



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.

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<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

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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LED Lamps - Title 20 (A-Line)

| Bulb Shape | Base Type | Watts | Order Code | Description | Inner Pack Lamp Qty | Outer Carton Lamp Qty ² | Lumens (Initial) | Color Temp. (Initial) | CRI | Wattage Replacement | Rated Life L70 (Hrs) ¹ | Dimmable |
|------------|-----------|-------|------------|---------------------|---------------------|------------------------------------|------------------|--|-----|---------------------|-----------------------------------|----------|
| A15 | E26 | 3.5 | 93312022 | LED4DFA15-W/927 | 1 | 12 | 300 | 2700K | 90 | 40 | 15,000 | Yes |
| A19 | E26 | 4.5 | 93319141 | LED5DFA19/927/E-W | 1 | 24 | 450 | 2700K | 90 | 40 | 15,000 | Yes |
| A19 | E26 | 4.5 | 93319147 | LED5DFA19/927/E-C | 1 | 24 | 450 | 2700K | 90 | 40 | 15,000 | Yes |
| 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 | 6 | 93313531 | LED6DA19/9SC/E | 1 | 24 | 480 | 2700K* 3000K 3500K 4000K 5000K | 90 | 40 | 15,000 | Yes |
| A19 | E26 | 7 | 93319153 | LED7DFA19/927/E-W | 1 | 24 | 800 | 2700K | 90 | 60 | 15,000 | Yes |
| A19 | E26 | 7 | 93319159 | LED7DFA19/927/E-C | 1 | 24 | 800 | 2700K | 90 | 60 | 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 | 10 | 93313549 | LED10DA19/9SC/E | 1 | 24 | 800 | 2700K* 3000K 3500K 4000K 5000K | 90 | 60 | 15,000 | Yes |
| A19 | E26 | 8 | 93319165 | LED8DFA19/927-W | 1 | 24 | 1100 | 2700K | 90 | 75 | 15,000 | Yes |
| A19 | E26 | 8 | 93319171 | LED8DFA19/927-C | 1 | 24 | 1100 | 2700K | 90 | 75 | 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 | 13 | 93313543 | LED13DA19/9SC | 1 | 24 | 1100 | 2700K* 3000K 3500K 4000K 5000K | 90 | 75 | 15,000 | Yes |
| A19 | E26 | 12 | 93319177 | LED12DFA19/927-W | 1 | 24 | 1600 | 2700K | 90 | 100 | 15,000 | Yes |
| A19 | E26 | 12 | 93319183 | LED12DFA19/927-C | 1 | 24 | 1600 | 2700K | 90 | 100 | 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 | 15 | 93313537 | LED15DA19/9SC | 1 | 24 | 1600 | 2700K* 3000K 3500K 4000K 5000K | 90 | 100 | 15,000 | Yes |

LED Lamps - Title 20 (Decorative)

| Bulb Shape | Base Type | Watts | Order Code | Description | Inner Pack Lamp Qty | Outer Carton Lamp Qty ² | Lumens (Initial) | Color Temp. (Initial) | CRI | Wattage Replacement | Rated Life L70 (Hrs) ¹ | Dimmable |
|------------|-----------|-------|------------|-----------------|---------------------|------------------------------------|------------------|-----------------------|-----|---------------------|-----------------------------------|----------|
| CA/B | E12 | 3.5 | 93312028 | LED4DFCAC-C/927 | 1 | 12 | 300 | 2700K | 90 | 40 | 15,000 | Yes |
| CA/B | E26 | 3.5 | 93319160 | LED4DFCAM-C/927 | 1 | 12 | 300 | 2700K | 90 | 40 | 15,000 | Yes |
| G25 | E26 | 4 | 93319163 | LED4DFG25-C/927 | 1 | 12 | 350 | 2700K | 90 | 40 | 15,000 | Yes |
| G25 | E26 | 4 | 93319166 | LED4DFG25-W/927 | 1 | 12 | 350 | 2700K | 90 | 40 | 15,000 | Yes |

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

² Minimum order quantity = Carton Qty

Information provided is subject to change without notice. Please verify all details with Current. All values are design or typical values when measured under laboratory conditions, and Current makes no warranty or guarantee, expressed or implied, that such performance will be obtained under end-use conditions.



