



## GE's replacement lamps dimmer information

Dimmable PAR16 and GU10 lamps

Dimmable 7-watt PAR 20 lamps

Dimmable 10-watt PAR 30 lamps

Dimmable 12-watt High Output PAR30 lamps

Dimmable 12-watt Retail PAR30 lamps (High CRI)

Dimmable 12-watt and 20-watt indoor/outdoor PAR 38 lamps

Dimmable 2.2-watt candles

Dimmable 9-watt and 13-watt and 27-watt General Purpose A-19 lamps

Dimmable 7-watt and 11-watt General Purpose A-19 lamps

Dimmable 7-watt MR16 lamps (Includes 7X) - Generation 1

Dimmable 7-watt MR16 lamps (Includes 7X) - Generation 2

Dimmable 7-watt RS20 Reflector lamp

Dimmable 10-watt and 12-watt Reflector lamps - BR30 and Floodlight lamps

Dimmable 3.5-watt and 4.5-watt Decorative lamps (Candle, G16.5, G25, A15)

Dimmable 26-watt indoor/outdoor PAR 38 lamps

Dimmable 12-watt Retail PAR 38 lamps

The ratings used in the attached tables are defines as follows:

**"PASS"** means during testing through the dimming range (and when the dimmer was used with the number of lamps specified in the table), there was smooth transition of light dimming, no sign of flicker, and no audible noise at 3 feet.

**"ADD LAMP"** means flickering was observed during testing when the dimmer was used with the number of lamps specified in the table.

**"N/A"** means the total power of the lamps number specified in the table exceeds dimmer recommended power.

**IMPORTANT NOTICE** - Because dimming equipment, applications, and conditions of use are many, varied, and beyond GE's control, this information necessarily is based on limited sample sizes and testing, and GE does not represent or warranty the suitability of a lamp for any particular application or use in any particular equipment. This information may be updated and changed at any time without notice as new equipment and information is developed.

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## LED 4.5-watt dimmable PAR 16 and GU10 lamps

Code	Description	Code	Description
66136	LED4DP16S/NFL/TP	66137	LED4DGU10/NFL/TP
01709	LED4DP16S/NFL/TP	01710	LED4DGU10/NFL/TP

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps					
					1	2	3	4	5	
120	Lutron	DV-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass	
		DVCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass	
		S-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass	
		CTCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass	
		D-600P	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass	
		NT-600	Slide-to-Off 600	Pass	Pass	Pass	Pass	Pass	Pass	
	Leviton	V-600	V-600	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
			AY-600PNL/TG-600PNL	Slider-Preset	600	Pass	Pass	Pass	Pass	Pass
		Cooper	6633	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
			6681	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
Jasco	RI06PL	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass		
	9530-PT (REV. A)	Slide Dimmer	600	Pass	Pass	Pass	Pass	Pass		
Leviton (Digital)	18019	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass		
	18023	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass		
	6161	Preset Buttons	500	Pass	Pass	Pass	Pass	Pass		

## LED 7-watt dimmable PAR 20 lamps

Code	Description	Code	Description
61915	LED7DP20B830/12	64494	LED7DP20S827/20
61916	LED7DP20B830/20	63696	LED7DP20B827/15
61917	LED7DP20B827/20	63023	LED7DP20S/NFL/TP
61918	LED7DP20W830/12	01409	LED7DP20S/NFL/TP
61919	LED7DP20W830/20	67578	LED7DP20B827/35
61920	LED7DP20W827/20		
61921	LED7DP20S830/20		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps		
					1	2	3
120	Lutron	S-10PR-WH	Push Switch	1000	Pass	Pass	Pass
		D-600PH-DK	Rotary	600	Pass	Pass	Pass
		Listed 6B38	Lever Switch	600	Pass	Pass	Pass
	Leviton	S-600PR-LA	Push Switch	600	Pass	Pass	Pass
		No.IPI10-1LM	Push Switch	1000	Add Lamp	Pass	Pass
		# 6681	Rotary	600	Pass	Pass	Pass
Ace	SKU # 3247913	Rotary	600	Pass	Pass	Pass	

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## LED 10-watt dimmable PAR 30 lamps

