

Leviton LED Dimmers & LED Bulb Compatibility Test Results

As of June 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 DSM10



Manufacturer	Type	Model #	Wattage	Color (K)	Lumens	Minimum Brightness (% of full Brightness)	Performance
Buckingham	Fixed Track Lighting	1001573381	21	2700	1100	9%	Better
	Track Lighting (x3)	939044	17.5	2700	420	4%	Better
	Track Lighting (x3)	1001279379	27	2700	1150	9%	Better
	Track Lighting (x3)	1001279386	50	2700	2600	4%	Better
	Under Cabinet	57005N-WH	5.8	3000	300	7%	Better
	Under Cabinet	205663883	9	3000	450	2%	Better
	Under Cabinet	1001217444	15	3000	690	7%	Better
	Under Cabinet	1001217457	17	3000	790	4%	Better
	Under Cabinet	1001217466	6	3000	280	2%	Better
Bulbrite	A19	774101 LED11A19/827/D	11	2700	800	18%	Better
	A19	774103 LED15/A21/827/D	15.5	2700	1600	17%	Better
	A21	774102 LED13A21/827/D	13	2700	1100	15%	Better
	BR30	772810 LED16BR30/C/927/D	16.5	2700	975	32%	Better
	BR30	772840 LED12BR30/827/D/2	12.5	2700	1050	8%	Better
	BR30	773355 LED11BR30/827/D/2	11	2700	750	18%	Better
	BR40	772850 LED20BR40/827/D/2	20	2700	1750	8%	Better
	G5	771172 LED6MR16GU/30K/D-SN	6	3000	300	17%	Better
	MR16	771200 LEDMR16SW/D/E26	6	3000	300	26%	Better
	PAR20	772714 LED7PAR20/NF25/830/WD	7	3000	525	6%	Better
	PAR30	772631 LED13PAR30L/FL40/930/WD	13	3000	820	6%	Better
	PAR30	772734 LED13PAR30L/FL40/830/WD	13	3000	1000	16%	Better
	PAR30S	772621 LED13/PAR30S/FL40/930/WD	13	3000	820	8%	Better
	PAR30S	772724 led13par30s/fl40/830/wd	13	3000	1000	8%	Better
	PAR38	772641 LED18PAR38/FL40/930/WD	18	3000	1150	13%	Better
PAR38	772744 LED15PAR38/FL40/830/WD	15	3000	1200	6%	Better	
R20	773255 LED8R20/827/D/2	8	2700	535	35%	Better	
Commercial Electric	Recessed-Kit	CE-JB6-650L-27K-E26	12.5	2700	670	15%	Better
Cree	PAR30	BPAR30L-0803040C-12DE26-1C_00	10.5	3000	850	17%	Better
	PAR30	BPAR30S-0803025C-12DE26-1C_00	11	3000	850	5%	Better
	PAR38	BPAR38-1503027T-12DE26-2U_00	18	3000	1500	28%	Better
	Recessed-Kit	DRDL4-05727009-12DE26-1C100	11.5	2700	575	19%	Better
Ecosmart	BR40	ECSBR4075WEW27120G1BL	13	2700	940	4%	Better
	Recessed-Kit	ECS DN6 W27 E26 120	9.5	2700	650	20%	Better
GE	A19	13791	10.5	2700	800	16%	Better
	A19	14203	10.5	2700	800	16%	Better
	A19	83570	10.5	2700	800	16%	Better
	A19	89943	10.5	5000	850	16%	Better
	A19	95927	10.5	5000	850	16%	Better
	PAR30	42131	12	3000	1050	14%	Better
	PAR30	42133	12	2700	1050	14%	Better
	PAR30	42134	12	2700	1000	14%	Better
	PAR30	73583	12	2700	1000	14%	Better
	PAR30	84379	12	3000	860	14%	Better
	PAR30	84380	12	3000	900	14%	Better
	PAR30	84384	12	3000	850	14%	Better
	PAR30	84392	12	2700	900	14%	Better
	PAR30	84395	12	2700	850	14%	Better
	PAR30	84399	12	3000	900	14%	Better
PAR30	84400	12	3000	900	14%	Better	

GE	PAR30	84407	12	2700	850	14%	Better
	PAR30L	42136	12	3000	1050	14%	Better
	PAR30L	42137	12	3000	1050	14%	Better
	PAR30L	42144	12	3000	1000	14%	Better
Halco	A19	80842	7	3000	500	26%	Better
	BR30	80181	10	4000	750	2%	Better
	PAR38	82040	15	4000	1020	3%	Better
	PAR38	82050	17	4000	1220	1%	Better
Juno	Recessed-Kit	4RLD-927-6-WWH	11.2	2700	572	1%	Better
	Recessed-Kit	6RLD-927-6-WWH	11.2	2700	619	24%	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	0%	Better
	BR40	LSPro BR40 75WE W27 120 FS1 BX	15	2700	940	1%	Better
	BR40	LSPro BR40 90WE W27 120 FS1 BX	20	2700	1260	3%	Better
	MR16	LSPro 16 35WE W27 FL BX	6	2700	300	22%	Best
	MR16	LSPro 16 50WE W27 FL BX	8	2700	450	21%	Better
	PAR20	LSPro 50WE W27 FL 120 BX	9	2700	420	6%	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
	BR30	9290011117	9.5	2700	730	10%	Better
Satco	A19	S9037	10.5	2700	810	1%	Better
	A19	S9612	10.5	2700	800	13%	Better
	A21	S92871	16	5000	1800	4%	Better
	BR30	S9133	10	2700	750	5%	Better
	BR40	S9144	12	2700	900	0%	Better
	PAR30	S9424	13	5000	1000	6%	Better
	PAR38	S9454	15	5000	1200	6%	Better
	R40	S9101	16	2200-2700	1000	0%	Better
Sylvania	Recessed-Kit	LED/1100/LD/850/RP	13	5000	1100	19%	Better
	Recessed-Kit	LED/700/LD/830/FL120	10	3000	700	24%	Better
	Recessed-Kit	LED/900/LD/830/FL120	13	3000	900	18%	Better
	Recessed-Kit	LED/900/LD/830/FL120/RP	13	3000	900	18%	Better
	Recessed-Kit	LED/RT/5/6/900/830/FL80 2/CS 1/SKU	13	3000	900	23%	Better
	Recessed-Kit	LED/RT/5/6/G/900/827/FL80/RP	13	2700	900	23%	Better
	Recessed-Kit	LED/RT/5/6/G/900/830	13	3000	900	23%	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/G/600/827	9	2700	600	22%	Better
	Recessed-Kit	LED/RT4/G/600/830	7	3000	600	22%	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	23%	Better
	Recessed-Kit	LED/RT5/6/G/900/830/FL80/RP	13	3000	900	23%	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	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	23%	Better	
TCP	A19	L10A19DODLC2	10	2700	800	0%	Better