

**PHILIPS**

California Title 20

LED lamps



# 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 & 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
- 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 the Table B1 of Annex B 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 or E17 bases, or LED lamps less than 200 lumens with E26 or GU-24 bases

For more information contact your Signify sales representative. Full California Title 20 Requirements can be found at: <http://www.energy.ca.gov/title20/>

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

