

Leviton LED Dimmers & LED Bulb Compatibility Test Results

As of May 2016



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
Decora Rocker Slide DSL06



Manufacturer	Type	Model #	Wattage	Color (K)	Lumens	Minimum Brightness (% of full Brightness)	Performance
Buckingham	Fixed Track Lighting	1001573381	21W	2700	1100	6%	Better
	Track Lighting (x3)	939044	17.5	2700	420	2%	Better
	Track Lighting (x3)	1001279379	27	2700	1150	9%	Better
	Track Lighting (x3)	1001279383	14	2700	820	6%	Better
	Track Lighting (x3)	1001279386	50	2700	2600	1%	Better
	Under Cabinet	205663883	9	3000	450	3%	Better
	Under Cabinet	1001217444	15	3000	690	1%	Better
	Under Cabinet	1001217457	17	3000	790	6%	Better
Under Cabinet	1001217466	6	3000	280	3%	Better	
Commercial Electric	Recessed-Kit	CE-JB6-650L-27K-E26	12.5	2700	670	14%	Better
Cree	PAR30	BPAR30L-0803040C-12DE26-1C_00	10.5	3000	850	4%	Better
	PAR30	BPAR30S-0803025C-12DE26-1C_00	11	3000	850	12%	Better
	PAR38	BPAR38-1503027T-12DE26-2U_00	18	3000	1500	22%	Better
EcoSmart	BR20	ECSBR2050WECW120DG	7.5	5000	600	11%	Better
	BR30	ECSBR3065WEWW120DG	9.5	3000	650	21%	Better
	BR30	LSBR30CECWWCRI90E26	13.2	3000	-	11%	Better
	BR40	ECSBR4075WEW27120G1BL	13	2700	940	1%	Better
	BR40	ECSBR4090WEW27120DG	12.7	2700	-	8%	Better
	Edison Recessed Kit	LSGLP6W27120WHS1BX	13	2700	-	15%	Better
	G25	ECS2560WEW27120DG	7	2700	-	14%	Better
	G26	ECS2540WEW27120DG	5.5	2700	400	12%	Better
Recessed-Kit	ECS DN6 W27 E26 120	9.5	2700	650	17%	Better	
Feit-Utilitech Pro	A19	BPAGOM800/5K/LED	9.5	5000	810	10%	Better
Halco	A19	80842	7	3000	500	25%	Better
	A19	80864	10.5	3000	820	11%	Better
	BR30	80181	10	4000	750	4%	Better
	PAR20	82006	7	2700	460	23%	Better
	PAR30S	82029	10	4000	820	24%	Better
	PAR38	82040	15	4000	1020	27%	Better
	PAR38	82050	17	4000	1220	3%	Better
Juno	4" Recessed Kit	4RLD-927-6-WWH	11.2	2700	572	24%	Better
	6" Recessed Kit	6RLD-927-6-WWH	11.2	2700	619	3%	Better
Lighting Science	A19	LSGP19W2740WEFR120	6	2700	480	1%	Better
	BR30	LSPPro BR30 65WE W27 120 FS1 BX	10	2700	650	0%	Better
	BR30	LSPPro BR30 75WE W27 120 FS1 BX	15	2700	940	0%	Better
	BR40	LSPPro BR40 75WE W27 120 FS1 BX	15	2700	940	1%	Better
	BR40	LSPPro BR40 90WE W27 120 FS1 BX	20	2700	1260	3%	Better
	GU10	LSPPro 16 35WE W27 FL GU10 BX	6	2700	350	22%	Better
	GU10	LSPPro 16 50WE W27 FL GU10 BX	8	2700	480	4%	Better
	PAR20	LS2050WEWWFL120	8	3000	525	2%	Better
	PAR20	LSPPro 50WE W27 FL 120 BX	9	2700	420	21%	Better
	PAR30	LS3075WEWWFL120	14	3000	900	0%	Better
	PAR30	LS3075WEWWGBFL120	10.5	3000	750	22%	Better
	PAR30	LSPPro 30 75WE W27 FL 120 BX	14	2700	680	4%	Better
	PAR30 Short Neck	LS30SN75WEWWFL120	14.5	3000	950	2%	Better
	PAR38	G3TP120-16/PAR38-DIM-3000K-25°	16	3000	-	21%	Better
	PAR38	LED21WPAR383000K40°DIM	21	3000	-	4%	Better
	PAR38	LSPPro 38 120WE W27 NFL 120 BX	19	2700	1350	8%	Better
	PAR38	LSPPro 38 90WE W27 FL 120 BX	17	2700	840	9%	Better
R20	LSPPro R20 50WE W27 120 FS1 BX	8	2700	525	3%	Better	
Philips	A19	9290011176	6.5	2700	450	7%	Better
	A19	9290011345	9.5	2200-2700	800	6%	Better
	A19 Edison	9290002268	11	2700	830	2%	Better
	A19 Edison	12E26A60-1	12.5	2700	800	2%	Better
	A21	9290011120	13	2700	1100	9%	Better
	A21 Edison	17E26A21D	17	2700	1100	2%	Better
	B13	9290011121	6.5	2700	520	2%	Better
	BR30	9290011117	9.5	2700	730	9%	Better
	BR30 Edison	9290002197	13	2700	730	3%	Better
	BR40 Edison	9290002199	14.5	2700	800	4%	Better
	GU10	929001156504	5	2700	400	1%	Better
	PAR30L Edison	9290002235	13	3000	750	4%	Better
	PAR38 Edison	9290002252	19.5	2700	1100	3%	Better

