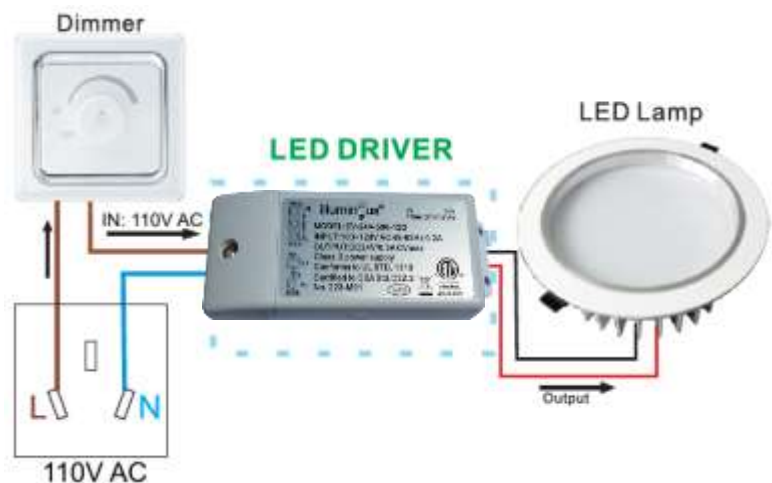




EV-24V-500-12D

### 24V 12W Dimmable CV DC LED Driver ETL approved

- Input range from 100~120V AC, 50-60Hz, Pf> 0.95
- Magnetic Dimmable DC Output: 24V, 500mA (12W), Class 2 Power Supply
- Dimmable, Suitable for Leading Edge or Trailing Edge TRIAC dimmers
- Protection: Short-Circuit / Over Current / Over Voltage and Auto-recovery Mode
- Compact, lightweight plastic case.
- Lamps wired in parallel
- Double Isolation for Safety
- Terminal Screw Connection (Input: N, L. Output: +24V, GND)
- Approvals: ETL US, CE, RoHS
- -20C to +45C, full load, max case 70C, 20 to 95% RH NC
- Size: 3.56" L x 1.63" W x 0.75" H (90.9mm L x 41.4mm W x 19mm H)
- 2 year warranty
- Note: Dimming performance optimal at greater than 50% load. i.e. 6W+ for a 12W driver. So pick the right illuminous driver, 12W, 26W or 48W
- Best Dimmers ZOOZ zen27 S2 dimmer ver 3.0, Lutron Diva DV-600PR, Insteon Switchlinc 2477D, GE Z-Wave Wireless 12724. Lutron LG-600H





Note: Best Dimmers: Leviton Decora Sureslide 6631, Lutron Diva DV-600PR, Insteon Switchlinc 2477D, GE Z-Wave Wireless 12724. Lutron LG-600H  
 Note: Actual LIGHT (LUX) dimming level achieved is less than POWER dimming level, and a better indicator of real-life performance.