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LED Lamps - Title 20 (MR16)

| Bulb Shape | Base Type | Watts | Order Code | Description | Inner Pack Lamp Qty | Outer Carton Lamp Qty ² | Lumens (Initial) | Color Temp. (Initial) | CRI | Wattage Replacement | Rated Life L70 (Hrs) ¹ | Dimmable |
|------------|-----------|-------|------------|-------------------|---------------------|------------------------------------|------------------|-----------------------|-----|---------------------|-----------------------------------|----------|
| 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 |

LED Lamps - Title 20 (Reflector)

| Bulb Shape | Base Type | Watts | Order Code | Description | Inner Pack Lamp Qty | Outer Carton Lamp Qty ² | Lumens (Initial) | Color Temp. (Initial) | CRI | Wattage Replacement | Rated Life L70 (Hrs) ¹ | Dimmable |
|------------|-----------|-------|------------|-------------------|---------------------|------------------------------------|------------------|--|-----|---------------------|-----------------------------------|----------|
| R20 | E26 | 5.5 | 93318859 | LED5DR20/9SC | 1 | 6 | 500 | 2700K 3000K* 3500K 4000K 5000K | 90 | 45 | 15,000 | Yes |
| R20 | E26 | 5.5 | 9331895 | LED5DR20/927 | 1 | 6 | 500 | 2700K | 90 | 45 | 15,000 | Yes |
| R20 | E26 | 5.5 | 9331896 | LED5DR20/930 | 1 | 6 | 500 | 3000K | 90 | 45 | 15,000 | Yes |
| BR30 | E26 | 8 | 93318865 | LED8DBR30/9SC | 1 | 6 | 650 | 2700K 3000K* 3500K 4000K 5000K | 90 | 65 | 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 | 12 | 93318871 | LED12DBR40/9SC | 1 | 6 | 1050 | 2700K 3000K* 3500K 4000K 5000K | 90 | 65 | 15,000 | Yes |
| BR40 | E26 | 12 | 9331897 | LED12DBR40/927 | 1 | 6 | 1050 | 2700K | 90 | 65 | 15,000 | Yes |
| BR40 | E26 | 12 | 9331898 | LED12DBR40/930 | 1 | 6 | 1050 | 3000K | 90 | 65 | 15,000 | Yes |
| BR40 | E26 | 12 | 9331899 | LED12DBR40/950 | 1 | 6 | 1050 | 5000K | 90 | 65 | 15,000 | Yes |

LED Lamps - Title 20 (PAR20)

| Bulb Shape | Base Type | Watts | Order Code | Description | Inner Pack Lamp Qty | Outer Carton Lamp Qty ² | Lumens (Initial) | Color Temp. (Initial) | CRI | Wattage Replacement | Rated Life L70 (Hrs) ¹ | Dimmable |
|------------|-----------|-------|------------|------------------|---------------------|------------------------------------|------------------|-----------------------|-----|---------------------|-----------------------------------|----------|
| PAR20 | E26 | 7 | 93311900 | LED7DP20CW927/35 | 1 | 6 | 500 | 2700K | 90 | 50 | 25,000 | Yes |
| PAR20 | E26 | 7 | 93311901 | LED7DP20OB927/35 | 1 | 6 | 500 | 2700K | 90 | 50 | 25,000 | Yes |
| PAR20 | E26 | 7 | 93311902 | LED7DP20CW930/35 | 1 | 6 | 520 | 3000K | 90 | 50 | 25,000 | Yes |
| PAR20 | E26 | 7 | 93311903 | LED7DP20OB930/35 | 1 | 6 | 520 | 3000K | 90 | 50 | 25,000 | Yes |
| PAR20 | E26 | 10 | 93318877 | LED10DP20W930/35 | 1 | 6 | 900 | 3000K | 90 | 100 | 25,000 | Yes |

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

² Minimum order quantity = Carton Qty

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LED Lamps - Title 20 (PAR30)

