

Visual Dimmer Testing Report Card

DATE TESTED 02/04/2022



Product Model # S21296, S21297, S21298, S21299, S21300, S21301, S21302, S21303

4-Watts CA11 Clear & Frosted E12/120V

MANUFACTURER	MODEL	Dimmer Watts	NUMBER LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEADTRAVEL	L.E. DEADTRAVEL	STEPPING/DIMMING	FLICKER	SHIMMER	AUDIO/BUZZING	DOES NOT TURN OFF ON	POPCORN	MIN/MAX LAMPS	Dimming %	Good	Better	Best	Notes: High trim required
2	COOPER	DAL06P-C2 (Universal)	600	5	Pass									1	15	✓			
3	LUTRON	MA-PRO (Adaptive-Phase)	250/500	5	Pass									1	10			✓	
4	LUTRON	RCL-153PNL (Forward-phase)	250	5	Pass									1	10		✓		
5	LEVITON	6672 (Forward-phase)	150/600	5	Pass									1	10		✓		
6	LUTRON	AYCL-153P (Forward-Phase) Toggle Type	150	5	Pass									1	15		✓		
7	LUTRON	LECL-153PH (Fprward-Phase) Luneia (C.L)	150	5	Pass									1	15		✓		
8	LEGRAND	ADTP703TU (Adom Tru Universal)	450	5	Caution									2	20	✓			Minimum 2-Lamps
9	LEVITON	IPE04-1L (ELV)	450	5	Pass									1	20	✓			
10	LEVITON	6674, IPL06, DSL06, TSL06,(Univeral- Forwar	150	5	Pass									1	10		✓		
11	LEVITON	RNL06-10Z	150/600	5	Pass									1	10		✓		
12	LUTRON	RRD-PRO (Reverse-Phase)	250	5	Pass									1	10			✓	
13	LEVITON	DSM10, TSM10 Forward-Phase (MLV, LED, CF	450/1000	5	Pass									1	15	✓			
14	LUTRON	DVCL-153P (Forward-Phase) Diva (C.L)	150	5	Pass									1	15		✓		
15	LUTRON	MACL-153M (Forward-Phase) Maesteo (C.L)	150	5	Pass									1	10		✓		
16	LUTRON	NTCL-250 NovaT (Forward-Phase)	250	5	Pass									1	10			✓	
17	StarFish/Satco	S11268 (Forward Phase)	150	5	Pass									1	10		✓		
18	LUTRON	CTRP-253P (Reverse-Phase)	250	5	Pass									1	10			✓	
18	LUTRON	MSCL-OP153M Forward-Phase MA(C.L OCS)	150	5	Pass									1	10		✓		
20	LEVITON	DSE06-10Z (ELV)	150	5	Caution									1	15	✓			
21	LEVITON	DDL06 (Universal - Forward-Phase)	300/600	5	Fail									1	F	F			
22	SATCO	86/103 Z-Wave (Forward-Phase)	150	5	Pass									1	10		✓		
23	LUTRON	RRD-6CL (RA C.L Forward-Phase)	150	5	Pass									1	10		✓		
24	Legrand	RH703PTUTC (Universal, C.L, MLV, ELV)	700/450	5	Caution									2	10	✓			Minimum 2-Lamps
25	Legrand	RHCL450PTC (Forward-Phase)	700/450	5	Pass									1	10		✓		
26	LUTRON	DVRP-253P (Reverse-Phase)	250	5	Pass									1	10			✓	
27	COOPER	TAL06P-C2 (Forward-Phase Toggle C.L)	300/600	5	Caution									2	15	✓			Minimum 2-Lamps
29	LUTRON	PD-6WCL Caseta (Forward-Phase)	150/600	5	Pass									1	10		✓		
30	LUTRON	PD-10WX Caseta (Forward-Phase)	450/1000	5	Pass									1	10		✓		
31	LEVITON	DSL06-1LZ (Forward-Phase)	300/600	5	Pass									1	15		✓		
32	LEVITON	66ELV (ELV)	300/600	5	Fail									5	10	F			Minimum 5-Lamps
33	LUTRON	NTRP-250 (Reverse-Phase)	250	5	Pass									1	10			✓	
34	LEVITON	DDMX1 (MLV, LED, INC, HLGN)	450/1000	5	Pass									1	10		✓		
35	COOPER	RF9640-ND (Universal, ELV, MLV, LED, INC)	300w/600	5	Pass									1	10		✓		
36	COOPER	VSUL06D (Universal, ELV, MLV, LED, INC)	300w/600	5	Pass									1	10		✓		
37	COOPER	SUF7 (Universal, ELV, INC, HLGN)	450/600/700	5	Pass									1	10		✓		
38	COOPER	DUL06P-C2 (Universal, ELV, MLV, LED, Inc)	300w/600	5	Pass									1	15		✓		
39	LEVITON	DW6HD, DH6HD, DG6HD, DZ6HD, DL6HD (Forward-Phase)	300w/600	5	Pass									1	10		✓		
40	COOPER	SAL06P Universal (ELV, MLV, LED)	300w/600	5	Caution									2	10	✓			Minimum 2-Lamps
41	Precision	MR4 2400 PLS 2-CH Control Adaptive Phase	1200/1200																
42	Overdrive	ODMR0205 2-Channel control, 10-amps	600/600																
Power Factor		0.745																	
Volt		123.8V																	
Watts		3.03W																	
Amps		0.033A																	
Frequency		60Hz																	

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