



LED Lamps

Dimmer Compatibility Guide





Dimmer Compatibility Guide

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Lamp Shape	Order Code	Description	Lutron Diva DV-600P	Lutron Diva LED+ DVCL-153P	Lutron Maestro LED+ MACL-153M	Leviton Sureslide 6633	Lutron Caseta PD-6WCL	Lutron Maestro Sensor MSCL-OP153M	Lutron Diva Reverse Phase DVRP-253P	Legrand radiant RHCL453	Legrand radiant multi-locations HCL453 PMM	Leviton Sureslide 6672	Leviton Decora Digital Bluetooth DDL06	Legrand tru-universal RH703 PTU
A15	34051	LED4DA15-C3/827												
A15	34038	LED4DA15-W3/827												
A15	93142809	LED4DFA15-C												
A15	93142810	LED4DFA15-W												
A19	69115	LED6DA19/827												
A19	69118	LED6DA19/830												
A19	69132	LED6DA19/840												
A19	69144	LED6DA19/850												
A19	93156446	LED6DA19/827/E												
A19	93156447	LED6DA19/830/E												
A19	93156448	LED6DA19/840/E												
A19	93156449	LED6DA19/850/E												
A19	93305532	LED6DA19/927/E												
A19	93305533	LED6DA19/950/E												
A19	69117	LED10DA19/827												
A19	69119	LED10DA19/830												
A19	69133	LED10DA19/840												
A19	69146	LED10DA19/850												
A19	93156450	LED10DA19/827/E												
A19	93156531	LED10DA19/830/E												
A19	93156532	LED10DA19/840/E												
A19	93156533	LED10DA19/850/E												
A19	93305534	LED10DA19/927/E												
A19	93305535	LED10DA19/950/E												
A19	38220	LED10DA19GU24827												
A19	93156542	LED10DA19/GU24/827/E												
A19	93156534	LED12DA19/827/E												
A19	93156535	LED12DA19/830/E												
A19	93156536	LED12DA19/840/E												
A19	93156537	LED12DA19/850/E												
A19	93305536	LED13DA19/927												
A19	93305537	LED13DA19/950												
A19	93156538	LED15DA19/827												
A19	93156539	LED15DA19/830												
A19	93156540	LED15DA19/840												
A19	93156541	LED15DA19/850												
A19	93305538	LED15DA19/927												
A19	93305539	LED15DA19/950												
A19	93156543	LED15DA19/GU24/827												



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A21	76037	LED12DA21/827	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	76041	LED12DA21/830	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	73384	LED12DA21/830FE	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	76045	LED12DA21/840	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	76102	LED12DA21/850	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	73404	LED12DA21/850FE	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	76038	LED15DA21/827	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	76043	LED15DA21/830	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	76060	LED15DA21/840	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	76117	LED15DA21/850	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	46666	LED15DA21GU24827	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
A21	93309224	LED22DA21/827	Yellow	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Yellow
A21	93309225	LED22DA21/850	Yellow	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Yellow
BC	93142794	LED4DFBC-C	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red
BC	93142796	LED4DFBC-W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red
BC	93142802	LED5DFBC-C	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BC	93142803	LED5DFBC-W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BM	93142811	LED4DFBM-C	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red
BM	93142814	LED4DFBM-W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red
BM	93142855	LED5DFBM-C	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red
BM	93142856	LED5DFBM-W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red
BR30	68160	LED10DR303/827W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	68161	LED10DR303/830W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	69107	LED10DR303/850W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	43234	LED10DR30V/827W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	43237	LED10DR30V/830W	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	93305498	LED8DBR30/927	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	93305499	LED8DBR30/930	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	93305510	LED8DBR30/940	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR30	93305512	LED8DBR30/950	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BR40	64176	LED13DBR40/827	Yellow	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
BR40	14708	LED13DBR40/830	Yellow	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green
BR40	69108	LED13DBR40/850	Yellow	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green



