

Visual Dimmer Testing Report Card

DATE TESTED 09/30/2021



Product Model # S11222, S11223

10w/LED/T3/118MM/3K, 4K/120V

MANUFACTURER	MODEL	Dimmer Watts	NUMBER LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEADTRAVEL	L.E. DEADTRAVEL	STEP/STROBING	FLICKER	SHIMMER	AUDIBLE 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	2	Fail				Fail						1	15	F				Min two-Lamps	
3	LUTRON MA-PRO (250 LED, 500 ELV)	250/500	2	Pass										1	15	✓					
4	LUTRON RCL-153PNL (Forward-phase)	250	2	Pass										1	10		✓				
5	LUTRON PD-5NE Caseta (ELV)	500	2	Fail							Fail			1	F	F					
6	LUTRON AYCL-153P Ariadni (Toggle)	150	2	Pass										1	10			✓			
7	LUTRON LECL-153PH Lunea (C.L)	150	2	Pass										1	10			✓			
8	LEGRAND ADTP703TU (Adorn Tru Universal)	450	2	Pass										1	20	✓					
9	LEVITON IPE04-1L (ELV)	450	2	Pass										1	15			✓			
10	LEVITON 6674 (Univeral LED - Forward)	150	2	Pass										1	15			✓			
11	LEVITON IPL06 (Universal Led - Forward)	150	2	Pass										1	15			✓			
12	LUTRON RRD-PRO (Reverse-Phase)	250	2	Pass										1	15				✓		
13	LEVITON DSM10 (MLV, LED, CFL, INC)	450/1000	2	Fail							Fail			1	15	F					
14	LUTRON DVCL-153P Diva (C.L)	150	2	Fail					Fail					1	15	F				Min two-Lamps	
15	LUTRON MACL-153M Maesteeo (C.L)	150	2	Pass										1	15			✓			
16	LUTRON NTCL-250 NovaT (C.L)	250	2	Pass										1	15			✓			
17	StarFish/Satco S11268 (Forward Phase)	150	2	Caution			Yellow							1	20	F					
18	LUTRON CTRP-253P (Reverse-Phase)	250	2	Pass										1	10				✓		
18	LUTRON MSCL-OP153M Maestro (C.L OCS)	150	2	Pass										1	10			✓			
20	LEVITON DSE06-10Z (ELV)	150	2	Pass										1	15	✓					
22	SATCO 86/103 Z-Wave (Forward)	150	2	Fail							Fail			1	F	F					
23	LUTRON RRD-6CL (RA C.L Forward)	150	2	Pass										1	15			✓			
24	Legrand RH703PTUTC	700/450	2	Pass										1	20	✓					
25	Legrand RHCL450PTC	700/450	2	Pass										1	20	✓					
26	LUTRON CTRP,DVRP-253P (Reverse-Phase)	250	2	Pass										1	15				✓		
27	COOPER TAL06P-C2 (Toggle C.L.)	300/600	2	Fail				Fail						1	F	F					
28	LEVITON TSM10 (MLV, Toggle)	450/1000	2	Fail				Fail						1	F	F					
29	LUTRON PD-6WCL Caseta (C.L)	150/600	2	Pass										1	10			✓			
30	LUTRON PD-10WX (Caseta (C.L)	450/1000	2	Fail							Fail			1	F	F					
31	LEVITON DSL06-1LZ (Forward)	300/600	2	Pass										1	15			✓			
32	LEVITON 66ELV (ELV)	300/600	2	Pass										1	15			✓			
33	LUTRON NTRP-250 (Reverse-Phase)	250	2	Pass										1	15			✓			
34	LEVITON DDMX1 (MLV, LED, INC, HLGN)	450/1000	2	Pass										1	15			✓			
35	COOPER RF9640-ND (Universal, ELV, MLV, LED, INC)	300w/600	2	Pass										1	15			✓			
36	COOPER VSUL06D (Universal, ELV, MLV, LED, INC)	300w/600	2	Pass										1	15			✓			
37	COOPER SUF7 (Universal, ELV, INC, HLGN)	450/600/700	2	Caution			Yellow							1	20	✓					
38	COOPER DUL06P-C2 (Universal, ELV, MLV, LED, In	300w/600	2	Pass										1	20	✓					
39	LEVITON DW6HD (Forward)	300w/600	2	Pass										1	15			✓			
40	COOPER SAL06P (ELV, MLV, LED, INC, HLGN)	300w/600	2	Fail							Fail			1	F	F					
41	Precision MR4 2400 PLS 2-CH Control Adaptive Phat	1200/1200																			
42	Overdrive ODMR0205 2-Channel control, 10-amps	600/600																			

Power Factor	0.798
Volt	122.3
Watts	7.9
Amps	0.181
Frequency	60

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 dimmer like the Lutron DVELV-300P series will almost always silence noise from most LED products. (Neutral connection required)