

Visual Dimmer Testing Report Card

TESTED /

Pass  
Caution  
Fail

Product Model # s21370-s21377  
T6.5 LED



MANUFACTURER	MODEL	Dimmer Watts	NUMBER TESTED	MEASUREMENTS	ANSI RANGE	LE DALI/PANEL	LE DALI/PANEL	STEP/DIMMING	ROCKER	SLIDER	AUDIBLE/NOISE	CLICKS	NOT FUNCTION	POUR	POUR	MIN/MAX LAMPS	Dimming %	Good	Better	Best	Notes: High time required
LUTRON	MA-PRO, RRD-PRO, HQRD-PRO, HQRA-PRO, ST-PRO-N, RRST-PRO-N, HRST-PRO-N, (Phase Adaptive)	250/500	1	Pass												1	10				
LUTRON	PD-5NE, MRF2S-6ELV (Electronic Low Voltage)	250/500w	1	Pass												1	10				
LUTRON	RRD-PRO (Phase Adaptive) Same as MA-PRO	250w	1	Pass												1	10				
LUTRON	CTRP-253P, DVRP-253P, NTRP-250 (Reverse-Phase)	300w	1	Pass												1	10				
LUTRON	CTRP-253P (Reverse-Phase) Same as DVRP-253P	250w	1	Pass												1	15				
LUTRON	SELV-300P (Skylark) Electronic Low Voltage	300w	1	Pass												1	15				
LUTRON	NTRP-250 (NovaT) Reverse-Phase	250w	1	Pass												1	10				
LEVITON	IPE04-1L (Illumina Tech) Electronic Low Voltage	450w	1	Fail	Fail											F	F				No dim
LEVITON	66EV-10W (Sure Slide) Electronic Low Voltage	300VA/600w	1	Fail	Fail											F	F				No dim
LEVITON	DSE06-10Z (Decora) Electronic Low Voltage	600VA	1	Pass												1	10				
LEVITON	VPE06 (Vizia) Electronic Low Voltage	600W	1	Pass												1	10				
LUTRON	MACL-153M, STCL-153M, MACL-LFQ, MSCL-OP153M (Forward-Phase)	150w	1	Pass												1	10				
LUTRON	MSCL-OP153M (Maestro Sensor & Dimmer) Foreard-phase	150w/600w	1	Pass												1	15				
LUTRON	DVCL-153P, RCL-153PNL, AYCL-153P, SCL-153P, CTCL-153P, LECL-153P, TTCL-100H, DVCL-253P, AYCL-253P, NTCL-250, TGCL-153PH (Forward-Phase)	150/250w	1	Pass												1	10				
LUTRON	PD-6WCL, PD-10NXD, RRD-10D, RRD-6ND, RRD-H6BRL, HQRD-6ND, HQRD-10D, HQRD-10NBD, HQRD-H6BRL, DVRF-6L (Smart Home Forward-Phase)	150/1000w	1	Pass												1	20				
LUTRON	PD-10NXD (Caseta) Forward-Phase	250w/1000w	1	Pass												1	15				
LUTRON	RRD-6CL RadioRa (Forward-Phase)	450/1000w	1	Pass												1	10				
LUTRON	NTCL-250 (Nova-T) Forward-Phase	250/1000w	1	Pass												1	15				
LUTRON	AYCL-153P (Ariadni) Forward-Phase	150/600w	1	Pass												1	15				
LEVITON	RNL06-10Z (Trimatron Rotary) Forward-phase	150/600	1	Pass												1	10				
LUTRON	RCL-153PNL (Dalia Illuminated) Forward-Phase	150/600w	1	Pass					Caution							1	15				
EATON	TAL06P-C2 (Toggle) Forward-Phase	300/600	1	Fail	Fail											F	F				
LEVITON	DDMX1 (MLV, LED, INC, HLG)	450/1000	1	Pass												1	15				
SATCO	86/103 (Z-Wave) Forward-Phase	150w	1	Pass					Caution							1	20				
SATCO	S11268 (Starfis) Forward Phase	150w	1	Pass												1	10				
LEVITON	6672 (Forward-phase)	150/600	1	Pass												1	10				
LEVITON	6674, IPL06, DSL06, TSL06, (Universal)	150/600W	1	Pass												1	15				
LEVITON	DSM10, TSM10 (Rocker Slide) Forward-Phase (MLV, LED, CFL, INC)	450/1000	1	Pass					Caution							1	15				
LEVITON	66DF-10W (Dalia Illuminated) Forward-Phase	150/300w	1	Pass												1	10				
LEVITON	DSL06 (Decora Slide) Forward-Phase LED, CFL	300/600w	1	Pass												1	10				
LEVITON	DDL06 (Decora Slide) Forward-Phase LED, CFL	300/600w	1	Pass												1	10				
LUTRON	MAELV-600 (Maestro) Electronic Low Voltage	600w	1	Pass												1	10				
LUTRON	MA-600 (Maestro) Incandescent	600w	1	Fail								Fail				F	F				
LUTRON	SLV-600P (Skylark) Magnetic Low Voltage	600w	1	Pass					Caution							1	15				
LEVITON	DW6HD, DH6HD, DG6HD, DZ6HD, DL6HD (Forward-Phase)	300w/600	1	Pass												1	10				
EATON	DAL06P-C2 (Decora) Universal, LED, MLV, ELV	300w/600w	1	Pass												1	15				

