

Visual Dimmer Testing Report Card

TESTED / /

Pass
Caution
Fail

Product Model # s39312-S39315

leedarsen downlight

MANUFACTURER	MODEL	Dimmer Watts	NUMBER LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEADTRAVEL	L.E. DEADTRAVEL	STEPPY DIMMING	FLOKER	SHIMMER	AUDIBLE NOISE	DOES NOT TURN OFF/ON	POPCORN	POPCORN	MIN/MAX LAMPS	Dimming %	Good	Better	Best	Notes: High trim required
2	Eaton	DAL06P-C2 (Universal)	600	1	Pass					Caution					1	10		✓		at low dim
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	10			✓	
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	10		✓		
5	LEVITON	6672 (Forward-phase)	150/600	1	Pass										1	10		✓		
8	LEGRAND	ADTP703TU (Adorn Tru Universal)	450	1	Pass										1	10	✓			
9	LEVITON	IPE04-1L (ELV)	450	1	Pass										1	20		✓		
10	LEVITON	6674, IPL06, DSL06, TSL06,(Univeral- Forward)	150	1	Pass								Caution		1	10		✓		
11	LEVITON	RNL06-10Z	150/600	1	Pass										1	10		✓		
13	LEVITON	DSM10, TSM10 Forward-Phase (MLV, LED, CFL, INC)	450/1000	1	Pass										1	20		✓		
	LUTRON	PD-5NE, MRF2S-6ELV (Electronic Reverse-Phase)	250/500	1	Fail	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	10				
	Legrand	WWRL50WH (Forward-phase Toggle)	700	1	Pass										1	10				
18	LUTRON	CTRP-253P, DVRP-253P, NTRP-250 (Reverse-Phase)	250	1	Pass										1	10			✓	
20	LEVITON	DSE06-10Z (ELV)	150	1	Pass										1	20		✓		
22	SATCO	86/103 Z-Wave (Forward-Phase)	150	1	Pass										1	10	✓			
21	LEVITON	DDL06 (Universal - Forward-Phase)	300/600	1	Fail							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	Fail	Fail									F	F	✓			
25	Legrand	RHCL450PTC (Forward-Phase)	700/450	1	Pass										1	10		✓		
27	Eaton	TAL06P-C2 (Forward-Phase Toggle C.L)	300/600	1	Pass								Caution		1	10		✓		
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	10		✓		
32	LEVITON	66ELV (ELV)	300/600	1	Caution	Caution									1	30			✓	
34	LEVITON	DDMX1 (MLV, LED, INC, HLGN)	450/1000	1	Pass										1	10		✓		
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	10		✓		
37	Eaton	SUF7 (Universal, ELV, INC, HLGN)	450/600/700	1	Pass										1	10		✓		
38	Eaton	DUL06P-C2 (Universal, ELV, MLV, LED, Inc)	300w/600	1	Pass										1	10		✓		
39	LEVITON	DW6HD, DH6HD, DG6HD, DZ6HD, DL6HD (Forward-Phase)	300w/600	1	Pass										1	10	✓			
40	Eaton	SAL06P Universal (ELV, MLV, LED)	300w/600	1	Pass								Caution		1	10	✓			
	LUTRON	PD-3PCL, MRF2-3LD, MRF2-3PD, RRD-3LD, RRD-3PD, 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	0.924		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	122.8																		
	Watts	7.75																		
	Amps	0.068																		
	Frequence	60																		