Code	Description	Code	Description
61922	LED10DP30S830/20	63026	LED10DP3/FL/TP
61923	LED10DP30S827/20	01410	LED10DP3/FL/TP
64326	LED10DP30W827/20	63027	LED10DP3L/FL/TP
61924	LED10DP3LS830/20	01411	LED10DP3L/FL/TP
61925	LED10DP3LS827/20		
68013	LED10DP30S827/35		
68014	LED10DP3LS827/35		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps		
					1	2	3
120	Lutron	S-10PR-WH	Push Switch	1000	Pass	Pass	Pass
		D-600PH-DK	Rotary	600	Pass	Pass	Pass
		Listed 6B38	Lever Switch	600	Pass	Pass	Pass
		S-600PR-LA	Push Switch	600	Pass	Pass	Pass
	Leviton	No.IPI10-1LM	Push Switch	1000	Pass	Pass	Pass
		# 6681	Rotary	600	Pass	Pass	Pass
	Ace	SKU # 3247913	Rotary	600	Pass	Pass	Pass

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# LED 12-watt dimmable High Output PAR 30 lamps

Code	Description	Code	Description
65135	LED12DP30S830/20	65139	LED12DP3LS830/20
65136	LED12DP30S830/35	65140	LED12DP3LS830/35
65137	LED12DP30S827/20	65141	LED12DP3LS827/20
65138	LED12DP30S827/35	65142	LED12DP3LS827/35
65985	LED12DP30S827/25	65986	LED12DP30W827/25
65987	LED12DP30B827/25	67256	LED12DP30S840/20
65133	LED12DP30S/FL/TP	67257	LED12DP30S840/35
65134	LED12DP3LS/FL/TP		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	DV-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass
		S-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		NT-600	Slide-to-Off	600	Pass	Pass	Pass	Pass	Pass
		V-600	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
	AY-600PNL/TG-600PNL	Slider-Preset	600	Pass	Pass	Pass	Pass	Pass	
	Leviton	6633	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		6681	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
	Cooper	RI06PL	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		9530-PT (REV. A)	Slide Dimmer	600	Pass	Pass	Pass	Pass	Pass
	Jasco	18019	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		18023	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
Lutron	MA-600	Up/Down w/ Switch	600	Pass	Pass	Pass	Pass	Pass	
	AB-600M	Up/Down w/ Switch	600	Pass	Pass	Pass	Pass	Pass	
Leviton	ATI06	Up/Down w/ Switch	600	Pass	Pass	Pass	Pass	Pass	
	TTI06	Touch	600	Pass	Pass	Pass	Pass	Pass	
Jasco	6161	Preset Buttons	500	Pass	Pass	Pass	Pass	Pass	
	18022	Touch	600	Pass	Pass	Pass	Pass	Pass	

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## LED 12-watt dimmable Retail PAR 30 lamps (High CRI)

Code	Description	Code	Description
67922	LED12DP30R930/15	68387	LED12DP3LR930/15
67923	LED12DP30R930/25	68388	LED12DP3LR930/25
67924	LED12DP30R930/40	68389	LED12DP3LR930/40
67925	LED12DP30R927/15	68390	LED12DP3LR927/15
67926	LED12DP30R927/25	68391	LED12DP3LR927/25
67927	LED12DP30R927/40	68392	LED12DP3LR927/40

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	DV-600P	Slider	600	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass
		S-600P	Slider	600	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary	600	Pass	Pass	Pass	Pass	Pass
		NT-600	Slider	600	Pass	Pass	Pass	Pass	Pass
		V-600	Slider	600	Pass	Pass	Pass	Pass	Pass
		AY-600PNL/TG-600PNL	Slider	600	Pass	Pass	Pass	Pass	Pass
	Leviton	MA-600	Buttons	600	Pass	Pass	Pass	Pass	Pass
		AB-600M	Buttons	600	Pass	Pass	Pass	Pass	Pass
		6633	Slider	600	Pass	Pass	Pass	Pass	Pass
		6681	Rotary	600	Pass	Pass	Pass	Pass	Pass
		AT106	Buttons	600	Pass	Pass	Pass	Pass	Pass
		TT106	Touch	600	Pass	Pass	Pass	Pass	Pass
		6161	Buttons	500	Pass	Pass	Pass	Pass	Pass
		Cooper	RIO6PL	Rotary	600	Pass	Pass	Pass	Pass
9530-PT (REV. A)*	Slider		600	Pass	Pass	Pass	Pass	Pass	
Jasco	18019	Rotary	600	Pass	Pass	Pass	Pass	Pass	
	18023	Slider	600	Pass	Pass	Pass	Pass	Pass	
	18022	Touch	600	Pass	Pass	Pass	Pass	Pass	

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## LED 12-watt and 20-watt dimmable indoor/outdoor PAR 38 lamps