Flex Strip (EV-ST-NWP-WHT) Test with 12W Driver (EV-12V-2200-33D)					Flex	Lux	91% Load	Power	Flex	Lux	74% Load	Power
	Type	Driver	Length	Min Dim	Min Dim	Min Dim	Length	Min Dim	Min Dim			
Insteon	Swithlinc	2477D	L,C	12W	59	7%	4%	31	7%	3%		
GE	Z-Wave Wireless	12724	L,I,C	12W	59	5%	3%	31	7%	4%		
Leviton	Decora Sureslide	6631	I	12W	59	11%	6%	31	14%	7%		
Lutron	Lumea	LG-600H	I	12W	59	11%	6%	31	14%	8%		
Lutron	Diva	DV-600PR	I	12W	59	12%	7%	31	15%	8%		
Leviton	Decora	DSL06-1TW	L,I,C	12W	59	12%	7%	31	16%	9%		
Skylark	Skylink Home	WR-318	I,C	12W	59	13%	8%	31	18%	10%		
Leviton	Decora Vizia	VPI06-1LZ	I	12W	59	15%	9%	31	20%	11%		
Aspire		9530AW	I,H,M	12W	59	16%	10%	31	20%	11%		
Lutron	Skylark	SCL-153PR	L,I,C	12W	59	16%	9%	31	20%	11%		
Lutron	Diva	DVLV-600PH	M	12W	59	15%	9%	31	21%	12%		
Leviton	Decora iLLumaTech	IPL06	L,I,C	12W	59	15%	9%	31	25%	12%		
Lutro	Diva	DVWCL-153PH-WH	L,I,C	12W	59	16%	10%	31	21%	12%		
Lutron	Skylark	SLV-603P	M	12W	59	16%	10%	31	22%	12%		
Lutron	Maestro	MACL-153Mx-xx	L,I,C	12W	59	16%	10%	31	22%	12%		
Lutron	Caseta Wireless	PD-6WCL, P-PKG1W-WH-R	L,I,C	12W	59	19%	12%	31	23%	13%		
Leviton	Decora Sureslide	6674-P	L,I,C	12W	59	18%	11%	31	24%	14%		
Lutron	Diva	DVCL-153PR	L,I,C	12W	59	19%	11%	31	25%	14%		
Leviton	Decora Sureslide	6672	L,I,C	12W	59	26%	17%	31	32%	20%		
Leviton	Tabletop	TBL03	L,I,C	12W	59	26%	16%	31	33%	21%		
Lutron	Lumea	LGCL-153PLH	I,C	12W	59	33%	23%	31	43%	29%		
Lutron	Skylark Contour	CTCL-153PDH-WH	L,I,C	12W	59	41%	30%	31	52%	39%		
Flex Strip (EV-ST-NWP-WHT) Test with 26W Driver (EV-12V-2200-33D)					Flex	Lux	92% Load	Power	Flex	Lux	62% Load	Power
	Type	Driver	Length	Min Dim	Min Dim	Min Dim	Length	Min Dim	Min Dim			
GE	Z-Wave Wireless	12724	L,I,C	26W	120	6%	3%	59	10%	5%		
Insteon	Swithlinc	2477D	L,C	26W	120	14%	9%	59	10%	5%		
Leviton	Decora Sureslide	6631	I	26W	120	7%	4%	59	11%	6%		
Lutron	Diva	DV-600PR	I	26W	120	10%	6%	59	17%	9%		
Skylark	Skylink Home	WR-318	I,C	26W	120	13%	8%	59	20%	11%		
Lutron	Lumea	LG-600H	I	26W	120	13%	8%	59	20%	12%		
Leviton	Decora Vizia	VPI06-1LZ	I	26W	120	15%	9%	59	23%	13%		
Leviton	Decora	DSL06-1TW	L,I,C	26W	120	16%	9%	59	25%	14%		
Lutro	Diva	DVWCL-153PH-WH	L,I,C	26W	120	17%	10%	59	26%	15%		
Lutron	Maestro	MACL-153Mx-xx	L,I,C	26W	120	17%	10%	59	26%	15%		
