

Leviton LED Dimmers & LED Bulb Compatibility Test Results

As of July 2017





Testing and Compatibility

Leviton has an ongoing program testing LED bulbs for compatibility with our universal dimmers. The test program includes measurement of dimming range and testing for any abnormal flickering or fluttering.

Bulbs are tested in differing quantities of up to eight as the performance can vary based on the number of bulbs being dimmed. The ratings shown are based on an average of readings obtained and represent a reasonable expectation of performance.

In order to obtain consistence performance, it is recommended that when using multiple bulbs, they should be of the same model and wattage. Using combinations of different bulbs can result in varied dimming levels, color variation and potentially other undesired effects. Updated listings can be viewed at www.leviton.com/universal.

Understanding the Test Results

This compatibility list has been designed to help you determine which dimmable LED bulbs that have been tested and approved as compatible with the Leviton's Universal and Electronic Low Voltage Dimmers.

Minimum Brightness Level

The lower this percentage, the better the dimming range

Performance

This is how the dimmer performs with the bulb listed.

Better: Bulbs will dim, flickering may be present but not significant and diminishes with manual adjustment of slide

Best: Starts at low end, dimming range similar to incandescent, no observable flickering

If a rating for a particular bulb/dimmer combination is not provided, it could indicate inconsistent results or test results not available at this time. As additional test results for newer bulbs and dimmers are obtained, the compatibility chart will be updated.

LED Bulb Compatibility
SureSlide 6674
IllumaTech IPL06



Manufacturer	Type	Model #	Wattage	Color (K)	Lumens	Minimum Brightness (% of full Brightness)	Performance
Buckingham	Fixed Track Light	1001573381	21	2700	1100	3	Better
	Puck (x5)	21325KIT	3.4	3000	865	0	Better
	Track Lighting (x3)	939044	17.5	2700	420	3	Better
	Track Lighting (x3)	1001279379	27	2700	1150	14	Better
	Track Lighting (x3)	1001279383	14	2700	820	8	Better
	Track Lighting (x3)	1001279386	50	2700	2600	2	Better
	Under Cabinet	57005N-WH	5.8	3000	300	2	Better
	Under Cabinet	205663883	9	3000	450	3	Better
	Under Cabinet	1001217444	15	3000	690	4	Better
	Under Cabinet	1001217457	17	3000	790	5	Better
Under Cabinet	1001217466	6	3000	280	7	Better	
Commercial Electric	Recessed-Kit	CE-JB6-650L-27K-E26	12.5	2700	670	15%	Better
Cree	A19	BA19-04527OMB-12DE26-3_1	6	2700	460	7%	Better
	A19	BA19-11027OMF-12DE26-1U100	13.5	2700	1100	12%	Better
	A21	BA21-16027OMF-12DE26-1U110	18	2700	1600	29%	Better
	BR30	BBR30-06527FLF-12DE26-4U100	9	2700	655	5%	Better
	Recessed-Kit	DRDL4-05727009-12DE26-1C100	11.5	2700	575	17%	Better
Ecosmart	A15	1001653702 ECS A15 40WE W27 120 G1	4	2700	330	25%	Better
	B11	1001654308 ECS B11 60WE W27 120	6	2700	500	14%	Better
	BR40	ECSBR4075WEW27120G1BL	13	2700	940	11%	Better
	Recessed-Kit	ECS DN6 W27 E26 120	9.5	2700	650	18%	Better
Feit-Utillitech Pro	A19	BPAGOM800/5K/LED	9.5	5000	810	11%	Better
GE	BR30	21907	10	2700	700	13%	Better
	BR30	68160	10	2700	700	13%	Better
	BR30	68161	10	3000	700	13%	Better
	BR30	89936	10	2700	700	13%	Better
	BR30	89942	10	5000	700	13%	Better
Halco	A19	80842	7	3000	500	21%	Better
	BR30	80181	10	4000	750	2%	Better
	PAR30	82016	10	4000	820	6%	Better
	PAR38	82040	15	4000	1020	3%	Better
	PAR38	82050	17	4000	1220	1%	Better
Juno	4" Recessed Kit	4RLD-927-6-WWH	11.2	2700	572	23%	Better
	6" Recessed Kit	6RLD-927-6-WWH	11.2	2700	619	23%	Better
Kobi	A19	LED-ASD-15W1100-27	15	2700	1000	4%	Better
Lighting Science	BR30	LSPro BR30 65WE W27 120 FS1 BX	10	2700	650	0%	Better
	BR30	LSPro BR30 75WE W27 120 FS1 BX	15	2700	940	1%	Better
	BR40	LSPro BR40 75WE W27 120 FS1 BX	15	2700	940	1%	Better
	GU10	LSPro 16 50WE W27 FL GU10 BX	8	2700	480	4%	Better
	PAR20	LSPro 50WE W27 FL 120 BX	9	2700	420	7%	Better
	PAR38	LSPro 38 120WE W27 NFL 120 BX	19	2700	1350	2%	Better
	PAR38	LSPro 38 90WE W27 FL 120 BX	17	2700	840	3%	Better
	R20	LSPro R20 50WE W27 120 FS1 BX	8	2700	525	4%	Better
Philips	A19	9290011176	6.5	2700	450	8%	Better
	A19	9290011345	9.5	2200-2700	800	6%	Better
	A21	9290011120	13	2700	1100	17%	Better
	BR30	9290011117	9.5	2700	730	13%	Better
	GU10	929001156504	5	2700	400	6%	Better
Satco	A19	S9244	12	5000	1230	5%	Better
	A19	S9561	4.5	2700	450	15%	Better
	A19	S9562	6.5	2700	810	15%	Better
	A19	S9604	5.5	5000	510	6%	Better
	A19	S9608	9	4000	830	5%	Better
	A19	S9612	10.5	2700	800	13%	Better
	A21	S92871	16	5000	1800	4%	Better
	BR30	S9025	12.8	750	750	4%	Better
	BR30	S9133	10	2700	750	3%	Better
	BR40	S9144	12	2700	900	29%	Better
	PAR30	S9424	13	5000	1000	6%	Better
	PAR38	S9456	18	4000	1400	6%	Better