Code	Description	Code	Description
64827	LED20DP38S830/15	66111	LED12DP38S830/12
64391	LED20DP38S830/25	66112	LED12DP38S830/25
64392	LED20DP38S830/40	66113	LED12DP38S830/35
64828	LED20DP38S827/15	66114	LED12DP38S827/12
64829	LED20DP38S827/25	66115	LED12DP38S827/25
64830	LED20DP38S827/40	66116	LED12DP38S827/35
65847	LED20DP38/FL/TP	66529	LED12DP38/FL/TP
66326	LED20DP38S840/15	68012	LED12DP38FL/TP-S
66327	LED20DP38S840/25		
66328	LED20DP38S840/40		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	S-10PR-WH	Slide	1000	Pass	Pass	Pass	Pass	Pass
		D-600PH-DK	Rotary	600	Pass	Pass	Pass	Pass	Pass
		Listed 6B38	Lever Switch	600	Pass	Pass	Pass	Pass	Pass
		S-600PR-LA	Slide	600	Add Lamp	Pass	Pass	Pass	Pass
	Leviton	No.IPI10-1LM	Slide	1000	Pass	Pass	Pass	Pass	Pass
		# 6681	Rotary	600	Pass	Pass	Pass	Pass	Pass
	Ace	SKU # 3247913	Rotary	600	Pass	Pass	Pass	Pass	Pass

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# LED 20-watt dimmable indoor/outdoor PAR38 lamps

Code	Description	Code	Description
68194	LED20DP38V830/12	68200	LED20DP38V840/12
68195	LED20DP38V830/25	68201	LED20DP38V840/25
68196	LED20DP38V830/40	68202	LED20DP38V840/40
68197	LED20DP38V827/12	68204	LED20DP38V/FL/TP
68198	LED20DP38V827/25		
68199	LED20DP38V827/40		

See testing notes.

Input Voltage (VAC)	Brand	Family	Model	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	Diva	DV-600P	600	Pass	Pass	Pass	Pass	Pass
		Diva (CFL/LED)	DVCL-153P	150	Pass	Pass	Pass	Pass	Pass
		Skylark	S-600P	600	Pass	Pass	Pass	Pass	Pass
		Skylark Contour (CFL/LED)	CTCL-153P	150	Pass	Pass	Pass	Pass	Pass
		Rotary	D-600P	600	Pass	Pass	Pass	Pass	Pass
		Nova T	NT-600	600	Pass	Pass	Pass	Pass	Pass
		Vareo	V-600	600	Pass	Pass	Pass	Pass	Pass
	Ariadni/Toggler	AY-600PNL/TG-600PNL	600	Pass	Pass	Pass	Pass	Pass	
	Leviton	SureSlide	6633	600	Pass	Pass	Pass	Pass	Pass
		TrimaTron	6681	600	Pass	Pass	Pass	Pass	Pass
	Cooper	React	RI06PL	600	Pass	Pass	Pass	Pass	Pass
		ASPIRE	9530-PT (REV. A)	600	Pass	Pass	Pass	Pass	Pass
	Jasco	GE	18019	600	Pass	Pass	Pass	Pass	Pass
			18023	600	Pass	Pass	Pass	Pass	Pass
Lutron	Maestro	MA-600	600	Pass	Pass	Pass	Pass	Pass	
	Abella	AB-600M	600	Pass	Pass	Pass	Pass	Pass	
Leviton	Acenti	ATI06	600	Pass	Pass	Pass	Pass	Pass	
	TrueTouch	TTI06	600	Pass	Pass	Pass	Pass	Pass	
Jasco	GE	Other Decora	6161	500	Pass	Pass	Pass	Pass	
		18022	600	Pass	Pass	Pass	Pass	Pass	

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## LED 2.2-watt dimmable candles

Code	Description	Code	Description
64045	LED2DCAC-F	67992	LED2DCAC-F/827
64046	LED2DCAC-C	67993	LED2DCAC-C/827
64047	LED2DCAM-F	67994	LED2DCAM-F/827
64048	LED2DCAM-C	67995	LED2DCAM-C/827

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	S-10PR-WH	Slide	1000	Pass	Pass	Pass	Pass	Pass
		D-600PH-DK	Rotary	600	Pass	Pass	Pass	Pass	Pass
		S-600PR-LA	Slide	600	Add Lamp	Pass	Pass	Pass	Pass
	Leviton	# 6681	Rotary	600	Pass	Pass	Pass	Pass	Pass
	Ace	SKU # 3247913	Rotary	600	Pass	Pass	Pass	Pass	Pass

