Visual Dimmer Testing Report Card

DATE TESTED 09/09/2021

✓

Pass
Caution
Fail

✓

Product Model # 63/500, 63/501, 63/502, 63/503, 63/504

CCT Selectable Under Cabinet Lights Hi-Lo Switch

	MANUFACTURER	MODEL	Dimmer Watts	NUMBER LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEADTRAVEL	L.E. DEADTRAVEL	STEPPY DIMMING	FLICKER	SHIMMER	AUDIBLE NOISE	DOES NOT TURN OFF/ ON	POPON	POPCORN	MIN/MAX LAMPS	Dimming %	Good	Better	Best	Notes : High trim required
2	COOPER	DAL06P-C2 (Universal)	*600*	5	Fail											1	40	F			
3	LUTRON	**MA-PRO** (250 LED, 500 ELV)	*250/500*	5	Pass											1	20	✓			Pre-set as need it
4	LUTRON	RCL-153PNL (Forward-phase)	*250*	5	Pass											1	20	✓			Pre-set as need it
5	LUTRON	PD-5NE Caseta (ELV)	*500*	5	Caution											1	25	✓			Nor Safety Listed for LED Loads
6	LUTRON	AYCL-153P Ariadni (Toggle)	150	5	Pass											1	20	✓			Adjust Trim as need it.
7	LUTRON	LECL-153PH Lunea (C.L)	150	5	Pass											1	20	✓			Adjust Trim as need it.
8	LEGRAND	ADTP703TU (Adorn Tru Universal)	450	5	Fail											1	F	F			
9	LEVITON	**IPE04-1L (ELV)**	*450*	5	Pass											1	20	✓			Adjust Trim as need it.
10	LEVITON	6674 (Univeral LED - Forward)	*150*	5	Pass											1	20	✓			Adjust Trim as need it.
11	LEVITON	IPL06 (Universal Led - Forward)	*150*	5	Pass											1	20	✓			Adjust Trim as need it.
12	LUTRON	RRD-PRO (Reverse-Phase)	*250*	5	Pass											1	20	✓			Adjust Trim as need it.
13	LEVITON	**DSM10** (MLV, LED, CFL, INC)	*450/1000*	5	Fail											1	F	F			Strobes
14	LUTRON	DVCL-153P Diva (C.L)	150	5	Pass											1	20	✓			Adjust Trim as need it.
15	LUTRON	MACL-153M Maesteo (C.L)	*150*	5	Pass											1	20	✓			Adjust Trim as need it.
16	LUTRON	NTCL-250 NovaT (C.L)	*250*	5	Pass											1	20	✓			Adjust Trim as need it.
17	StarFish/Satco	S11268 (Forward Phase)	*150*	5	Pass											1	20	✓			Adjust Trim as need it.
18	LUTRON	SELV/DVELV-300 Skylark (ELV)	*150*	5	Caution											1	20	✓			Nor Safety Listed for LED Loads
18	LUTRON	MSCL-OP153M Maestro (C.L OCS)	*150*	5	Pass											1	20	✓			Adjust Trim as need it.
20	LEVITON	DSE06-10Z (ELV)	*150*	5	Pass											1	20	✓			Adjust Trim as need it.
22	SATCO	86/103 Z-Wave (Forward)	150	5	Fail											1	40	F			
23	LUTRON	RRD-6CL (RA C.L Forward)	*150*	5	Caution											1	30	C			
24	Legrand	RH703PTUTC	*700/450*	5	Pass											1	20	✓			Adjust Trim as need it.
25	Legrand	RHCL450PTC	*700/450*	5	Pass											1	20	✓			Adjust Trim as need it.
26	LUTRON	CTRP,DVRP-253P (Reverse-Phase)	*250*	5	Pass											1	20	✓			Adjust Trim as need it.
27	COOPER	TAL06P-C2 (Toggle C.L)	*300/600*	5	Fail											1	40	F			
28	LEVITON	**TSM10 (MLV, Toggle)**	*450/1000*	5	Fail											1	40	F			
29	LUTRON	PD-6WCL Caseta (C.L)	*150/600*	5	Caution											1	30	C			
30	LUTRON	PD-10WX (Caseta (C.L)	*450/1000*	5	Caution											1	20	C			
31	LEVITON	DSL06-1LZ (Forward)	*300/600*	5	Pass											1	20	✓			Adjust Trim as need it.
32	LEVITON	**66ELV (ELV)**	*300/600*	5	Fail											1	40	F			
33	LUTRON	NTRP-250 (Reverse-Phase)	*250*	5	Pass											1	20	✓			Pre-set as need it
34	LEVITON	**DDMX1** (MLV, LED, INC, HLGN)	*450/1000*	5	Pass											1	20	✓			Adjust Trim as need it.
35	COOPER	**RF9640-ND** (Universal, ELV, MLV, LED,INC)	*300w/600*	5	Pass											1	20	✓			Adjust Trim as need it.
36	COOPER	**VSUL06D** (Universal, ELV, MLV, LED, INC)	*300w/600*	5	Pass											1	20	✓			Adjust Trim as need it.
37	COOPER	SUF7 (Universal, ELV, INC, HLGN)	*450/600/700*	5	Pass											1	20	✓			Adjust Trim as need it.
38	COOPER	**DUL06P-C2** (Universal, ELV, MLV, LED, Inc)	*300w/600*	5	Pass											1	20	✓			Adjust Trim as need it.
39	LEVITON	DW6HD (Forward)	*300w/600*	5	Pass											1	20	✓			Adjust Trim as need it.
40	COOPER	SAL06P (ELV, MLV, LED, INC, HLGN)	*300w/600*	5	Pass											1	20	✓			Adjust Trim as need it.
41	Precision	MR4 2400 PLS 2-CH Control Adaptive Phase	*1200/1200*																		
42	Overdrive	ODMR0205 2-Channel control, 10-amps	600/600																		

65/500	PF0.976; Volts 122.2; Current 0.045A; Frequence 60Hz	
65/501	PF 0971; Volts 121.4; Current 0.057A; Frequence 60Hz	
65/502	PF 0.959; Volts 121.0; Current 0.084A; Frequence 60Hz	
65/503	PF 0.957; Volts 121.8; Curremt 0.120A; Frequence 60Hz	
65/504	PF 0.946; Volts 121.8; Current 0.162A; Frequence 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 dimmer like the Lutron DVELV-300P series will almost always silence noise from most LED products. (Neutral connection required)