Visual Dimmer Testing Report Card

DATE TESTED 01/23/20223 ✓

Pass / Caution / Fail

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	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	Eaton	**DAL06P-C2 (Universal)**	*600*	1	Pass									Caution		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	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,(Univeral- 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,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	**0.98**	
Volt	**122.7**	
Watts	**16.5**	
Amps	**0.137**	
Frequence	**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 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