Aspire		9530AW	I,H,M	26W	120	16%	10%	59	27%	16%		
Lutron	Caseta Wireless	PD-6WCL, P-PKG1W-WH-R	L,I,C	26W	120	18%	11%	59	27%	16%		
Lutron	Diva	DVLV-600PH	M	26W	120	18%	11%	59	27%	16%		
Lutron	Skylark	SCL-153PR	L,I,C	26W	120	18%	11%	59	29%	17%		
Leviton	Decora iLLumaTech	IPL06	L,I,C	26W	120	19%	11%	59	29%	17%		
Lutron	Skylark	SLV-603P	M	26W	120	19%	11%	59	29%	17%		
Lutron	Diva	DVCL-153PR	L,I,C	26W	120	21%	13%	59	33%	20%		
Leviton	Decora Sureslide	6674-P	L,I,C	26W	120	22%	13%	59	33%	20%		
Leviton	Tabletop	TBL03	L,I,C	26W	120	26%	17%	59	40%	26%		
Leviton	Decora Sureslide	6672	L,I,C	26W	120	27%	18%	59	42%	28%		
Lutron	Lumea	LGCL-153PLH	I,C	26W	120	33%	22%	59	48%	33%		
Lutron	Skylark Contour	CTCL-153PDH-WH	L,I,C	26W	120	39%	27%	59	56%	42%		
Flex Strip (EV-ST-NWP-WHT) Test with 48W Driver (EV-12V-4000-60D)					Flex	Lux	68% Load	Power	Flex	Lux	35% Load	Power
	Type	Driver	Length	Min Dim	Min Dim	Min Dim	Length	Min Dim	Min Dim			
Leviton	Decora Sureslide	6631	I	48W	196	10%	5%	59	10%	5%		
GE	Z-Wave Wireless	12724	L,I,C	48W	196	7%	5%	59	17%	9%		
Insteon	Swithlinc	2477D	L,C	48W	196	12%	7%	59	17%	9%		
Lutron	Diva	DV-600PR	I	48W	196	8%	5%	59	18%	10%		
Lutron	Lumea	LG-600H	I	48W	196	12%	8%	59	26%	15%		
Aspire		9530AW	I,H,M	48W	196	16%	10%	59	26%	15%		
Leviton	Decora	DSL06-1TW	L,I,C	48W	196	14%	9%	59	30%	18%		
Skylark	Skylink Home	WR-318	I,C	48W	196	15%	10%	59	32%	20%		
Leviton	Decora Vizia	VPI06-1LZ	I	48W	196	17%	11%	59	35%	22%		
Leviton	Decora iLLumaTech	IPL06	L,I,C	48W	196	18%	11%	59	37%	23%		
Lutro	Diva	DVWCL-153PH-WH	L,I,C	48W	196	19%	12%	59	38%	25%		
Lutron	Caseta Wireless	PD-6WCL, P-PKG1W-WH-R	L,I,C	48W	196	19%	12%	59	40%	26%		
Leviton	Decora Sureslide	6674-P	L,I,C	48W	196	21%	14%	59	43%	29%		
Lutron	Skylark	SCL-153PR	L,I,C	48W	196	22%	14%	59	45%	30%		
Lutron	Diva	DVLV-600PH	M	48W	196	22%	14%	59	45%	31%		
Lutron	Skylark	SLV-603P	M	48W	196	23%	15%	59	45%	31%		
Lutron	Maestro	MACL-153Mx-xx	L,I,C	48W	196	23%	15%	59	46%	32%		
Lutron	Diva	DVCL-153PR	L,I,C	48W	196	26%	17%	59	51%	37%		
Leviton	Tabletop	TBL03	L,I,C	48W	196	29%	20%	59	56%	42%		
Leviton	Decora Sureslide	6672	L,I,C	48W	196	31%	21%	59	58%	43%		
Lutron	Lumea	LGCL-153PLH	I,C	48W	196	37%	26%	59	69%	55%		
Lutron	Skylark Contour	CTCL-153PDH-WH	L,I,C	48W	196	51%	39%	59	89%	82%		



