

Visual Dimmer Testing Report Card

TESTED 10/27/2022

Pass
Caution
Fail

Product Model # S12447, S12448, S12449

18.5w A21 LED Frosted Lamp 3000k, 4000K, 5000K

MANUFACTURER	MODEL	Dimmer Watts	NUMBER OF CAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEAD TRAVEL	L.E. DEAD TRAVEL	STEPPY DIMMING	FLICKER	SHIMMER	AUDIBLE NOISE	DOES NOT TURN OFF/ON	POPCORN	POPCORN	MIN/MAX LAMPS	Dimming %	Good	Beater	Best	Notes: High firm required
EATON	DAL06P-C2 (Universal)	600	2	Pass											1	10		✓		
LUTRON	MA-PRO, RRD-PRO, HQRD-PRO, HQRA-PRO, ST-PRO-N, RRST-PRO-N, HRST-PRO-N, (Phasd Adaptive)	250/500	2	Pass											1	10			✓	Safe- dB
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		✓		Safe- dB
LEVITON	6672 (Forward-phase)	150/600	2	Pass											1	10		✓		Safe- dB
LEGRAND	ADTP703TU (Adorn Tru Universal)	450	2	Pass											1	10	✓			
LEVITON	IPE04-1L (ELV)	450	2	Pass											1	10		✓		
LEVITON	6674, IPL06, DSL06, TSL06,(Universal- Forward)	150	2	Pass											1	10		✓		while dimming
LEVITON	RNL06-10Z	150/600	2	Pass											1	10		✓		Safe- dB
LEVITON	DSM10, TSM10 Forward-Phase (MLV, LED, CFL, INC)	450/1000	2	Pass											1	10		✓		Safe- dB
LUTRON	PD-SNE, MRF2S-6ELV (Electronic Reverse-Phase)	250/500	2	Fail											f	f				no dim
LUTRON	MACL-153M, STCL-153M, MACL-LFQ, MSCL-OP153M (Forward-Phase)	150	2	Pass											1	10		✓		Safe- dB
StarFish/Satco	S11268 (Forward Phase)	150	2	Pass											1	10				while dimming
LUTRON	CTRP-253P, DVRP-253P, NTRP-250 (Reverse-Phase)	250	2	Pass											1	10			✓	
LEVITON	DSE06-10Z (ELV)	150	2	Pass											1	10		✓		
SATCO	86/103 Z-Wave (Forward-Phase)	150	2	Pass											1	10	✓			Safe- dB
LEVITON	DDL06 (Universal - Forward-Phase)	300/600	2	Fail											f	f				no power
LUTRON	RRD-6CL RadioRa (Forward-Phase)	450/1000	2	Pass											1	10		✓		Safe- dB
Legrand	RH703PTUTC (Universal, C.L, MLV, ELV)	700/450	2	Pass											1	10	✓			Safe- dB
Legrand	RHCL450PTC (Forward-Phase)	700/450	2	Pass											1	10		✓		Safe- dB
EATON	TAL06P-C2 (Forward-Phase Toggle C.L.)	300/600	2	Pass											1	10		✓		Safe- dB
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	✓			
LEVITON	DSL06-1LZ (Forward-Phase)	300/600	2	Pass											1	10		✓		Safe- dB
LEVITON	66ELV (ELV)	300/600	2	Pass											1	10			✓	
LEVITON	DDMX1 (MLV, LED, INC, HLGN)	450/1000	2	Pass											1	10		✓		Safe- dB
EATON	RF9640-ND (Universal, ELV, MLV, LED, INC)	300w/600	2	Pass											1	10		✓		Safe- dB
EATON	VSUL06D (Universal, ELV, MLV, LED, INC)	300w/600	2	Pass											1	10		✓		Safe- dB
EATON	SUF7 (Universal, ELV, INC, HLGN)	450/600/700	2	Pass											1	10		✓		
EATON	DUL06P-C2 (Universal, ELV, MLV, LED, Inc)	300w/600	2	Pass											1	10		✓		
LEVITON	DW6HD, DH6HD, DG6HD, DZ6HD, DL6HD (Forward-Phase)	300w/600	2	Pass											1	10	✓			Safe- dB
EATON	SAL06P Universal (ELV, MLV, LED)	300w/600	2	Pass											1	10	✓			Safe- dB
LUTRON	PD-3PCL, MRF2-3LD, MRF2-3PD, RRD-3LD, RRD-3PD,m HQR-3LD, HQR-3PD. (Electronic Lamp Dimmers)	100/300																		
Precision	MR4 2400 PLS 2-CH Control Adaptive Phase	1200/1200																		
Overdrive	ODMR0205 2-Channel control, 10-amps	600/600																		
Power Factor	0.984			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																
Volt	123.1																			
Watts	18.16																			
Amps	0.149																			
Frequency	60																			