

ELV/MLV DIMMABLE DRIVERS

High-efficiency universal constant voltage driver for flicker-free dimming, compatible with forward and reverse phase dimmers.

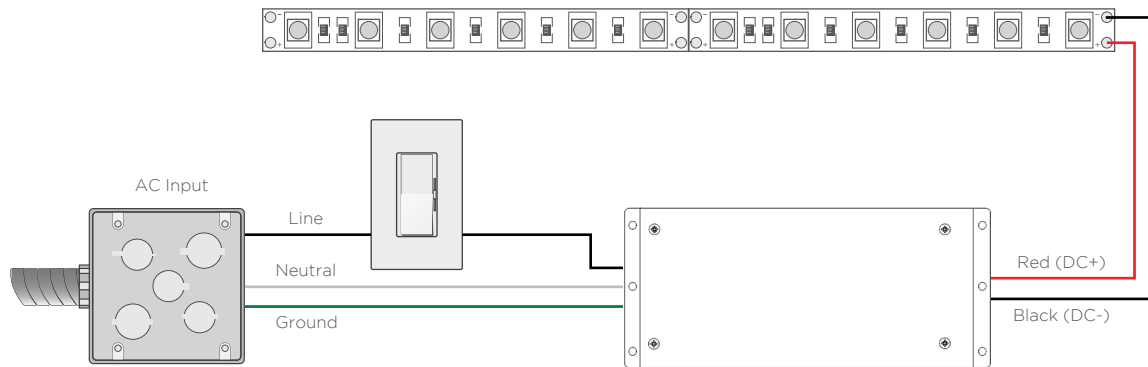
- 24 VDC, 100-277 VAC
- 150W, 300W available
- Dimming range: 1%-100%
- IP67, dry and damp location rated
- Overload, short circuit protection
- Class 2 output (60W, 96W)
- Black powder coated steel case
- UL Listed in U.S. and Canada. Your city may require a UL Listed or UL Recognized component, both of which this product satisfies.
- 7-year warranty



ORDERING GUIDE

Category	Waterproof	Wattage
DRV	W	
DRV - 24 V Driver	W - Waterproof	24150ELVMLV - 150 W 24300ELVMLV - 300 W

WIRING DIAGRAM



DRIVER REMOTE DISTANCES

Wattages	150 W		300 W	
	Feet	Meters	Feet	Meters
24 AWG / 0.20 mm ²	3.98	1.212	1.99	0.606
22 AWG / 0.33 mm ²	6.73	2.051	3.36	1.026
20 AWG / 0.52 mm ²	10.29	3.137	5.15	1.569
18 AWG / 0.82 mm ²	16.66	5.079	8.33	2.540
16 AWG / 1.31 mm ²	26.91	8.205	13.46	4.103
14 AWG / 2.08 mm ²	42.67	13.008	21.33	6.504
12 AWG / 3.31 mm ²	67.28	20.513	33.64	10.256
10 AWG / 5.26 mm ²	106.02	32.323	53.01	16.162
8 AWG / 8.37 mm ²	166.60	50.794	83.30	25.397

NOTE: Calculations include a standard 10% buffer

SPECIFICATIONS

	150 W	300 W
Output Voltage (DC)	24 VDC	24 VDC
Rated Current	6.2 A	12.5 A
Rated Power	150 W	300 W
Input Voltage Range (VAC)	100-277 VAC	100-277 VAC
Input Current	1.8 A	3.4 A
Frequency Range	50 / 60 Hz	50 / 60 Hz
Efficiency	> 87%	> 87%
Power Factor	> 0.90	> 0.90
Withstand Voltage	1500 V AC	1500 V AC
Dimming Range	1% - 100%	1% - 100%
Temperature Range	-40 — 113 °F (-40 — 45 °C)	-40 — 113 °F (-40 — 45 °C)
Protection	Short circuit and overload	Short circuit and overload
IP Rating	IP67	IP67
Safety Standards	Conforms to UL STD. 8750 Certified to CSA STD. C22.2 No. 107.1, CE	Conforms to UL STD. 8750 Certified to CSA STD. C22.2 No. 107.1, CE
Dimensions (L x W x H)	9.99 x 5.2 x 1.82 in. (253.75 x 132.08 x 46.23 mm)	10.94 x 4.25 x 1.77 in. (277.88 x 107.95 x 44.96 mm)
Weight	3 lbs / 1.36 kg	4.2 lbs / 1.91 kg
Warranty	7 years	7 years

* Mount with at least 10" of free flow air space around it

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