

# Visual Dimmer Testing Report Card

TESTED 10/14/2022

Pass  
Caution  
Fail

Product Model #

S9620, S9621, S9622, S9623, S9624, S9627, S8578, S8579, S8492, S8596

MANUFACTURER	MODEL	Dimmer Watts	NUMBER LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	I.E. DEAD TRAVEL	L.E. DEAD TRAVEL	STEPPY DIMMING	FLICKER	SHIMMER	AUDIO NOISE	DOES NOT TURN OFF ON	POPCORN	POPCORN	MIN/MAX LAMPS	Dimming %	Good	Better	Best	Notes: High trim required
2	COOPER	DAL06P-C2 ( Universal )	600	1	Pass										1	10		✓		
3	LUTRON	MA-PRO, RRD-PRO, HQRD-PRO, HQRA-PRO, ST-PRO-N, RRST-PRO-N, HRST-PRO-N. (Phasd Adaptive)	250/500	1	Pass										1	10			✓	
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	15		✓		
5	LEVITON	6672 (Forward-phase)	150/600	1	Pass										1	20		✓		
8	LEGRAND	ADTP703TU ( Adorn Tru Universal )	450	1	Pass										1	10	✓			
9	LEVITON	IPE04-1L (ELV)	450	1	Pass										1	10		✓		
10	LEVITON	6674, IPL06, DSL06, TSL06,( Universal- Forward)	150	1	Pass										1	20		✓		
11	LEVITON	RNL06-10Z	150/600	1	Pass										1	10		✓		
13	LEVITON	DSM10, TSM10 Forward-Phase (MLV, LED, CFL, INC)	450/1000	1	Pass										1	20		✓		
	LUTRON	PD-5NE, MRF2S-6ELV (Electronic Reverse-Phase)	250/500	1	Fail										f	f				no dim
15	LUTRON	MACL-153M, STCL-153M, MACL-LFO, MSCL-OP153M (Forward-Phase)	150	1	Pass										1	10		✓		
17	StarFish/Satco	S11268 (Forward Phase)	150	1	Pass										1	10				
18	LUTRON	CTRP-253P, DVRP-253P, NTRP-250 (Reverse-Phase)	250	1	Pass										1	10			✓	
20	LEVITON	DSE06-10Z ( ELV )	150	1	Pass										1	10		✓		
22	SATCO	86/103 Z-Wave ( Forward-Phase )	150	1	Pass										1	10	✓			
21	LEVITON	DDL06 (Universal - Forward-Phase)	300/600	1	Fail										f	f				no power
30	LUTRON	RRD-6CL RadioRa (Forward-Phase)	450/1000	1	Pass										1	10		✓		
24	Legrand	RH703PTUTC (Universal, C.L, MLV, ELV)	700/450	1	Pass										1	20	✓			
25	Legrand	RHCL450PTC (Forward-Phase)	700/450	1	Pass										1	10		✓		
27	COOPER	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. (Smart Home Forward-Phase)	150	1	Pass										1	10	✓			
31	LEVITON	DSL06-1LZ (Forward-Phase)	300/600	1	Pass										1	20		✓		low hum
32	LEVITON	66ELV (ELV)	300/600	1	Pass										1	30			✓	
34	LEVITON	DDMX1 (MLV, LED, INC, HLGN)	450/1000	1	Pass										1	10		✓		
35	COOPER	RF9640-ND (Universal, ELV, MLV, LED, INC)	300w/600	1	Pass										1	10		✓		
36	COOPER	VSUL06D (Universal, ELV, MLV, LED, INC)	300w/600	1	Pass										1	10		✓		
37	COOPER	SUF7 (Universal, ELV, INC, HLGN)	450/600/700	1	Pass										1	10		✓		
38	COOPER	DUL06P-C2 (Universal, ELV, MLV, LED, Inc)	300w/600	1	Pass										1	10		✓		
39	LEVITON	DW6HD, DH6HD, DG6HD, DZ6HD, DL6HD (Forward-Phase)	300w/600	1	Pass										1	10	✓			
40	COOPER	SAL06P Universal (ELV, MLV, LED)	300w/600	1	Pass										1	20	✓			
	LUTRON	PD-3PCL, MRF2-3LD, MRF2-3PD, RRD-3LD, RRD-3PD,m 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	0.949		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) PLEASE NOTE: Compatibility list is based upon testing conducted in a lab simulated environment. Actual results may vary																
	Volt	124.1																		
	Watts	8.57																		
	Amps	0.072																		
	Frequency	60																		