



Date _____ Project _____

Notes _____

ELV/MLV DIMMABLE DRIVERS

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

- 24V DC, 100-277V AC
- 60W, 96W, 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



Applications:

- | | | |
|---------------|---------------|-------------|
| Commercial | Hospitality | Residential |
| Entertainment | Museums | Retail |
| Healthcare | Public Spaces | |



ORDERING GUIDE

Category	Waterproof	Wattage
DRV	W	
DRV - 24 V Driver	W - Waterproof	2460ELVMLV - 60 W 2496ELVMLV - 96 W 24150ELVMLV - 150 W 24300ELVMLV - 300 W

COMPATIBLE DIMMERS

LUTRON DIVA DIMMER PN: TRIDIMDIVA(With Locator Light) TRIDIMDIVAL



DIMENSIONS

Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

FEATURES

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in White finish
- Available with locator light which glows green when the switch is off

LUTRON NOVA-T DIMMER PN: TRIDIMNOVA



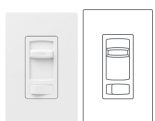
DIMENSIONS

Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

FEATURES

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in White finish

LUTRON SKYLARK CONTOUR DIMMER PN: TRIDIMSKY



DIMENSIONS

Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

FEATURES

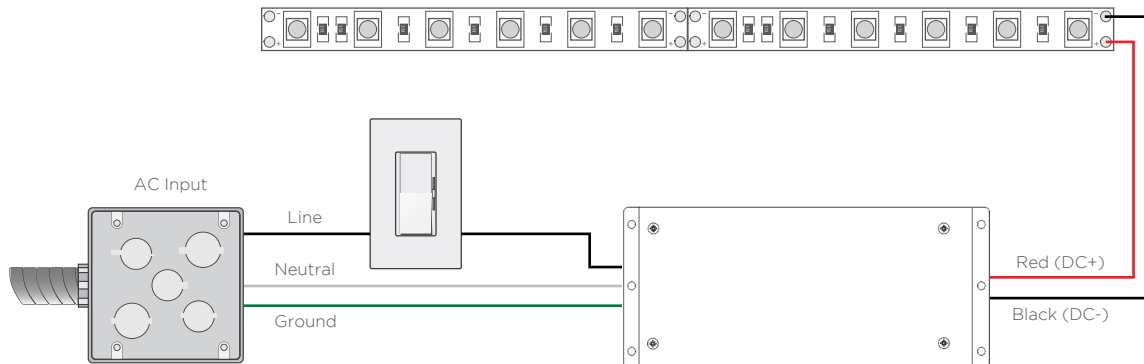
- Single pole and 3-way versions
- Compatible with Acolyte Triac Dimmer
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in White finish

SPECIFICATIONS

	60 W	96 W
Output Voltage (DC)	24 V	24 V
Rated Current	2.5 A	4.0 A
Rated Power	60 W	96 W
Input Voltage Range (VAC)	100 - 277	100 - 277
Input Current	0.9 A max	1.3 A AC
Frequency Range	50 / 60 Hz	50 / 60 Hz
Efficiency	> 90%	> 90%
Power Factor	> 0.90	> 0.90
Withstand Voltage	1500 V AC	1500 V AC
Dimming Range	1% - 100%	1% - 100%
Ambient Temperature Range	-40° F to 113° F (-40° C to 45° C)	-40° F to 113° F (-40° C to 45° C)
Protection	Short circuit and overload	Short circuit and overload
IP Rating	IP67	IP67
Safety Standards	Conforms to UL STD. 1310, Certified to CSA STD. C22.2 No. 223, CE	Conforms to UL STD. 1310, Certified to CSA STD. C22.2 No. 223, CE
Dimensions	7.4 in. x 3.62 in. x 1.02 in. (L x W x H) (187.96 mm x 91.95 mm x 25.91 mm)	7.73 in. x 5.16 in. x 1.54 in. (L x W x H) (196.34 mm x 131.1 mm x 39.12 mm)
Weight	0.24 lbs / 0.11 kg	3.7 lbs / 1.36 kg
Warranty	7 years	7 years

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

WIRING DIAGRAM



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SPECIFICATIONS

	150 W	300 W
Output Voltage (DC)	24 V	24 V
Rated Current	6.2 A	12.5 A
Rated Power	150 W	300 W
Input Voltage Range (VAC)	100 - 277	100 - 277
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° F to 113° F (-40° C to 45° C)	-40° F to 113° F (-40° C to 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	9.99 in. x 5.2 in. x 1.82 in. (L x W x H) (253.75 mm x 132.08 mm x 46.23 mm)	10.94 in. x 4.25 in. x 1.77 in. (L x W x H) (277.88 mm x 107.95 mm 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

DRIVER REMOTE DISTANCES

Wattages	60 W		96 W		150 W		300 W	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.20 mm ²	9.94	3.030	6.21	1.894	3.98	1.212	1.99	0.606
22 AWG / 0.33 mm ²	16.82	5.128	10.51	3.205	6.73	2.051	3.36	1.026
20 AWG / 0.52 mm ²	25.73	7.843	16.08	4.902	10.29	3.137	5.15	1.569
18 AWG / 0.82 mm ²	41.65	12.698	26.03	7.937	16.66	5.079	8.33	2.540
16 AWG / 1.31 mm ²	67.28	20.513	42.05	12.821	26.91	8.205	13.46	4.103
14 AWG / 2.08 mm ²	106.67	32.520	66.67	20.325	42.67	13.008	21.33	6.504
12 AWG / 3.31 mm ²	168.21	51.282	105.13	32.051	67.28	20.513	33.64	10.256
10 AWG / 5.26 mm ²	265.05	80.808	165.66	50.505	106.02	32.323	53.01	16.162
8 AWG / 8.37 mm ²	416.51	126.984	260.32	79.365	166.60	50.794	83.30	25.397

NOTE: Calculations include a standard 10% buffer