## LED 9-watt and 13-watt dimmable general purpose A-19 lamps

Code	Description	Code	Description	Code	Description
65385	LED9DA19/830	65386	LED13DA19/830	85791	LED13DA192/827
66390	LED9DA19/827	64128	LED13DA19/830/TP	89899	LED13DA192/TP
64128	LED9DA19/830/TP	67968	LED13DA19/TP-S		
69255	LED13DA19/827	64130	LED13DA19/830/TP		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	DV-600P	Slider	600	Add Lamp	Pass	Pass	Pass	Pass
		DVCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass
		S-600P	Slider	600	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary	600	Pass	Pass	Pass	Pass	Pass
		NT-600	Slider	600	Pass	Pass	Pass	Pass	Pass
		V-600	Slider	600	Add Lamp	Pass	Pass	Pass	Pass
		AY-600PNL/TG-600PNL	Slider	600	Add Lamp	Pass	Pass	Pass	Pass
		MA-600	Buttons	600	Add Lamp	Pass	Pass	Pass	Pass
		AB-600M	Buttons	600	Add Lamp	Pass	Pass	Pass	Pass
	Leviton	6633	Slider	600	Pass	Pass	Pass	Pass	Pass
		AT106	Buttons	600	Add Lamp	Pass	Pass	Pass	Pass
		TT106	Touch	600	Add Lamp	Pass	Pass	Pass	Pass
		6161	Buttons	500	Add Lamp	Add Lamp	Pass	Pass	Pass
	Cooper	RIO6PL	Rotary	600	Pass	Pass	Pass	Pass	Pass
	9530-PT (REV. A)*	Slider	600	Pass	Pass	Pass	Pass	Pass	
Jasco	18019	Rotary	600	Pass	Pass	Pass	Pass	Pass	
	18023	Slider	600	Pass	Pass	Pass	Pass	Pass	
	18022	Touch	600	Add Lamp	Pass	Pass	Pass	Pass	

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# LED 27-watt dimmable general purpose A-19 lamps

Code	Description
69517	LED27DA19/830/TP
69518	LED27DA19/830

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps					
					1	2	3	4	5	
120	Lutron	DV-600P	Slider	600	Pass	Pass	Pass	Pass	Pass	
		DVCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass	
		S-600P	Slider	600	Pass	Pass	Pass	Pass	Pass	
		CTCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass	
		D-600P	Rotary	600	Pass	Pass	Pass	Pass	Pass	
		NT-600	Slider	600	Pass	Pass	Pass	Pass	Pass	
		V-600	Slider	600	Pass	Pass	Pass	Pass	Pass	
		AY-600PNL/TG600PNL	Slider	600	Pass	Pass	Pass	Pass	Pass	
		MA-600	Buttons	600	Pass	Pass	Pass	Pass	Pass	
		AB-600M	Buttons	600	Pass	Pass	Pass	Pass	Pass	
		Leviton	6633	Slider	600	Pass	Pass	Pass	Pass	Pass
			AT106	Buttons	600	Pass	Pass	Pass	Pass	Pass
			TT106	Touch	600	Pass	Pass	Pass	Pass	Pass
		Jasco	6161	Buttons	500	Pass	Add lamp	Pass	Pass	Pass
18019	Rotary		600	Pass	Pass	Pass	Pass	Pass		
18023	Slider		600	Pass	Pass	Pass	Pass	Pass		
		18022	Touch	600	Pass	Pass	Pass	Pass		

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# LED 7-watt and 11-watt dimmable general purpose A-19 lamps

Code	Description	Code	Description
68015	LED11DA19V-W/TP	68016	LED7DA19V-W/TP
01723	LED11DA19V-WCDN	01724	LED7DA19V-WCDN
69058	LED11DA19V-S/TP	69059	LED7DA19V-S/TP
69308	LED11DA19V-S/S8	68018	LED7DA19V/827W
69730	LED11DA19V-S/S3		
68017	LED11DA19V/827W		

See testing notes.