Satco	R20	S9140	7	525	525	1%	Better
	R40	S9101	16	2200-2700	1000	4%	Better
Sylvania	PAR30LN	LED13PAR30LN/DIM/850/NFL25/G3	13	5000	850	4%	Better
	PAR38	LED16PAR38/DIM/830/FL40/G3	16	3000	1050	3%	Better
	PAR38	LED17PAR38/DIM/840/NFL25/P3	17	4000	1300	22%	Better
	PAR38	LED17PAR38/DIM/850/NFL25/GL1	17	5000	1300	9%	Better
	Recessed-Kit	LED/1100/LD/850/RP	13	5000	1100	22%	Better
	Recessed-Kit	LED/700/LD/830/FL120	10	3000	700	25%	Better
	Recessed-Kit	LED/900/LD/830/FL120	13	3000	900	19%	Better
	Recessed-Kit	LED/900/LD/830/FL120/RP	13	3000	900	19%	Better
	Recessed-Kit	LED/RT/5/6/900/830/FL80 2/CS 1/SKU	13	3000	900	18%	Better
	Recessed-Kit	LED/RT/5/6/G/900/827/FL80/RP	13	2700	900	20%	Better
	Recessed-Kit	LED/RT/5/6/G/900/830	13	3000	900	20%	Better
	Recessed-Kit	LED/RT/5/6/HO/700/827	8	2700	700	4%	Better
	Recessed-Kit	LED/RT/5/6/HO/700/830	8	3000	700	4%	Better
	Recessed-Kit	LED/RT/5/6/HO/700/835	8	3500	700	4%	Better
	Recessed-Kit	LED/RT4/600/827/1PK	9	2700	600	20%	Better
	Recessed-Kit	LED/RT4/600/827/FL80	9	2700	600	20%	Better
	Recessed-Kit	LED/RT4/600/830/FL80	9	3000	600	20%	Better
	Recessed-Kit	LED/RT4/600/830/FL80/RP	9	3000	600	20%	Better
	Recessed-Kit	LED/RT4/600/840/FL80	9	4000	600	20%	Better
	Recessed-Kit	LED/RT4/600/850/FL80	9	5000	600	20%	Better
	Recessed-Kit	LED/RT4/G/600/827	9	2700	600	23%	Better
	Recessed-Kit	LED/RT4/G/600/830	7	3000	600	23%	Better
	Recessed-Kit	LED/RT5/6/700/840/FL80	10	4000	700	21%	Better
	Recessed-Kit	LED/RT5/6/900/827/FL80	13	2700	900	18%	Better
	Recessed-Kit	LED/RT5/6/G/900/830/FL80/RP	13	3000	900	20%	Better
	Recessed-Kit	LED/RT5/6/HO/700/840	8	4000	700	4%	Better
Recessed-Kit	LEDRT/5/6/700/850/FL80 2/CS 1/SKU	10	5000	700	21%	Better	
Recessed-Kit	LEDRT56700827FL80 2/CS 1/SKU	10	2700	700	21%	Better	
Recessed-Kit	LEDRT56700830FL80 2/CS 1/SKU	10	3000	700	21%	Better	
Recessed-Kit	LEDRT56900830RP	13	3000	900	18%	Better	
TCP	A19	ES95A1940SWD4	7	2700	450	8%	Better
	A19	ES95A1960SWD4	11	2700	800	5%	Better
	A19	L10A19DODLC2	10	2700	800	4%	Better
	BR30	BR30004	10	2700	700	3%	Better
	GU10	ES95GU1050BWD3	7	3000	500	9%	Better
	P20	ES95P2050BWD2	8	3000	500	8%	Better