

Visual Dimmer Testing Report Card

DATE TESTED 01/23/2023



Product Model # S12444, S12445, S12446

17 Watt; A21 LED; Frost Finish; Medium Base; 120 Volt

MANUFACTURER	MODEL	Dimmer Watts	NUMBER LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEADTRAVEL	L.E. DEADTRAVEL	STEPPED DIMMING	FLICKER	SHIMMER	AUDIABLE NOISE	DOES NOT TURN OFF/ON	POP/POP	POP/CRACK	MINI MAX LAMPS	Dimming %	Good	Better	Best	Notes: High trim required
2	Eaton	DAL06P-C2 ( Universal )	600	1	Pass								Caution		1	10		✓		
3	LUTRON	MA-PRO, RRD-PRO, HQRD-PRO, HQRA-PRO, ST-PRO-N, RRSST-PRO-N, HRST-PRO-N. (Phase Adaptive)	250/500	1	Pass										1	15			✓	
4	LUTRON	RCL-153PNL, DVCL-153P, AYCL-153P, SCL-153P, CTCL-153P, LECL-153P, TTCL-100H, DVCL-253P, AYCL-253P, NTCL-250, TGCL-153PH (Forward-Phase)	250	1	Pass										1	20		✓		Adjust Trim as need it
5	LEVITON	6672 (Forward-phase)	150/600	1	Pass										1	20		✓		Adjust Trim as need it
8	LEGRAND	ADTP703TU ( Adorn Tru Universal )	450	1	Pass										1	15	✓			
9	LEVITON	IPE04-1L (ELV)	450	1	Pass										1	20		✓		Adjust Trim as need it
10	LEVITON	6674, IPL06, DSL06, TSL06, ( Universal- Forward )	150	1	Pass										1	10		✓		
11	LEVITON	RNL06-10Z	150/600	1	Pass										1	15		✓		
13	LEVITON	DSM10, TSM10 Forward-Phase (MLV, LED, CFL, INC)	450/1000	1	Pass										1	20		✓		Adjust Trim as need it
	LUTRON	PD-5NE, MRF2S-6ELV (Electronic Reverse-Phase)	250/500	1	Fail										F	F				
15	LUTRON	MACL-153M, STCL-153M, MACL-LFQ, MSCL-OP153M (Forward-Phase)	150	1	Pass										1	10		✓		
17	StarFish/Satco	S11268 (Forward Phase)	150	1	Pass										1	20				Adjust Trim as need it
	Legrand	WWRL50WH (Forward-phase Toggle)	700	1	Pass										1	20				Adjust Trim as need it
18	LUTRON	CTRP-253P, DVRP-253P, NTRP-250 (Reverse-Phase)	250	1	Pass										1	20			✓	
20	LEVITON	DSE06-10Z ( ELV )	150	1	Pass										1	20		✓		
22	SATCO	86/103 Z-Wave ( Forward-Phase )	150	1	Pass										1	20	✓			
21	LEVITON	DDL06 (Universal - Forward-Phase)	300/600	1	Fail										F	F				
30	LUTRON	RRD-6CL RAdioRa (Forward-Phase)	450/1000	1	Pass										1	10		✓		
24	Legrand	RH703PTUTC (Universal, C.L, MLV, ELV)	700/450	1	Caution	Caution									1	30	✓			Not Recommended
25	Legrand	RHCL450PTC (Forward-Phase)	700/450	1	Caution	Caution									1	30	✓			Not Recommended
27	Eaton	TAL06P-C2 (Forward-Phase Toggle C.L.)	300/600	1	Pass										1	20		✓		
23	LUTRON	PD-6WCL, PD-10NXD, RRD-10D, RRD-6ND, RRD-H6BRL, HQRD-6ND, HQRD-10D, HQRD-10NBD, HQRD-HN6BRL, DVRF-6L (Smart Home Forward-Phase)	150	1	Pass										1	10	✓			
31	LEVITON	DSL06-1LZ (Forward-Phase)	300/600	1	Pass										1	20		✓		
32	LEVITON	66ELV (ELV)	300/600	1	Caution	Caution									1	30			✓	Not Recommended
34	LEVITON	DDMX1 (MLV, LED, INC, HLGN)	450/1000	1	Pass										1	20		✓		
35	Eaton	RF9640-ND (Universal, ELV, MLV, LED, INC)	300w/600	1	Pass										1	20		✓		
36	Eaton	VSUL06D (Universal, ELV, MLV, LED, INC)	300w/600	1	Pass										1	20		✓		
37	Eaton	SUF7 (Universal, ELV, INC, HLGN)	450/600/700	1	Pass										1	20		✓		
38	Eaton	DUL06P-C2 (Universal, ELV, MLV, LED, Inc)	300w/600	1	Pass										1	20		✓		
39	LEVITON	DW6HD, DH6HD, DG6HD, DZ6HD, DL6HD (Forward-Phase)	300w/600	1	Pass										1	20		✓		
40	Eaton	SAL06P Universal (ELV, MLV, LED)	300w/600	1	Pass										1	20		✓		
	LUTRON	PD-3PCL, MRF2-3LD, MRF2-3PD, RRD-3LD, RRD-3PD, HQR-3LD, HQR-3PD. (Electronic Lamp Dimmers)	100/300																	
41	Precision	MR4 2400 PLS 2-CH Control Adaptive Phase	1200/1200																	
42	Overdrive	ODMR0205 2-Channel control, 10-amps	600/600																	
	Power Factor	0.98	Unlike incandescent bulbs, LED's have electronic components inside of them that can make noise when the bulbs are on, especially when dimmed. ENERGY STAR requires 25 dB or less be emitted per bulb/fixture at 12 inches. The noise may be caused by a variety of reasons, but a small amount of noise isn't anything to worry about. An Electronic Low Voltage or Reverse-Phase dimmer like the Lutron DVRP-253P series will almost always silence noise from most LED products. (Neutral connection required)																	
	Volt	122.7	PLEASE NOTE: Compatibility list is based upon testing conducted in a lab simulated environment. Actual results may vary																	
	Watts	16.5																		
	Amps	0.137																		
	Frequency	60																		