Input Voltage (VAC)	Brand	Family	Model	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	Diva	DV-600P	600	Pass	Pass	Pass	Pass	Pass
		Diva (CFL/LED)	DVCL-153P	150	Pass	Pass	Pass	Pass	Pass
		Skylark	S-600P	600	Pass	Pass	Pass	Pass	Pass
		Skylark Contour (CFL/LED)	CTCL-153P	150	Pass	Pass	Pass	Pass	Pass
	Lutron	Rotary	D-600P	600	Pass	Pass	Pass	Pass	Pass
		Nova T	NT-600	600	Pass	Pass	Pass	Pass	Pass
		Vareo	V-600	600	Pass	Pass	Pass	Pass	Pass
	Leviton	Ariadni/Taggler	AY-600PNL/TG-600PNL	600	Pass	Pass	Pass	Pass	Pass
		SureSlide	6633	600	Pass	Pass	Pass	Pass	Pass
	Cooper	TrimaTron	6681	600	Pass	Pass	Pass	Pass	Pass
		React	RI06PL	600	Pass	Pass	Pass	Pass	Pass
	Jasco	ASPIRE	9530-PT (REV. A)	600	Pass	Pass	Pass	Pass	Pass
		GE	18019	600	Pass	Pass	Pass	Pass	Pass
	Lutron	GE	18023	600	Pass	Pass	Pass	Pass	Pass
		Maestro	MA-600	600	Add lamp	Pass	Pass	Pass	Pass
	Leviton	Abella	AB-600M	600	Add lamp	Add lamp	Pass	Pass	Pass
Acenti		ATI06	600	Add lamp	Add lamp	Pass	Pass	Pass	
Jasco	Other Decora	6161	500	Pass	Pass	Pass	Pass	Pass	
	GE	18022	600	Add lamp	Add lamp	Pass	Pass	Pass	

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## LED 7-watt general purpose A-19 lamps - GEN 2

Code	Description	Code	Description
89884	LED7DA19V2-S/TP	89984	LED7DA19V2/827W
89887	LED7DA19V2/-W/TP		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Noise with Dimmer	Number of Lamps				
						1	2	3	4	5
120	Lutron	DV-600P	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider - Preset	150	N	Add Lamp	Add Lamp	Pass	Pass	Pass
		S-600P	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider - Preset	150	N	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		NT-600	Slide-to-Off	600	N	Pass	Pass	Pass	Pass	Pass
		V-600	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		AY-600PNL/TG-600PNL	Slider-Preset	600	N	Pass	Pass	Pass	Pass	Pass
	Leviton	6633	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		6681	Rotary - Preset	600	N	Pass	Pass	Pass	Pass	Pass
	Cooper	RI06PL	Rotary - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		9530-PT (REV. A)	Slide Dimmer	600	N	Pass	Pass	Pass	Pass	Pass
	Jasco	18019	Rotary - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		18023	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
	Lutron	MA-600	Up/Down w/ Switch	600	N	Pass	Pass	Pass	Pass	Pass
		AB-600M	Up/Down w/ Switch	600	N	Pass	Pass	Pass	Pass	Pass
Leviton	ATI06	Up/Down w/ Switch	600	N	Pass	Pass	Pass	Pass	Pass	
	TTI06-1	Touch	600	N	Pass	Pass	Pass	Pass	Pass	
Jasco	6161	Preset Buttons	500	N	Pass	Pass	Pass	Pass	Pass	
	18022	Touch	600	N	Pass	Pass	Pass	Pass	Pass	

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# LED 11-watt general purpose A-19 lamps - GEN 2

Code	Description	Code	Description
89983	LED11DA19V2/827W	89888	LED11DA19V2-W/TP
89885	LED11DA19V2-S/TP		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Noise with Dimmer	Number of Lamps				
						1	2	3	4	5
120	Lutron	DV-600P	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider - Preset	150	N	Add Lamp	Pass	Pass	Pass	Pass
		S-600P	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider - Preset	150	N	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		NT-600	Slide-to-Off	600	N	Pass	Pass	Pass	Pass	Pass
		V-600	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		AY-600PNL/TG-600PNL	Slider-Preset	600	N	Pass	Pass	Pass	Pass	Pass
	Leviton	6633	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		6681	Rotary - Preset	600	N	Add Lamp	Add Lamp	Add Lamp	Add Lamp	Add Lamp
	Cooper	RI06PL	Rotary - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		9530-PT (REV. A)	Slide Dimmer	600	N	Pass	Pass	Pass	Pass	Pass
	Jasco	18019	Rotary - Preset	600	N	Pass	Pass	Pass	Pass	Pass
		18023	Slider - Preset	600	N	Pass	Pass	Pass	Pass	Pass
	Lutron	MA-600	Up/Down w/ Switch	600	N	Add Lamp	Pass	Pass	Pass	Pass
		AB-600M	Up/Down w/ Switch	600	N	Pass	Pass	Pass	Pass	Pass
	Leviton	ATI06	Up/Down w/ Switch	600	N	Pass	Pass	Pass	Pass	Pass
		TTI06-1	Touch	600	N	Pass	Pass	Pass	Pass	Pass
6161		Preset Buttons	500	N	Pass	Pass	Pass	Pass	Pass	
Jasco	18022	Touch	600	N	Pass	Pass	Pass	Pass	Pass	