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CAC	93142792	LED3DFCAC-C												
CAC	93142793	LED3DFCAC-W												
CAC	21231	LED4DCAC-C3/827												
CAC	69109	LED4DCAC-C3/850												
CAC	93142795	LED4DFCAC-C												
CAC	93142797	LED4DFCAC-W												
CAC	93142800	LED5DFCAC-C												
CAC	93142801	LED5DFCAC-W												
CAC	21233	LED7DCAC-C3/827												
CAM	93142804	LED3DFCAM-C												
CAM	93142808	LED3DFCAM-W												
CAM	21250	LED4DCAM-C3/827												
CAM	92389	LED4DCAM-W3/827												
CAM	93142812	LED4DFCAM-C												
CAM	93142815	LED4DFCAM-W												
CAM	93142851	LED5DFCAM-C												
CAM	93142852	LED5DFCAM-W												
CAM	21251	LED7DCAM-C3/827												
G16	93142798	LED4DFG16C-C												
G16	93142799	LED4DFG16C-W												
G25	93142805	LED3DFG25-C												
G25	93142807	LED3DFG25-W												
G25	93142847	LED4DFG25-C												
G25	93142846	LED4DFG25-W												
G25	93142850	LED5DFG25-C												
G25	93142849	LED5DFG25-W												
G25	21253	LED5DG25-W3/827												
G25	21255	LED7DG25-W3/827												
MR16-GU10	93305604	LED4D/GU10W830/35												
MR16-GU10	93305605	LED5D/GU10W830/35												



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PAR16	93305603	LED6DP16W830/35												
PAR20	93349	LED7DP203B827/20												
PAR20	93354	LED7DP203B827/35												
PAR20	93327	LED7DP203B830/20												
PAR20	93107783	LED7DP203B927/35												
PAR20	93360	LED7DP203W827/20												
PAR20	93362	LED7DP203W827/35												
PAR20	93347	LED7DP203W830/20												
PAR20	93348	LED7DP203W830/35												
PAR20	93107782	LED7DP203W927/35												
PAR30	98755	LED12DP303W83035												
PAR30	73583	LED12DP30RB82740												
PAR30	93107784	LED12DP30RB92740												
PAR30	42133	LED12DP30RW82725												
PAR30	42134	LED12DP30RW82740												
PAR30	84384	LED12DP30RW83025												
PAR30	42131	LED12DP30RW83040												
PAR30	84392	LED12DP30RW92725												
PAR30	84395	LED12DP30RW92740												
PAR30	84379	LED12DP30RW93025												
PAR30	84380	LED12DP30RW93040												
PAR30	93153892	LED12DP30VOW830/25												
PAR30L	98811	LED12DP3L3W83035												
PAR30L	42141	LED12DP3LRW82725												
PAR30L	42144	LED12DP3LRW82740												
PAR30L	42136	LED12DP3LRW83025												
PAR30L	42137	LED12DP3LRW83040												
PAR30L	84407	LED12DP3LRW92740												
PAR30L	84399	LED12DP3LRW93025												
PAR30L	84400	LED12DP3LRW93040												
PAR30L	93153891	LED12DP30LVOW830/25												



