



Date _____ Project _____

Notes _____

NON-DIMMING UL RECOGNIZED 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 are UL Recognized and components
- 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



IP65

Applications:

Commercial	Hospitality	Residential
Entertainment	Museums	Retail
Healthcare	Public Spaces	

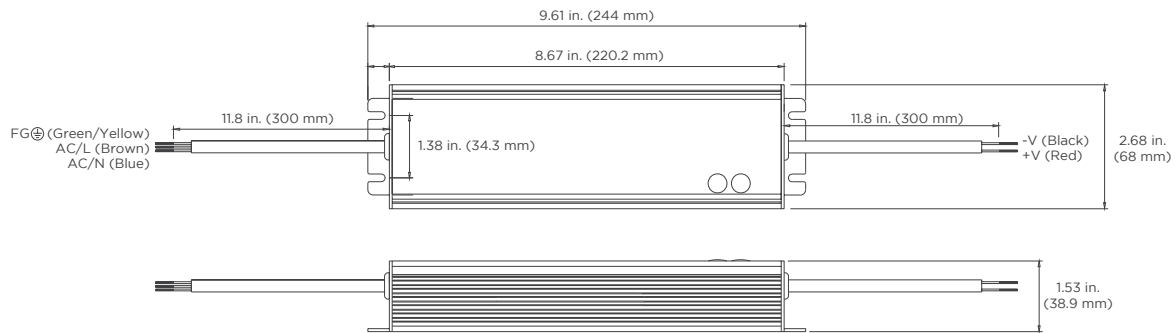


ORDERING GUIDE

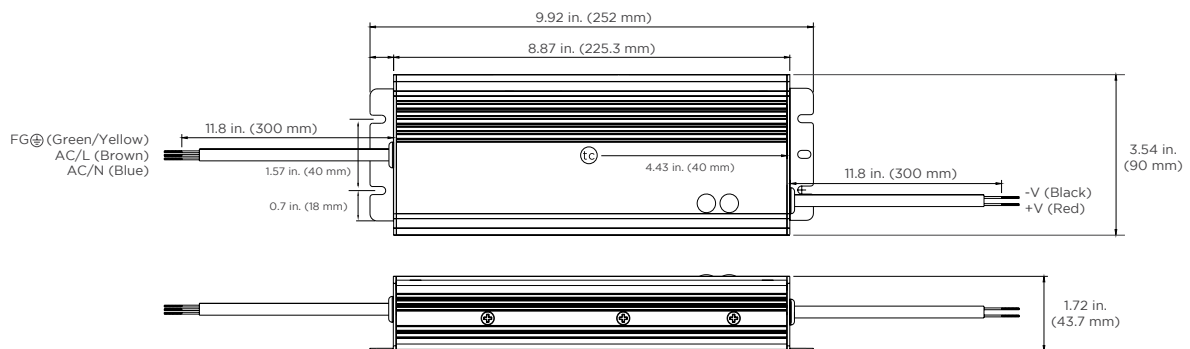
Category	Waterproof	Voltage	Wattage
DRV	W	24	
DRV - 24 V Driver	W - Waterproof	24 - 24 V	240 - 240 W (High Wattage) 320 - 320 W (High Wattage)

DIMENSIONS

240 W





320 W



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SPECIFICATIONS

	240W (UL RECOGNIZED)	320W (UL RECOGNIZED)
		
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, TUV EN61347-1, EN61347-2-13 independent (except for HLG-240H C type), UL60950-1, UL8750, TUV EN60950-1, IP65 or IP67 approved, J61347-1, J61347-2-13	UL8750, CSA C22.2 No. 250.0-08, EN61347-1, EN61347-2-13 independent, IP65 or IP67 (except for HLG-320H C type), J61347-1, J61347-2-13 (except for HLG-320H C type) approved
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	EN55015, EN55022 (CISPR22) Class B, EN6100-3-2 Class C (50% load), EN61000-3-3	
EMC Immunity	EN61000-4-2,3,4,5,8,11, EN61547, EN55024, light industry level (surge 4KV), criteria B	
MTBF	207.9 hrs min. MIL-HDBK-217F (25)	157.1 K hrs min. MIL-HDBK-217F (25)
DIMENSIONS	9.61 in * 2.68 in * 1.53 in (L*W*H) 244.2 mm * 68.0 mm * 38.8 mm	9.92 in * 3.53 in * 1.72 in (L*W*H) 252.0 mm * 90.0 mm * 43.8 mm
WEIGHT	2.71 lbs	

MAXIMUM WIRE LENGTH FROM DRIVER TO LED AT FULL LOAD

Wattages	240 W		320 W	
	Feet	Meters	Feet	Meters
Wire Gauge				
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