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# LED 7-watt dimmable MR16 lamps (includes 7X) - Generation 1

Code	Description	Code	Description
66127	LED7DMR16/830/15	66130	LED7DMR16/827/15
66128	LED7DMR16/830/25	66131	LED7DMR16/827/25
66129	LED7DMR16/830/35	66132	LED7DMR16/827/35
66126	LED7DMR16/NFL/TP	66524	LED7XDMR16830/25
67843	LED7DMR16/840/15	66525	LED7XDMR16830/35
67844	LED7DMR16/840/25	66526	LED7XDMR16827/25
67845	LED7DMR16/840/35	66527	LED7XDMR16827/35

**Note:** Certain combinations of transformers and dimmers may not operate properly. Please refer to "Important Notice" on page 1. Use on dimming circuits with magnetic transformers is not recommended

See testing notes.

Input Voltage (VAC)	Transformer	Dimmer Brand	Dimmer Model	Feature	Power Rating (W)	Number of Lamps 1*
120	Hatch RS12-30M LED	Lutron	Diva DVELV-300P	Slide	300	Pass
			Skylark SELV-300P	Slide	300	Pass
			LyneoLX LXELV-600PL	Slide	600	Pass
			Maestro MAELV-600	Slide	300-600	Pass
			Spacer System SPSELV-600	Slide	300-600	Pass
			Nova NELV-450	Slide	300-500	Pass
			NovaT NTELV-300	Slide	300	Pass
	Hatch RS12-60M LED	Lutron	Radio RA RAELV-500L	Slide	300-500	Pass
			Diva DVELV-300P	Slide	300	Pass
			Skylark SELV-300P	Slide	300	Pass
			LyneoLX LXELV-600PL	Slide	600	Pass
			Maestro MAELV-600	Slide	300-600	Pass
			Spacer System SPSELV-600	Slide	300-600	Pass
			Nova NELV-450	Slide	300-500	Pass
230	Philips Massive 10W	Bush Jager	6513U102	Rotary	40-420	Pass
			Niko	Rotary	35-320	Pass
			Siemens	Rotary	20-600	Pass
			PEHA	Rotary	20-315	Pass
			09-O17	Rotary	35-320	Pass
			5T08284	Rotary	20-600	Pass
			433HAB	Rotary	20-315	Pass

\*Note: Tested conducted with one dimmer, one transformer and one lamp per transformer.

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# LED 7-watt dimmable MR16 lamps (includes 7X) - Generation 2 (Part 1 of 2)

Code	Description	Code	Description
69919	LED7DMR16D830/15	69925	LED7DMR16D840/15
69920	LED7DMR16D830/25	69926	LED7DMR16D840/25
69921	LED7DMR16D830/35	69927	LED7DMR16D840/35
69922	LED7DMR16D827/15	69949	LED7XDMR16D83025
69923	LED7DMR16D827/25	69950	LED7XDMR16D83035
69924	LED7DMR16D827/35	69951	LED7XDMR16D82725
		69952	LED7XDMR16D82735

**Note:** Certain combinations of transformers and dimmers may not operate properly. Please refer to "Important Notice" on page 1. Use on dimming circuits with magnetic transformers is not recommended

See testing notes.

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

The dimmers and transformers should be used in this configuration:

- a. Leading edge dimmer (RL) + Magnetic transformer
- b. Trailing edge dimmer (RC) + Electronic transformer

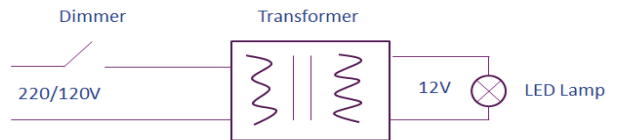
## 2. Caution:

We don't recommend the use of Leading edge(RL) + Electronic transformer on MR16 LEDs. It has higher risk of flicker, noise, and distortion of mains voltage.

Dimmer/ Load type	Incandescent (R type)	Magnetic transformer (L type)	Electronic transformer (C type)
Leading edge/R type	√	×	×
Leading edge/RL type	√	√	×
Trailing edge/RC type	√	×	√

## 3. About "dimming system"

Used in hotels and hotels, it's normally for multi-lamp controls and has leading edge and trailing edge modules. Similarly, the leading edge module should be used with magnetic transformer and trailing edge with electronic transformer.



## 4. How we define lamp and transformer number in dimming test

### Household dimmer (rotary/slide dimmer):

Normally one transformer per dimmer. Test one lamp per low power rating transformer and two lamps per highpower rating transformer.