Visual Dimmer Testing Report Card

TESTED /

Pass  
Caution  
Fail

Product Model # s21370-s21377  
T6.5 LED

MANUFACTURER	MODEL	Dimmer Watts	NUMBER TESTED	OVERALL RESULTS	ANSI RANGE	LED ADAPTABLE	LED ADAPTABLE	REPROGRAMMING	LUTRON	SHIMMER	NOISE/NOISE	DOES NOT INTERFERE	POUR	POUR	MINIMUM LAMPS	Dimming %	Good	Better	Best	Notes: High time required
38	EATON VSUL06D (Dimmer & Occupancy Sensor) Universal, LED, ELV, MLV	300w/650w	1	Pass						Caution					1	15				
39	LEGRAND RHCL-450PTC (Radiant) Forward-Phase	450w/700w	1	Pass											1	15				
40	LEGRAND RH703PTUTC (Radiant) Universal ELV, MLV, LED	450w/700w	1	Pass											1	10				
41	LEGRAND WWRL50WH (Radiant) Smat Wi-Fi Universal LED, ELV, MLV	450w/700w	1	Pass											1	10				
42	LEVITON REL06-WW (Renu) Universal LED, MLV	300w/600w	1	Pass											1	10				
43	ACUITY WSX-PDT-WH (Occupancy Sensor)	700w	1	Pass																Turn on
44	LUTRON S-600P (Skylark) Incandescent	600w	1	Pass						Caution					1	15				
45	EATON RF9640-ND (Universal, ELV, MLV, LED, INC)	300w/600	1	Pass											1	10				
46	EATON SAL06P-C2 ( Universal ) ELV, MLV, LED	300/600w	1	Fail	Fail										F	F				
47	LEGRAND ADTP703TU (The Adorne) Tru Universal, LED, Xenon, HID.	450w/700w	1	Fail							Fail				F	F				
48	EATON DUL06P-C2 (Universal, ELV, MLV, LED, Inc)	300w/600w	1	Fail	Fail										F	F				
49	EATON SUF7 ( Decorator) Universal, ELV, INC, HLGN)	300/600w	1	Pass											1	10				
50	HUBBELL NXFRD-UNV 0-10v Dimming Converter, Auto-sensing Forward and Reverse Phase; Minimum load 24-Watts.	700w @ 120V 1300W @ 277V	1	Pass											1	15				
51	SATCO S11270 (Starfish) Forward-Phase Plug-in 15-amp	300w	1	Pass											1	20				
52	SATCO 80/2699-80/2701, 80/2702-80/2704 (Table Dimmer) In-Line and Plug-In	100w	1	Pass											1	10				
53	LUTRON PD-3PCL, MRF2-3LD, MRF2-3PD, RRD-3LD, RRD-3PD,m HQR-3LD, HQR-3PD. (Electronic Lamp Dimmers)	100/300	1	Pass											1	20				
54	LUTRON PHPM-WBX-120-WH with NTF-10 (Phase Adaptive)	900w LED load 1920w Other Load																		
55	OVERDRIVE ODMR0205 2-Channel control, 10-amps	600/600																		
56	PRECISION MR4 2400 PLS 2-CH Control Adaptive Phase	1200/1200																		
Power Factor	0.076	CCT Setting	Lux	CCT Actual	FC	CRI	LambDa	Unlike incandescent bulbs, LED's have electronic components inside them that can make noise when the bulbs are on, especially when dimmed. ENERGY STAR requires 25 dB or less to 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: The compatibility list is based on testing conducted in a lab-simulated environment. Actual results may vary.												
Volt	122.2	2700k																		
Watts	3.2	3000k																		
Amps	0.034	3500k																		
Frequence	60	4000k																		
Other		5000k																		