

Visual Dimmer Testing Report Card

DATE TESTED 1/29/2019

Pass
Caution
Fail

✓

Product Model # S11920, S11921, S11922, S11923
1800Lm Type B Dimming T8-5FT 13.5w



MANUFACTURER	MODEL	DIMMER MAX WATT RATING	NUMBER LAMPS TESTED	OVERALL RESULTS	VISUAL RANGE	H.E. DEADTRAVEL	L.E. DEADTRAVEL	STEP DIMMING	FLICKER	SHIMMER	AUDIBLE NOISE	DOES NOT TURN OFF/ON	POP/POON	POP/COON	MIN/MAX LAMPS	Min Dimming percentage	Good	Better	Best	Notes: High trim required
LUTRON	NTRP-250 NovaT (Reverse Phase)	250	2	Pass											1 10			✓		
COOPER	DAL06P-C2 (Universal)	600	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	MAELV-600 Maestro (ELV)	600	2	Pass											1 10		✓			
LUTRON	PD-5NE Caseta (ELV)	500	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	AYCL-153P Ariadni (Toggle)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	LECL-153PH Lunea (C.L)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LEGRAND	ADTP703TU (Adorn Tru Universal)	450	2	Pass											1 10			✓		
LEVITON	6674 (Univeral Led Set to Led)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LEVITON	IPL06 (Universal Led)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	RRD-6-NA (RA ELV) 600w	600	2	Pass											1 10		✓			
LUTRON	DVCL-153P Diva (C.L)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	MACL-153M Maesteo (C.L)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	NTCL-250 NovaT (C.L)	250	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	SLV-600P Skylark (MLV)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	DVLV-600P Diva (MLV)	160	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	SELV-300 Skylark (ELV)	150	2	Pass											1 10			✓		
LUTRON	DVELV-300P Diva (ELV)	300	2	Pass											1 10			✓		
LUTRON	MSCL-OP153M Maestro (C.L OCS)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LEVITON	DSE06-10Z (ELV)	150	2	Pass											1 15		✓			
SATCO	86/103 Z-Wave (C.L)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	RRD-6CL (RA C.L)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LEVITON	6672 Slider (Universal, INC, LED)	450	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	CTRP,DVRP-253P (Reverse-Phase)	500 ELV/250	2	Pass											1 10			✓		
COOPER	TAL06P-C2 (Toggle C.L)	300	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	PD-6WCL Caseta (C.L)	150	2	Caution						Caution					1 15	✓				Loud Audible Noise
LEVITON	DSL06-1LZ (Universal C.L)	300	2	Caution						Caution					1 15	✓				Loud Audible Noise
LUTRON	NTELV-300 NovaT (ELV)	300	2	Pass											1 10			✓		
LUTRON	MALV-600 Maestro (MLV)	600	2	Fail											1 F					
LEVITON	IP110-1LZ (Incandescent)	150/600	2	Caution						Caution					1 15	✓				Loud Audible Noise
COOPER	SAL06P (Universal)	300	2	Caution						Caution					1 15	✓				Loud Audible Noise
Leviton	66ELV	450	2	Pass											1 10		✓			
Leviton	IPE04	450	2	Pass											1 10		✓			

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 24 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)