### Dimming system:

Normally we test 5 transformers in parallel, considering its multi-lamp application. Test one lamp per low power rating transformer and two lamps per high power rating transformer.

## 5A. Testing Results for 120V/60HZ - Slide/Rotary Dimmer

				Transformer												
No flicker in stable dimming status				Brand	Hatch						Solution	Lightech				
Slight flicker at >10% dimming level or flicker below 10% dimming level (severe or slight)				Model	RS12 60M LED	RS12 30M LED	RS12 15M LED	VS12-60WD	RS12 60M	RS12 80M	NET-1075	LET75	LET60 LW	LET60		
Cannot dim, obvious flicker				Type	Electronic											
Dimmer	Brand	Family	Type	Model	1 Lamp, 1 Transformer per Dimmer											
	Lutron	Diva	Trailing/ RC	DVELV-300P												
				SELV-300P												
				LXELV-600PL												
				MAELV-600												
				SPSELV-600												
				RA-5NE												
				NTELV-300												
				NELV-450												

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# LED 7-watt dimmable MR16 lamps (includes 7X) - Generation 2 (Part 2 of 2)

## 5B. Testing Results for 120V/60HZ - Dimming System

	No flicker in stable dimming status			Transformer					
	Slight flicker at >10% dimming level or flicker below 10% dimming level (severe or slight)			Brand	---	Solution	Lightech		
	Cannot dim, obvious flicker			Model	100W	NET-1075	LET75	LET60 LW	LET60
Dimmer				Type	Magnetic Transformer	Electronic			
	Brand	Family	Type	Model	5 transformers in parallel, one lamp per transformer	5 transformers in parallel, one lamp per transformer			
	Lutron	LM2-2000	Leading/RL module	LM-2-2000					

## LED 10-watt and 12-watt dimmable Reflector lamps BR30 and Floodlight lamps

Code	Description	Code	Description
65389	LED12DBR30/827	68158	LED10DR30V-W/TP
65390	LED12DBR30/830	69060	LED10DR30V-S/TP
65388	LED12DBR30/TP	69151	LED10DR30V-S/S
66516	LED12DBR30/TP-S	68160	LED10DR30V/827W
69728	LED10DR30V-S/S5	68161	LED10DR30V/830W

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	DV-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass
		S-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
	Leviton	NT-600	Slide-to-Off	600	Pass	Pass	Pass	Pass	Pass
		V-600	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		AY-600PNL/TG-600PNL	Slider-Preset	600	Pass	Pass	Pass	Pass	Pass
		6633	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		6681	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
Cooper	RI06PL	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass	
	9530-PT (REV. A)	Slide Dimmer	600	Pass	Pass	Pass	Pass	Pass	
Jasco	18019	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass	
	18023	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass	

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# LED 7-watt RS20 dimmable Reflector lamps

Code	Description
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78385 LED7DRS20F-S/TP

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	DV-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider - Preset	150	Add lamp	Pass	Pass	Pass	Pass
		S-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		NT-600	Slide-to-Off	600	Pass	Pass	Pass	Pass	Pass
		V-600	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		AY-600PNL/TG-600PNL	Slider-Preset	600	Pass	Pass	Pass	Pass	Pass
	Leviton	6633	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		6681	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
	Cooper	RI06PL	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		9530-PT (REV. A)	Slide Dimmer	600	Pass	Pass	Pass	Pass	Pass
	GE	18019	Push on/off	600	Pass	Pass	Pass	Pass	Pass
	Leviton	ATI06	Up/Down w/ Switch	600	Pass	Pass	Pass	Pass	Pass
		6161	Preset Buttons	500	Pass	Pass	Pass	Pass	Pass

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## LED 3.5-watt and 4.5-watt dimmable Decorative lamps (Candle, G16.5, G25, A15)

Code	Description	Code	Description
68165	LED4DCAC-F/TP	68169	LED4DG16C-W/TP
68166	LED3DCAC-C/TP	68170	LED4DG16C-C/TP
68167	LED4DCAM-F/TP	68171	LED4DG25M-W/TP
68168	LED3DCAM-C/TP	68172	LED4DG25M-C/TP
68173	LED4DA15-W/TP		
68174	LED4DA15-C/TP		

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	DV-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass
		S-600P	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider - Preset	150	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		NT-600	Slide-to-Off	600	Pass	Pass	Pass	Pass	Pass
		V-600	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
	AY-600PNL/TG-600PNL	Slider-Preset	600	Pass	Pass	Pass	Pass	Pass	
	Leviton	6633	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass
		6681	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
	Cooper	RI06PL	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		9530-PT (REV. A)	Slide Dimmer	600	Pass	Pass	Pass	Pass	Pass
	Jasco	18019	Rotary - Preset	600	Pass	Pass	Pass	Pass	Pass
		18023	Slider - Preset	600	Pass	Pass	Pass	Pass	Pass

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## LED 26-watt dimmable indoor/outdoor PAR38 lamps

Code	Description	Code	Description
68183	LED26DP38S830/12	68181	LED26DP38S-FL/TP
68184	LED26DP38S830/25	68182	LED26DP38S840/40
68185	LED26DP38S830/40		

See testing notes.