MR16 (EV-LED-MR16COB5W) Test with 12W Driver (EV-12V-2200-33D)					Qty of	90% Load		Qty of	64% Load	
			Type	Driver	MR16	Lux	Power	MR16	Lux	Power
						Min Dim	Min Dim		Min Dim	Min Dim
GE	Z-Wave Wireless	12724	L,I,C	12W	2	4%	3%	1	7%	4%
Insteon	Swithlinc	2477D	L,C	12W	2	6%	4%	1	11%	7%
Leviton	Decora Sureslide	6631	I	12W	2	9%	0%	1	13%	8%
Lutron	Diva	DV-600PR	I	12W	2	8%	6%	1	13%	8%
Leviton	Decora	DSL06-1TW	L,I,C	12W	2	11%	7%	1	16%	10%
Lutron	Lumea	LG-600H	I	12W	2	11%	7%	1	16%	10%
Skylark	Skylink Home	WR-318	I,C	12W	2	10%	8%	1	17%	11%
Leviton	Decora iLLumaTech	IPL06	L,I,C	12W	2	14%	9%	1	20%	13%
Leviton	Decora Vizia	VPI06-1LZ	I	12W	2	14%	9%	1	21%	13%
Aspire	Cooper	9530AW	I,H,M	12W	2	15%	10%	1	22%	14%
Lutron	Diva	DVLV-600PH	M	12W	2	15%	10%	1	22%	14%
Lutro	Diva	DVWCL-153PH-WH	L,I,C	12W	2	15%	10%	1	22%	15%
Lutron	Maestro	MACL-153Mx-xx	L,I,C	12W	2	15%	10%	1	23%	15%
Lutron	Skylark	SLV-603P	M	12W	2	16%	10%	1	23%	15%
Lutron	Skylark	SCL-153PR	L,I,C	12W	2	16%	10%	1	23%	15%
Lutron	Caseta Wireless	PD-6WCL, P-PKG1W-WH-R	L,I,C	12W	2	15%	10%	1	24%	16%
Leviton	Decora Sureslide	6674-P	I,L,C	12W	2	16%	11%	1	24%	16%
Lutron	Diva	DVCL-153PR	L,I,C	12W	2	18%	13%	1	27%	18%
Leviton	Tabletop	TBL03	L,I,C	12W	2	22%	15%	1	32%	21%
Leviton	Decora Sureslide	6672	L,I,C	12W	2	23%	16%	1	33%	23%
Lutron	Lumea	LGCL-153PLH	I,C	12W	2	32%	23%	1	46%	34%
Lutron	Skylark Contour	CTCL-153PDH-WH	L,I,C	12W	2	40%	30%	1	56%	44%
MR16 (EV-LED-MR16COB5W) Test with 26W Driver (EV-12V-2200-33D)					Qty of	94% Load		Qty of	57% Load	
			Type	Driver	MR16	Lux	Power	MR16	Lux	Power
						Min Dim	Min Dim		Min Dim	Min Dim
GE	Z-Wave Wireless	12724	L,I,C	26W	4	5%	3%	2	9%	5%
Leviton	Decora Sureslide	6631	I	26W	4	6%	4%	2	10%	6%
Insteon	Swithlinc	2477D	L,C	26W	4	8%	5%	2	14%	9%
Lutron	Diva	DV-600PR	I	26W	4	9%	6%	2	15%	10%
Lutron	Lumea	LG-600H	I	26W	4	12%	8%	2	20%	12%
Leviton	Decora Vizia	VPI06-1LZ	I	26W	4	14%	9%	2	23%	15%
Skylark	Skylink Home	WR-318	I,C	26W	4	13%	8%	2	21%	15%
Leviton	Decora	DSL06-1TW	L,I,C	26W	4	14%	9%	2	24%	16%
Lutro	Diva	DVWCL-153PH-WH	L,I,C	26W	4	15%	10%	2	25%	17%
Aspire	Cooper	9530AW	I,H,M	26W	4	16%	10%	2	26%	17%
Lutron	Maestro	MACL-153Mx-xx	L,I,C	26W	4	16%	11%	2	26%	17%
Leviton	Decora iLLumaTech	IPL06	L,I,C	26W	4	17%	11%	2	28%	19%