Satco	A19	S9107	7	2700	450	1%	Better
	A19	S9244	12	5000	1230	4%	Better
	A19	S9608	9	4000	830	4%	Better
	A21	S92871	16	5000	1800	3%	Better
	BR30	S9133	10	2700	750	5%	Better
	BR40	S9144	12	2700	900	1%	Better
	PAR20	S9409	7	5000	525	6%	Better
	PAR30	S9424	13	5000	1000	6%	Better
	PAR38	S9454	15	5000	1200	5%	Better
	PAR38	S9456	18	4000	1400	5%	Better
R20	S9140	7	525	525	1%	Better	
R40	S9101	16	2200-2700	1000	1%	Better	
Sylvania	PAR16	LED7PAR16/DIM/830/FL36	7	3000	350	8%	Better
	Recessed-Kit	LED/1100/LD/850/RP	13	5000	1100	18%	Better
	Recessed-Kit	LED/700/LD/830/FL120	10	3000	700	22%	Better
	Recessed-Kit	LED/900/LD/830/FL120	13	3000	900	17%	Better
	Recessed-Kit	LED/900/LD/830/FL120/RP	13	3000	900	17%	Better
	Recessed-Kit	LED/RT/5/6/900/830/FL80 2/CS 1/SKU	13	3000	900	24%	Better
	Recessed-Kit	LED/RT/5/6/G/900/827/FL80/RP	13	2700	900	24%	Better
	Recessed-Kit	LED/RT/5/6/G/900/830	13	3000	900	24%	Better
	Recessed-Kit	LED/RT/5/6/HO/700/827	8	2700	700	3%	Better
	Recessed-Kit	LED/RT/5/6/HO/700/830	8	3000	700	3%	Better
	Recessed-Kit	LED/RT/5/6/HO/700/835	8	3500	700	3%	Better
	Recessed-Kit	LED/RT4/600/827/1PK	9	2700	600	19%	Better
	Recessed-Kit	LED/RT4/600/827/FL80	9	2700	600	19%	Better
	Recessed-Kit	LED/RT4/600/830/FL80	9	3000	600	19%	Better
	Recessed-Kit	LED/RT4/600/830/FL80/RP	9	3000	600	19%	Better
	Recessed-Kit	LED/RT4/600/840/FL80	9	4000	600	19%	Better
	Recessed-Kit	LED/RT4/600/850/FL80	9	5000	600	19%	Better
	Recessed-Kit	LED/RT4/G/600/827	9	2700	600	21%	Better
	Recessed-Kit	LED/RT4/G/600/830	7	3000	600	21%	Better
	Recessed-Kit	LED/RT5/6/700/840/FL80	10	4000	700	20%	Better
	Recessed-Kit	LED/RT5/6/900/827/FL80	13	2700	900	24%	Better
	Recessed-Kit	LED/RT5/6/G/900/830/FL80/RP	13	3000	900	24%	Better
	Recessed-Kit	LED/RT5/6/HO/700/840	8	4000	700	3%	Better
Recessed-Kit	LEDRT/5/6/700/850/FL80 2/CS 1/SKU	10	5000	700	20%	Better	
Recessed-Kit	LEDRT56700827FL80 2/CS 1/SKU	10	2700	700	20%	Better	
Recessed-Kit	LEDRT56700830FL80 2/CS 1/SKU	10	3000	700	20%	Better	
Recessed-Kit	LEDRT56900830RP	13	3000	900	24%	Better	
TCP	A19	L10A19DODLC2	10	2700	800	6%	Better
	BR30	BR30004	10	2700	700	6%	Better