

Visual Dimmer Testing Report Card

DATE TESTED 9/10/2020

Pass

Caution

Fail

✓

Product Model # S21541, S29650, S29651, S29652, S29691

25w 13" Flush Mount Gen2

MANUFACTURER	MODEL	DIMMER MAX WATT RATING	NUMBER LAMPS 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	Min Dimming percentage	Good	Better	Best	Notes: High rtd trim required
0 LUTRON	NTRP-250 NovaT (Reverse Phase)	250	1	Pass										1	10				✓	
1 COOPER	DAL06P-C2 (Universal)	600	1	Fail										1	F	✗				
2 LUTRON	MAELV-600 Maestro (ELV)	600	1	Pass										1	10				✓	
3 LUTRON	PD-5NE Caseta (ELV)	500	1	Pass										1	5				✓	
4 LUTRON	AYCL-153P Ariadni (Toggle)	150	1	Pass										1	5		✓			
5 LUTRON	LECL-153PH Luneia (C.L)	150	1	Pass										1	5		✓			
6 LEGRAND	ADTP703TU (Adorn Tru Universal)	450	1	Pass										1	10				✓	
7 LEVITON	6674 (Univeral Led Set to Led)	150	1	Pass										1	15		✓			
8 LEVITON	IPL06 (Universal Led)	150	1	Pass										1	10		✓			
9 LUTRON	RRD-6-NA (RA ELV) 600w	600	1	Pass										1	10				✓	
10 LUTRON	DVCL-153P Diva (C.L)	150	1	Pass										1	5				✓	
11 LUTRON	MACL-153M Maesteo (C.L)	150	1	Pass										1	10		✓			
12 LUTRON	NTCL-250 NovaT (C.L)	250	1	Pass										1	5				✓	
13 LUTRON	SLV-600P Skylark (MLV)	150	1	Pass										1	5		✓			
13 LUTRON	DVLV-600P Diva (MLV)	160	1	Pass										1	5		✓			
14 LUTRON	SELV-300 Skylark (ELV)	150	1	Pass										1	10				✓	
14 LUTRON	DVELV-300P Diva (ELV)	300	1	Pass										1	10				✓	
15 LUTRON	MSCL-OP153M Maestro (C.L OCS)	150	1	Pass										1	15		✓	Adjust Trim as need it.		
16 LEVITON	DSE06-10Z (ELV)	150	1	Pass										1	10		✓			
17 SATCO	86/103 Z-Wave (C.L)	150	1	Pass										1	15		✓			
18 LUTRON	RRD-6CL (RA C.L)	150	1	Pass										1	10				✓	
19 LEVITON	DSM10 (Universal, MLV, LED, Inc)	450	1	Pass										1	10		✓			
20 LUTRON	CTRP,DVRP-253P (Reverse-Phase)	500 ELV/250	1	Pass										1	10				✓	
21 COOPER	TAL06P-C2 (Toggle C.L)	300	1	Pass										1	10		✓			
22 LUTRON	PD-6WCL Caseta (C.L)	150	1	Pass										1	10		✓			
23 LEVITON	DSL06-1LZ (Universal C.L)	300	1	Pass										1	15		✓			
24 LUTRON	NTELV-300 NovaT (ELV)	300	1	Pass										1	10				✓	
25 LUTRON	MALV-600 Maestro (MLV)	600	1	Fail										1	F	F				
26 LEVITON	IPI10-1LZ (Incandescent)	150/600	1	Pass										1	10		✓			
27 COOPER	SAL06P (Universal)	300	1	Pass										1	10		✓			
LEVITON	66ELV-10W (ELV)	300 ELV	1	Pass										1	20		✓			
LEVITON	IPE04 (ELV)	400 ELV	1	Pass										1	20		✓			

Unlike incandescent bulbs, LEDs 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)