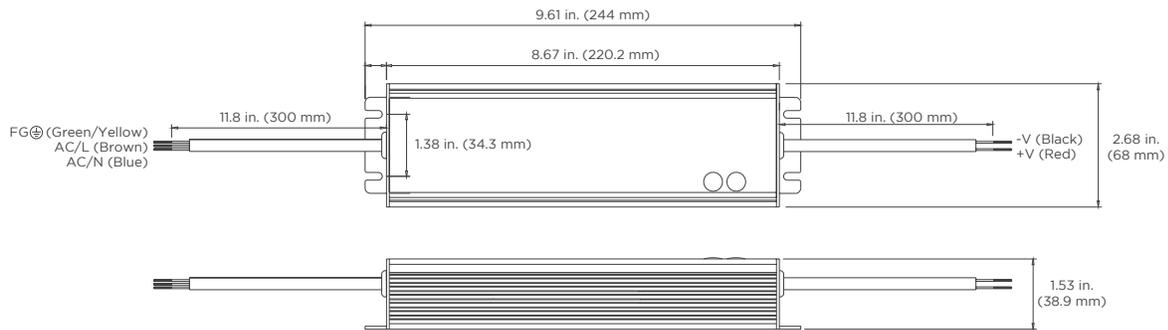


ORDERING GUIDE

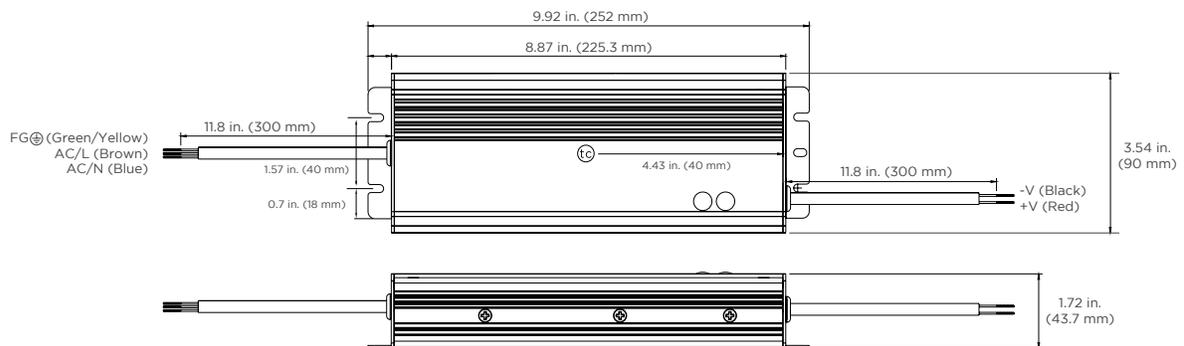
Category	Waterproof	Voltage	Wattage
DRV	W	24	
DRV - 24 V Driver	W - Waterproof	24 - 24 V	240 - 240 W (High Wattage) 320 - 320 W (High Wattage)

DIMENSIONS

240 W



320 W



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SPECIFICATIONS

	240W	320W
Output Voltage (DC)	24 V	24 V
Rated Current	10 A	13.3 A
Input Voltage Range (VAC)	90 - 305 VAC	90 - 305 VAC
Rated Power	240 W	320 W
Ripple and Noise	150 mVp-p	150 mVp-p
Voltage Tolerance	+/- 1.0%	
Line Regulation	+/- 0.5%	
Load Regulation	+/- 0.5%	
Setup / Rise Time	1000 ms, 80 ms at full load	2500 ms, 500 ms, 80 ms at full load
Hold Up Time (Typ.)	15 ms at full load	15 ms at full load
Input Frequency	47 - 63 Hz	47 - 63 Hz
Power Factor	PF > 0.98 / 115 VAC, PF > 0.95 / 230 VAC	F > 0.98 / 115 VAC, PF > 0.95 / 230 VAC, PF > 0.94 / 277 VAC
Efficiency (Typ.)	92.5%	94%, 94.5%
In-rush Current	Cold Start 75 A / 230 VAC	
Leakage Current	<0.75 mA / 277 VAC	
Over Current	95 - 108%	
Over Voltage	27 - 34 V	
Over Temperature	Shut down o/p voltage, recovers automatically after temperature goes down	Shut down and latch off o/p voltage, re-power on to recover
Working Temperature	-40° F to 158° F (-40° C to 70° C)	
Working Humidity	25 - 95% RH non-condensing	
Storage Temp. Humidity	-40° F to 158° F (-40° - 70° C), 10% - 95% RH	
Temp. Coefficient	+/- 0.3% / (0 - 50° C)	
Vibration	10 - 500 Hz, %G 12 min. 1 cycle, period for 72 min.along X, Y, Z, axes	
IP Rating	Wet or Dry	
Safety Standards	UL1012, CAN/CSA-C22.2 No. 107.1-01, UL8750, CSA C22.2 No. 250.0-08 UL8750;GB/T19510.1;GB/T19510. IP65;J61347-1,J61347-2-13 , 213 BS EN/EN/AS/NZS 61347-1, BS EN/EN/AS/NZS 61347-2-13 independent	
Withstand Voltage	I/P-O/P:3.75 KVAC, I/P-FG:2 KVAC, O/P-FG:1.5 KVAC	
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG 100M Ohms / 500VDC / 25°C / 70% RH	
EMC Emission	EMC Emission BS EN/EN55015, BS EN/EN55032 (CISPR32) Class B, BS EN/EN61000-3-2 Class C () ; @ load 50% BS EN/EN61000-3-3 , GB17625.1,EAC TP TC 020	
EMC Immunity	EMC Immunity BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN61547, BS EN/EN55024, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV) EAC TP TC 020;KC KN15,KN61547() except for AB,C,D-type	
MTBF	207.9 hrs min. MIL-HDBK-217F (25)	157.1 K hrs min. MIL-HDBK-217F (25)
DIMENSIONS (L x W x H)	9.61 x 2.68 x 1.53 in. (244.2 x 68.0 x 38.8 mm)	9.92 x 3.53 x 1.72 in. (252.0 x 90.0 x 43.8 mm)
WEIGHT	2.71 lbs	

MAXIMUM WIRE LENGTH FROM DRIVER TO LED AT FULL LOAD

Wattages Wire Gauge	240 W		320 W	
	Feet	Meters	Feet	Meters
24 AWG / 0.20 mm ²	2.48	0.758	1.86	0.568
22 AWG / 0.33 mm ²	4.21	1.282	3.15	0.962
20 AWG / 0.52 mm ²	6.43	1.961	4.82	1.471
18 AWG / 0.82 mm ²	10.41	3.175	7.81	2.381
16 AWG / 1.31 mm ²	16.82	5.128	12.62	3.846
14 AWG / 2.08 mm ²	26.67	8.130	20.00	6.098
12 AWG / 3.31 mm ²	42.05	12.821	31.54	9.615
10 AWG / 5.26 mm ²	66.26	20.202	49.70	15.152
8 AWG / 8.37 mm ²	104.13	31.746	78.10	23.810