

Visual Dimmer Testing Report Card

TESTED / /



Product Model # s21871-s21874

MANUFACTURER	MODEL	Dimmer Watts	NUMER/LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEADTRAVEL	L.E. DEADTRAVEL	STEPP/DIMMING	FLICKER	SHIMMER	AUDIO/NOISE	DOESNOT TURN OFF/ON	POPCORN	POPCORN	MIN/MAX LAMPS	Dimming %	Good	Better	Best	Note: High trim required
2	Eaton	DAL06P-C2 (Universal)	600	2	Caution								Caution		2	10				not recommended
3	LUTRON	MA-PRO, RRD-PRO, HQRD-PRO, HQRA-PRO, ST-PRO-N, RRST-PRO-N, HRST-PRO-N (Phase Adaptive)	250/500	2	Pass										1	10				adjust trim as needed
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	2	Pass										1	10				adjust trim as needed
5	LEVITON	6672 (Forward-phase)	150/600	2	Pass										1	10				adjust trim as needed
8	LEGRAND	ADTP703TU (Adorn Tru Universal)	450	2	Fail				Fail						F	F				
9	LEVITON	IPE04-1L (ELV)	450	2	Fail	Fail									F	F				
10	LEVITON	6674, IPL06, DSL06, TSL06, (Universal- Forward)	150	2	Pass										1	15				adjust trim as needed
11	LEVITON	RNL06-10Z	150/600	2	Pass										1	20				adjust trim as needed
13	LEVITON	DSM10, TSM10 Forward-Phase (MLV, LED, CFL, INC)	450/1000	2	Pass										1	10				adjust trim as needed
	LUTRON	PD-5NE, MRF2S-6ELV (Electronic Reverse-Phase)	250/500	2	Fail	Fail									F	F				
15	LUTRON	MACL-153M, STCL-153M, MACL-LFQ, MSCL-OP153M (Forward-Phase)	150	2	Pass										1	10				adjust trim as needed
17	StarFish/Satco	S11268 (Forward Phase)	150	2	Pass										1	15				adjust trim as needed
	Legrand	WWRL50WH (Forward-phase Toggle)	700	2	Pass										1	10				adjust trim as needed
18	LUTRON	CTRP-253P, DVRP-253P, NTRP-250 (Reverse-Phase)	250	2	Pass										1	15				adjust trim as needed
20	LEVITON	DSE06-10Z (ELV)	150	2	Pass										1	15				adjust trim as needed
22	SATCO	86/103 Z-Wave (Forward-Phase)	150	2	Pass										1	15				adjust trim as needed
21	LEVITON	DDL06 (Universal - Forward-Phase)	300/600	2	Fail							Fail			F	F				
30	LUTRON	RRD-6CL RadioRa (Forward-Phase)	450/1000	2	Pass										1	10				adjust trim as needed
24	Legrand	RH703PTUTC (Universal, C.L, MLV, ELV)	700/450	2	Fail							Fail			F	F				
25	Legrand	RHCL450PTC (Forward-Phase)	700/450	2	Pass										1	15				adjust trim as needed
27	Eaton	TAL06P-C2 (Forward-Phase Toggle C.L.)	300/600	2	Caution								Caution		2	15				not recommended
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	2	Pass										1	10				adjust trim as needed
31	LEVITON	DSL06-1LZ (Forward-Phase)	300/600	2	Caution										2	15				not recommended
32	LEVITON	66ELV (ELV)	300/600	2	Fail	Fail									F	F				
34	LEVITON	DDMX1 (MLV, LED, INC, HLGN)	450/1000	2	Pass										1	10				adjust trim as needed
35	Eaton	RF9640-ND (Universal, ELV, MLV, LED, INC)	300w/600	2	Pass										1	20				adjust trim as needed
36	Eaton	VSUL06D (Universal, ELV, MLV, LED, INC)	300w/600	2	Pass										1	10				adjust trim as needed
37	Eaton	SUF7 (Universal, ELV, INC, HLGN)	450/600/700	2	Pass										1	15				adjust trim as needed
38	Eaton	DUL06P-C2 (Universal, ELV, MLV, LED, Inc)	300w/600	2	Pass										1	10				adjust trim as needed
39	LEVITON	DW6HD, DH6HD, DG6HD, DZ6HD, DL6HD (Forward-Phase)	300w/600	2	Pass										1	10				adjust trim as needed
40	Eaton	SAL06P Universal (ELV, MLV, LED)	300w/600	2	Caution										2	15				not recommended
	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	0.755																		
	Volt	122.7																		
	Watts	4.26																		
	Amps	0.046																		
	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 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