Input Voltage (VAC)	Analog /Digital	Brand	Family	Model	Power Rating (W)	Number of Lamps			
						1	2	3	4
120	Analog	Lutron	Diva	DV-600P	600	Pass	Pass	Pass	Pass
			Diva (CFL/LED)	DVCL-153P	150	Pass	Pass	Pass	Pass
			Skylark	S-600P	600	Pass	Pass	Pass	Pass
			Skylark Contour (CFL/LED)	CTCL-153P	150	Pass	Pass	Pass	Pass
			Rotary	D-600P	600	Pass	Pass	Pass	Pass
			Nova T	NT-600	600	Pass	Pass	Pass	Pass
		Vareo	V-600	600	Pass	Pass	Pass	Pass	
		Ariadni/Toggler	AY-600PNL/TG-600PNL	600	Pass	Pass	Pass	Pass	
		Leviton	SureSlide	6633	600	Pass	Pass	Pass	Pass
			TrimaTron	6681	600	Pass	Pass	Pass	Pass
		Cooper	React	RI06PL	600	Pass	Pass	Pass	Pass
			ASPIRE	9530-PT (REV. A)	600	Pass	Pass	Pass	Pass
	Jasco	GE	18019	600	Pass	Pass	Pass	Pass	
			18023	600	Pass	Pass	Pass	Pass	
	Digital	Lutron	Maestro	MA-600	600	Pass	Pass	Pass	Pass
			Abella	AB-600M	600	Pass	Pass	Pass	Pass
		Leviton	Acenti	ATI06	600	Pass	Pass	Pass	Pass
			TrueTouch	TTI06	600	Pass	Pass	Pass	Pass
Jasco		GE	Other Decora	6161	500	Pass	Pass	Pass	Pass
			18022	600	Pass	Pass	Pass	Pass	

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# LED 12-watt Retail PAR38 lamps

Code	Description	Code	Description
63228	LED12DP38W830/15	63330	LED12DP38W930/15
63233	LED12DP38W830/25	63331	LED12DP38W930/25
63235	LED12DP38W830/40	63332	LED12DP38W930/40
63239	LED12DP38W827/15	63333	LED12DP38W927/15
63323	LED12DP38W827/25	63334	LED12DP38W927/25
63329	LED12DP38W827/40	63343	LED12DP38W927/40

See testing notes.

Input Voltage (VAC)	Brand	Model	Feature	Power Rating (W)	Number of Lamps				
					1	2	3	4	5
120	Lutron	DV-600P	Slider	600	Pass	Pass	Pass	Pass	Pass
		DVCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass
		S-600P	Slider	600	Pass	Pass	Pass	Pass	Pass
		CTCL-153P	Slider	150	Pass	Pass	Pass	Pass	Pass
		D-600P	Rotary	600	Pass	Pass	Pass	Pass	Pass
		NT-600	Slider	600	Pass	Pass	Pass	Pass	Pass
		V-600	Slider	600	Pass	Pass	Pass	Pass	Pass
		AY-600PNL/TG-600PNL	Slider	600	Pass	Pass	Pass	Pass	Pass
		MA-600	Buttons	600	Pass	Pass	Pass	Pass	Pass
	AB-600M	Buttons	600	Pass	Pass	Pass	Pass	Pass	
	Leviton	6633	Slider	600	Pass	Pass	Pass	Pass	Pass
		AT106	Buttons	600	Pass	Pass	Pass	Pass	Pass
		TT106	Touch	600	Pass	Pass	Pass	Pass	Pass
	Cooper	6161	Buttons	500	Pass	Pass	Pass	Pass	Pass
		RIO6PL	Rotary	600	Pass	Pass	Pass	Pass	Pass
Jasco	9530-PT (REV. A)*	Slider	600	Pass	Pass	Pass	Pass	Pass	
	18019	Rotary	600	Pass	Pass	Pass	Pass	Pass	
	18023	Slider	600	Pass	Pass	Pass	Pass	Pass	
		18022	Touch	600	Pass	Pass	Pass	Pass	

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