



# LED Lamps - Title 20



## LED Lamps Title 20

Effective January 1, 2018 the California Energy Commission mandated new efficiency requirements for LED replacement lamps manufactured on or after January 1, 2018. This is a California regulation only and does not apply to any other state. Tier 2 standards became effective July 1, 2019.

### LEARN MORE:

To learn more about saving money and energy, go to [www.LED.com](http://www.LED.com).

For more information contact your Current sales representative. Full California Title 20 Requirements related to Lighting Products may be found at:

<http://www.energy.ca.gov/appliances>

### PRODUCTS INCLUDED AND BASIC REQUIREMENTS:

#### **General Service, Directional, Recessed Can Retrofit, and Decorative LED Lamps with E12, E17, E26 and GU-24 bases.**

LED lamps manufactured on or after July 1, 2019, shall meet the following performance criteria:

- Average CRI of 82 or greater
- Power Factor of 0.7 or greater
- Rated life of 10,000 hours or more
- Minimum efficacy of 80 lm/W
- Compliance score (efficacy + 2.3 x CRI) of 297 or greater
- Light distribution:
  - Omidirectional lamps (A-Lamps) meet ENERGY STAR® Lamps v2.0 requirements
  - Decorative lamps (B, BA, C, CA, F, or G) meet ENERGY STAR® Lamps v1.1 requirements

#### **Small-Diameter Directional Lamps (MR16 with Pin-bases)**

Beginning January 1, 2018, regulated lamps shall meet the following criteria:

- Rated life of 25,000 hours or greater
- Efficacy of at least 80lm/W or efficacy of at least 70 lm/W and Compliance Score (efficacy + CRI) of 165 or greater.



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CUSTOMER NAME \_\_\_\_\_  
 PROJECT NAME \_\_\_\_\_  
 DATE \_\_\_\_\_ NOTES \_\_\_\_\_

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Bulb Shape	Base Type	Watts	Order Code	Description	Inner Pack Lamp Qty	Outer Carton Lamp Qty <sup>2</sup>	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replacement	Rated Life L70 (Hrs) <sup>1</sup>	Dimmable	ENERGY STAR <sup>®</sup> Status
A19	E26	5.5	93305532	LED6DA19/927/E-4PK	4	24	450	2700K	90	40	15,000	Yes	★
A19	E26	5.5	93305533	LED6DA19/950/E-4PK	4	24	450	5000K	90	40	15,000	Yes	★
A19	E26	10	93305534	LED10DA19/927/E-4PK	4	24	800	2700K	90	60	15,000	Yes	★
A19	E26	10	93305535	LED10DA19/950/E-4PK	4	24	800	5000K	90	60	15,000	Yes	★
A19	E26	13	93305536	LED13DA19/927-4PK	4	24	1100	2700K	90	75	15,000	Yes	★
A19	E26	13	93305537	LED13DA19/950-4PK	4	24	1100	5000K	90	75	15,000	Yes	★
A19	E26	15	93305538	LED15DA19/927-4PK	4	24	1600	2700K	90	100	15,000	Yes	★
A19	E26	15	93305539	LED15DA19/950-4PK	4	24	1600	5000K	90	100	15,000	Yes	★
A19	E26	6	42975	LED6DASW9C-4PK^	4	24	450	2700K	90	40	15,000	Yes	★
A19	E26	6	42976	LED6DADL9C-4PK^	4	24	450	5000K	90	40	15,000	Yes	★
A19	E26	6	98255	LED6DASW9-2P^	2	8	450	2700K	90	40	15,000	Yes	-
A19	E26	10.5	42977	LED10DASW9C-4PK^	4	24	800	2700K	90	60	15,000	Yes	★
A19	E26	10.5	42978	LED10DADL9C-4PK^	4	24	800	5000K	90	60	15,000	Yes	★
A19	E26	10.5	96685	LED10DASW9-2P^	2	8	800	2700K	90	60	15,000	Yes	★
G25	E26	4.5	43269	LED5DG25-GWSW9C3^	3	18	350	2700K	90	40	15,000	Yes	-
MR16	GU5.3	6.5	75153	LED6.5DMR16W83015	1	6	520	3000K	80	50	25,000	Yes	★
MR16	GU5.3	6.5	75158	LED6.5DMR16W84015	1	6	550	4000K	80	50	25,000	Yes	★
MR16	GU5.3	6.5	93222	LED6.5DMR16W83025	1	6	520	3000K	80	50	25,000	Yes	★
MR16	GU5.3	6.5	93228	LED6.5DMR16W84025	1	6	550	4000K	80	50	25,000	Yes	★
MR16	GU5.3	6.5	93223	LED6.5DMR16W83035	1	6	520	3000K	80	50	25,000	Yes	★
MR16	GU5.3	6.5	93229	LED6.5DMR16W84035	1	6	550	4000K	80	50	25,000	Yes	★
R20	E26	5	45545	LED5DR209CSW^	1	6	450	2700K	92	45	15,000	Yes	-
BR30	E26	8	93305498	LED8DBR30/927-6PK	6	24	650	2700K	90	65	15,000	Yes	★
BR30	E26	8	93305499	LED8DBR30/930-6PK	6	24	650	3000K	90	65	15,000	Yes	★
BR30	E26	8	93305510	LED8DBR30/940-6PK	6	24	650	4000K	90	65	15,000	Yes	★
BR30	E26	8	93305512	LED8DBR30/950-6PK	6	24	650	5000K	90	65	15,000	Yes	★
BR40	E26	11	43058	LED11DBR409CSW^	1	6	950	2700K	90	65	15,000	Yes	-
PAR20	E26	7	45441	LED7DP209CSW-1P^	1	6	500	2700K	90	50	15,000	Yes	-
PAR30	E26	12	43094	LED12DP309CSW2P^	1	12	900	2700K	90	75	15,000	Yes	-

<sup>1</sup> The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)

<sup>2</sup> Minimum order quantity = Carton Qty

★ ENERGY STAR<sup>®</sup> status: ENERGY STAR<sup>®</sup> certified. Lamps without a "★" are not ENERGY STAR<sup>®</sup> certified.

^ GE Lighting, a Savant company, lamp, distributed Current Lighting Solutions, LLC.

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