



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
- 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 | |

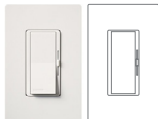


ORDERING GUIDE

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

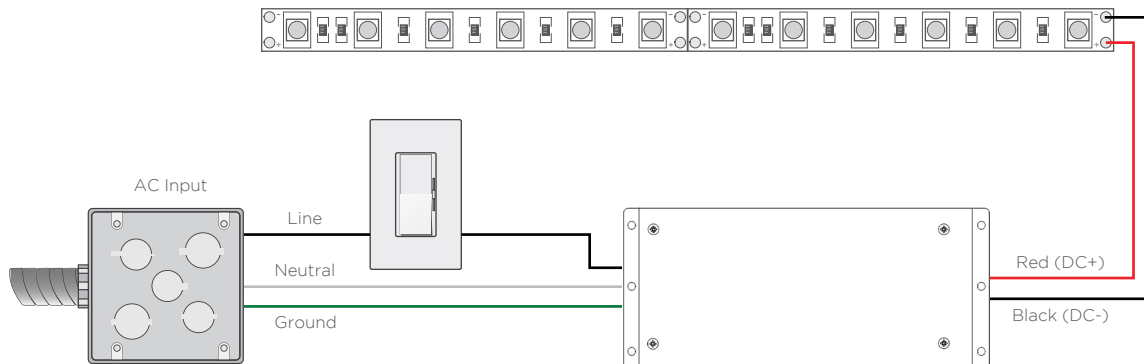
- Single pole and 3-way versions
- Compatible with Acolyte Triac Dimmer
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in White finish

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
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



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.

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
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 AND RIBBONLYTE AT FULL LOAD

Wattages	60 W		96 W		150 W		300 W	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
20 AWG	23.2	7.07	--	--	--	--	--	--
18 AWG	36.9	11.25	23.15	7.06	--	--	--	--
16 AWG	59	17.98	36.8	11.22	23.6	7.19	--	--
14 AWG	113	34.44	71	21.64	45.4	13.84	--	--
12 AWG	148	45.11	93	28.35	59.6	18.17	29.8	9.08
10 AWG	236	71.93	148	45.11	94.8	28.90	47.4	14.45
8 AWG	376	114.60	234	71.32	150	45.72	75	22.86

NOTE: Current limit for wires multiple core 4-6 cores. Allow voltage drop max. 1.18V +/- 2%