Philips LED lamps
California Title 20 offerings & guidelines

The California Energy Commission has mandated new efficiency requirements for LED replacement lamps that are manufactured on or after July 1, 2019. This is a California regulation only and does not apply to any other state.
**California Title 20 offerings & guidelines**

**Products included and basic requirements to be Title 20 compliant**

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, must meet the following performance criteria:

- CRI of 82 or greater
- Individual color scores of R1, R2, R3, R4, R5, R6, R7 and R8 of 72 or greater
- Minimum Efficacy of 80 LPW and minimum compliance score of 297 (compliance score = efficacy + (2.3 * CRI))
- Power factor of 0.7 or greater
- A color point that meets the requirements in Table B1 of Annex B1 of ANSI C78.377-2015 for color targets and color consistency
- Rated life of 10,000 hours or greater
- Light Distribution:
  1. Omnidirectional lamps (A-lamps) meet ENERGY STAR® lamps v2.0 requirements
  2. Decorative lamps (B, BA, C, CA, F, or G) meet ENERGY STAR® lamps v1.1
  3. Standby power of 0.2W or less

**Small-Diameter Directional Lamps (Non- E26 bases)**

- Minimum Efficacy of 80 LPW or Minimum efficacy of 70 LPW and a minimum compliance score of 165 (compliance score = efficacy + CRI)
- Rated life of 25,000 hours or greater

**LED Products outside the scope of T20 regulation**

LED lamps less than 150 lumens with E12 bases or LED lamps less than 200 lumens with E26, E17 or GU-24 bases

For more information contact your Signify sales representative

Full California Title 20 Requirements can be found at: [www.energy.ca.gov/title20/](http://www.energy.ca.gov/title20/)

For more information on Philips LED Lamps, please visit: [www.philips.com/ledlamps](http://www.philips.com/ledlamps)