

Decora® Digital Dimmable LED Bulb Compatibility

Updated January 2016



Testing and Compatibility

Leviton has an ongoing program testing LED lamps 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 a consistent performance, it is recommended that when using multiple lamps they should be of the same model and wattage. Using combinations of different lamps can result in varied dimming levels, color variation and potentially other undesired effects. Updated listings for all Leviton Universal Dimmers 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 are compatible with the Leviton Decora Digital Dimmer. It contains specific bulb manufacturers and model numbers that have been tested and approved for use with this dimmer.

Manufacturer
The company that makes the bulb

Description
The type of bulb

Max Load (# Bulbs)
Based on wattage of the dimmer, this is the maximum number of bulbs you can use.

Dimming Range %
The lowest dimmed brightness available as a percentage of the highest brightness. The lower this percentage the better the dimming range.

Decora® Digital LED Bulb Compatibility Test Results



DDMX1 • Universal Dimmer
450W LED

Manufacturer	Bulb Model	Description	Wattage	Max Load (# Bulbs)	Performance	Dimming Range %

Bulb Model
The number that identifies the bulb. Listed on bulb or packaging

Wattage
The wattage of the bulb listed

Performance
This is how the dimmer performs with the bulb listed.

1. **Better:** Bulbs will dim, flickering may be present but not significant and diminishes with manual adjustment of slide.
2. **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 that are not available at this time. As additional test results for current and newer bulbs and dimmers are obtained, the compatibility chart will be updated.

Decora® Digital LED Bulb Compatibility Test Results



DDMX1 • Universal Dimmer
450W LED

Manufacturer	Bulb Model	Description	Wattage	Max Load (# Bulbs)	Performance	Dimming Range %
CREE	BA21-16027OMF-12DE26-1U110	A21, 2700K	18	25	Better	28%
	BA19-11027OMF-12DE26-1U100	A19, 2700K, 1100 Lumens	13.5	33	Better	10%
	BA19-08027OMB-12DE26-3_1	A19, 2700K, 815 Lumens	10	45	Better	33%
	BBR30-06527FLF-12DE26-4U100	BR30, 655 Lumens	9	50	Better	6%
	BA19-04527OMB-12DE26-3_1	A19, 2700K, 460 Lumens	6	75	Better	29%
EcoSmart	ECS2540WEW27120DG	G26, 2700K, 400 Lumens	5.5	82	Better	19%
	LSBR30CECWWCRI90E26	BR30	13.2	34	Better	4%
	ECS2525WEW27120DG	G25, 2700K, 300 Lumens	3.8	118	Better	18%
	LSGLP6W27120WHS1BX	Edison Recessed Kit	13	35	Better	2%
	ECSBR3065WEWW120DG	BR30, 3000K, 650 Lumens	9.5	47	Better	23%
Lighting Science	LSB11CAW2740WECLE12120	B11	4.5	100	Better	29%
	LSB11CAW2740WECLE26120	B11	4.5	100	Better	29%
	LSGP19W2740WEFR120	A19	6	75	Better	21%
	LS30SN75WEWWFL120	PAR30 Short Neck	14.5	31	Better	7%
	LS3075WEWWFL120	PAR30	14	32	Better	7%
	LED21WPAR383000K40°DIM	PAR38	21	21	Better	1%
	G3TP120-16/PAR38-DIM-3000K-25°	PAR38	16	28	Better	1%
	LS3075WEWWGBFL120	PAR30	10.5	43	Better	16%
	DFN2560WEW27120	G25	8.5	53	Better	22%
JCC	JC83100	Under Cabinet, 4000K	4	113	Better	16%
	JC83103	Under Cabinet, 700 Lumens	8	56	Best	22%
Kobi	LED-ASD-15W1100-27	A19	15	30	Better	4%

Decora® Digital LED Bulb Compatibility Test Results



DDMX1 • Universal Dimmer
450W LED

Manufacturer	Bulb Model	Description	Wattage	Max Load (# Bulbs)	Performance	Dimming Range %
Philips	17E26A21D	A21	17	26	Better	6%
	12E26A60-1	A19, 2700K, 800 Lumens	12.5	36	Better	5%
	9290002235	PAR30L, 2700K, 720 Lumens	13	35	Better	7%
	9290002197	BR30, 2700K, 730 Lumens	13	35	Better	5%
	9290002252	PAR38, 2700K, 1100 Lumens	19.5	23	Better	5%
	9290002333	PAR20, 2700K, 450 Lumens	8	56	Better	2%
	9290002290	A21, 2700K, 1100 Lumens	22	20	Better	1%
	9290002199	BR40, 2700K, 800 Lumens	14.5	31	Better	6%
	9290002268	A19, 2700K, 830 Lumens	11	41	Better	2%
	9290011345	A19	9.5	47	Better	6%
	9290011176	A19	6.5	69	Better	7%
	929001156504	GU10	5	90	Better	5%
Satco	S9140	R20	7	64	Better	7%
	S9144	BR40	12	38	Better	13%
	S9133	BR30	10	45	Better	2%
	S9107	A19	7	64	Better	13%
	S9037	A19	10.5	43	Better	6%
	S9073	R20	7.8	58	Better	23%
	S9025	BR30	12.8	35	Better	16%
	S9101	R40	16	28	Better	22%
	S9252	A19	6.5	69	Better	28%
	S9265	B11- Bent- Candle	4.5	100	Better	36%
	S9270	Vintage	2.5	180	Better	34%