| Bulb Shape | Base Type | Watts | Order Code | Description | Inner Pack Lamp Qty | Outer Carton Lamp Qty ² | Lumens (Initial) | Color Temp. (Initial) | CRI | Wattage Replacement | Rated Life L70 (Hrs) ¹ | Dimmable |
|------------|-----------|-------|------------|--------------------|---------------------|------------------------------------|------------------|-----------------------|-----|---------------------|-----------------------------------|----------|
| PAR30 | E26 | 12 | 93311923 | LED12DP30RW927/25 | 1 | 6 | 1050 | 2700K | 90 | 75 | 25,000 | Yes |
| PAR30 | E26 | 12 | 93311924 | LED12DP30RW927/40 | 1 | 6 | 1050 | 2700K | 90 | 75 | 25,000 | Yes |
| PAR30 | E26 | 12 | 93311925 | LED12DP30RB927/40 | 1 | 6 | 1050 | 2700K | 90 | 75 | 25,000 | Yes |
| PAR30 | E26 | 12 | 93311926 | LED12DP30RW930/25 | 1 | 6 | 1050 | 3000K | 90 | 75 | 25,000 | Yes |
| PAR30 | E26 | 12 | 93311927 | LED12DP30RW930/40 | 1 | 6 | 1050 | 3000K | 90 | 75 | 25,000 | Yes |
| PAR30L | E26 | 12 | 93312005 | LED12DP30LRW927/25 | 1 | 6 | 1050 | 2700K | 90 | 75 | 25,000 | Yes |
| PAR30L | E26 | 12 | 93312006 | LED12DP30LRW927/40 | 1 | 6 | 1050 | 2700K | 90 | 75 | 25,000 | Yes |
| PAR30L | E26 | 12 | 93312007 | LED12DP30LRW930/25 | 1 | 6 | 1050 | 3000K | 90 | 75 | 25,000 | Yes |
| PAR30L | E26 | 12 | 93312008 | LED12DP30LRW930/40 | 1 | 6 | 1050 | 3000K | 90 | 75 | 25,000 | Yes |
| PAR30L | E26 | 12 | 93316394 | LED12DP30LRB930/40 | 1 | 6 | 1050 | 3000K | 90 | 75 | 25,000 | Yes |
| PAR30L | E26 | 20 | 93318893 | LED20DP30LW930/35 | 1 | 6 | 2100 | 3000K | 90 | 150 | 25,000 | Yes |

LED Lamps - Title 20 (PAR38)

| Bulb Shape | Base Type | Watts | Order Code | Description | Inner Pack Lamp Qty | Outer Carton Lamp Qty ² | Lumens (Initial) | Color Temp. (Initial) | CRI | Wattage Replacement | Rated Life L70 (Hrs) ¹ | Dimmable |
|------------|-----------|-------|------------|----------------------|---------------------|------------------------------------|------------------|-----------------------|-----|---------------------|-----------------------------------|----------|
| PAR38 | E26 | 12 | 93311944 | LED12DP38ROW927/25 | 1 | 6 | 1050 | 2700K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 12 | 93311945 | LED12DP38ROW927/40 | 1 | 6 | 1050 | 2700K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 12 | 93311946 | LED12DP38ROW930/25 | 1 | 6 | 1050 | 3000K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 12 | 93311947 | LED12DP38ROW930/40 | 1 | 6 | 1050 | 3000K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 12 | 93318835 | LED12DPAR38ROW927/25 | 1 | 6 | 1300 | 2700K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 12 | 93318841 | LED12DPAR38ROW927/40 | 1 | 6 | 1300 | 2700K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 12 | 93318847 | LED12DPAR38ROW930/25 | 1 | 6 | 1300 | 3000K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 12 | 93318853 | LED12DPAR38ROW930/40 | 1 | 6 | 1300 | 3000K | 90 | 100 | 25,000 | Yes |
| PAR38 | E26 | 16 | 93313077 | LED16DP38ROW930/15 | 1 | 6 | 1550 | 3000K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311929 | LED18DP38ROW927/25 | 1 | 6 | 1550 | 2700K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311930 | LED18DP38ROW927/40 | 1 | 6 | 1550 | 2700K | 90 | 150 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311931 | LED18DP38ROW930/25 | 1 | 6 | 1550 | 3000K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311932 | LED18DP38ROB930/25 | 1 | 6 | 1550 | 3000K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311933 | LED18DP38ROS930/25 | 1 | 6 | 1550 | 3000K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311934 | LED18DP38ROW930/40 | 1 | 6 | 1550 | 3000K | 90 | 150 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93316388 | LED18DP38ROB930/40 | 1 | 6 | 1550 | 3000K | 90 | 150 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311935 | LED18DP38ROW935/25 | 1 | 6 | 1700 | 3500K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311936 | LED18DP38ROW935/40 | 1 | 6 | 1700 | 3500K | 90 | 150 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311937 | LED18DP38ROW940/25 | 1 | 6 | 1700 | 4000K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311938 | LED18DP38ROW940/40 | 1 | 6 | 1700 | 4000K | 90 | 150 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311939 | LED18DP38ROW950/25 | 1 | 6 | 1700 | 5000K | 90 | 120 | 25,000 | Yes |
| PAR38 | E26 | 18 | 93311940 | LED18DP38ROW950/40 | 1 | 6 | 1700 | 5000K | 90 | 150 | 25,000 | Yes |

¹ The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)
² Minimum order quantity = Carton Qty

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