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PAR38	92973	LED12D38OW383040												
PAR38	92969	LED12D38W3827/25												
PAR38	92971	LED12D38W3827/40												
PAR38	92972	LED12D38W3830/25												
PAR38	93133599	LED12D38W3930/25												
PAR38	32213	LED15DP38W830/40												
PAR38	65727	LED18D38OB383025												
PAR38	93096804	LED18D38OS383025												
PAR38	92950	LED18D38OW3827/25												
PAR38	92958	LED18D38OW3827/40												
PAR38	92963	LED18D38OW3830/25												
PAR38	92967	LED18D38OW3830/40												
PAR38	85085	LED18D38OW3835/25												
PAR38	87917	LED18D38OW3835/40												
PAR38	93171	LED18D38OW3840/25												
PAR38	93172	LED18D38OW3840/40												
PAR38	65730	LED18D38OW3850/25												
PAR38	65731	LED18D38OW3850/40												
PAR38	93096546	LED18D38S3830/15												
PAR38	92961	LED18D38W3830/15												
PAR38	92923	LED18D38W3927/25												
PAR38	92926	LED18D38W3927/40												
PAR38	92927	LED18D38W3930/15												
PAR38	92933	LED18D38W3930/25												
PAR38	92934	LED18D38W3930/40												
PAR38	93153880	LED15DP38VOW830/35												
PAR38	75447	LED32DP38W830/15												
PAR38	88801	LED32DP38W830/25												
PAR38	88810	LED32DP38W830/40												
PAR38	30233	LED32DP38W835/15												
PAR38	30237	LED32DP38W835/25												
PAR38	30239	LED32DP38W835/40												



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R20	38268	LED7DR20/827												
R20	43233	LED7DR20/830												
R20	38273	LED7DR20/850												
RS Can	95853	LED10RS4/827E26P												
RS Can	95854	LED10RS4/830E26P												
RS Can	35365	LED10RS4/840E26P												
RS Can	20037	LED13DRS6/827												
RS Can	20048	LED13DRS6/830												
RS Can	19888	LED8DRS6/827												
RS Can	19908	LED8DRS6/830												
RS Can	20026	LED8DRS6/840												
RS Can	93162554	LED8DRS4/9SC												
RS Can	93162555	LED8DRS6/9SC												
RS Can	93162556	LED12DRS6/9SC												



MR16 Transformer & Dimmer Compatibility

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12V MR16 Lamps require a step-down transformer from mains voltage. In order to dim, the dimmer must be compatible with the transformer. Compatibility with the full system should be verified.

Note: Certain combinations of transformers and dimmers may not operate properly. Use on dimming circuits with magnetic transformers is not recommended.

There are three types of dimmers in the market according to their load properties: R, RL, and RC type. Both magnetic and electronic transformers are used with low voltage lamps. The dimmers and transformers should be used in this combination:

- a. Leading edge dimmer (RL) + Magnetic transformer
- b. Trailing edge dimmer (RC) + Electronic transformer (**Recommended for best results with LED MR16 lamps**)

Caution: The combination of Leading edge dimmer (RL) + Electronic transformer is not recommended for LED MR16 lamps due to a higher risk of flicker, noise, and distortion of mains voltage.

Transformer Compatibility - One Lamp							
Input Voltage	Brand	Model	Dimmable ET	LED6.5DMR16W (Leadership Line)	LED6.5DMR16 (Value Line)	LED4.5DMR16 (Value Line)	LED7MRX16R
120V	Hatch	RS12-60M-LED	Y				
120V	Hatch	RS12-30M-LED	Y				
120V	Hatch	RS12-15M-LED	Y				
120V	Hatch	RS12-60M	Y				
120V	Hatch	RS12-80M	Y				
120V	Hatch	RS12-80MG	Y				
120V	Hatch	VS12-60W	Y				
120V	Lightech	LET75	Y				
120V	Lightech	LET60	Y				
120V	Lightech	LET60LW	Y				
277V	Hatch	RS12-105BF-277	Y				
277V	Lightech	LET75/277R BF	N				

Dimmer - Transformer Compatibility - One Lamp							
Compatibility for these Dimmer - Transformer combinations applies to all lamps listed in the above Transformer Compatibility table.				Hatch RS12-60M-LED Electronic Transformer	Hatch RS12-30M-LED Electronic Transformer	Hatch RS12-15M-LED Electronic Transformer	Lightech LET60LW Electronic Transformer
Lutron	Diva	DVELV-300P	Trailing Edge (RC) Dimmer				
Lutron	Skylark	SELV-300P	Trailing Edge (RC) Dimmer				
Lutron	Maestro	MAELV-600	Trailing Edge (RC) Dimmer				