Lutron	Skylark	SCL-153PR	L,I,C	26W	4	18%	12%	2	30%	20%
Lutron	Diva	DVLV-600PH	M	26W	4	19%	12%	2	31%	21%
Lutron	Skylark	SLV-603P	M	26W	4	19%	13%	2	32%	22%
Leviton	Decora Sureslide	6674-P	I,L,C	26W	4	20%	13%	2	33%	22%
Lutron	Diva	DVCL-153PR	L,I,C	26W	4	22%	14%	2	35%	24%
Leviton	Tabletop	TBL03	L,I,C	26W	4	24%	16%	2	40%	28%
Leviton	Decora Sureslide	6672	L,I,C	26W	4	25%	17%	2	40%	28%
Lutron	Caseta Wireless	PD-6WCL, P-PKG1W-WH-R	L,I,C	26W	4	17%	11%	2	42%	30%
Lutron	Lumea	LGCL-153PLH	I,C	26W	4	31%	21%	2	49%	37%
Lutron	Skylark Contour	CTCL-153PDH-WH	L,I,C	26W	4	38%	27%	2	59%	46%
MR16 (EV-LED-MR16COB5W) Test with 48W Driver (EV-12V-4000-60D)					Qty of	85% Load		Qty of	62% Load	
			Type	Driver	MR16	Lux	Power	MR16	Lux	Power
						Min Dim	Min Dim		Min Dim	Min Dim
Insteon	Swithlinc	2477D	L,C	48W	6	6%	4%	4	8%	5%
GE	Z-Wave Wireless	12724	L,I,C	48W	6	6%	4%	4	8%	5%
Leviton	Decora Sureslide	6631	I	48W	6	7%	4%	4	9%	6%
Lutron	Diva	DV-600PR	I	48W	6	10%	7%	4	14%	9%
Lutron	Lumea	LG-600H	I	48W	6	15%	10%	4	21%	13%
Skylark	Skylink Home	WR-318	I,C	48W	6	15%	10%	4	21%	13%
Leviton	Decora Vizia	VPI06-1LZ	I	48W	6	18%	11%	4	26%	15%
Leviton	Decora	DSL06-1TW	L,I,C	48W	6	17%	11%	4	25%	16%
Aspire	Cooper	9530AW	I,H,M	48W	6	18%	12%	4	25%	16%
Lutro	Diva	DVWCL-153PH-WH	L,I,C	48W	6	19%	13%	4	26%	17%
Lutron	Maestro	MACL-153Mx-xx	L,I,C	48W	6	19%	12%	4	26%	17%
Lutron	Skylark	SCL-153PR	L,I,C	48W	6	19%	13%	4	26%	17%
Lutron	Caseta Wireless	PD-6WCL, P-PKG1W-WH-R	L,I,C	48W	6	20%	13%	4	28%	18%
Lutron	Skylark	SLV-603P	M	48W	6	20%	13%	4	27%	18%
Leviton	Decora iLLumaTech	IPL06	L,I,C	48W	6	21%	14%	4	29%	19%
Lutron	Diva	DVCL-153PR	L,I,C	48W	6	22%	15%	4	31%	21%
Lutron	Diva	DVLV-600PH	M	48W	6	19%	13%	4	33%	22%
Leviton	Decora Sureslide	6674-P	I,L,C	48W	6	25%	16%	4	34%	23%
Leviton	Tabletop	TBL03	L,I,C	48W	6	30%	20%	4	40%	28%
Leviton	Decora Sureslide	6672	L,I,C	48W	6	32%	22%	4	43%	30%
Lutron	Lumea	LGCL-153PLH	I,C	48W	6	38%	27%	4	52%	38%
Lutron	Skylark Contour	CTCL-153PDH-WH	L,I,C	48W	6	48%	36%	4	64%	50%

Note: Best Dimmers: Leviton Decora Sureslide 6631, Lutron Diva DV-600PR, Insteon Swithlinc 2477D, GE Z-Wave Wireless 12724. Lutron LG-600H  
Note: Actual LIGHT (LUX) dimming level achieved is less than POWER dimming level, and a better indicator of real-life performance.