

California Title 20 Performance Regulations

LED Lamp Requirements & Transition Guide



Timing

Effective January 1, 2018 the California Energy Commission is mandating new efficiency requirements for LED replacements lamps that are manufactured on or after January 1, 2018. This is a California regulation only and does not apply to any other state.

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 January 1, 2018, 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
- Light distribution:
 - Omnidirectional 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
- Minimum efficacy of 68 lm/W

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

Products Excluded From Regulation

Lamps that are less than 150 lumens with an E12 or E17 bases, or lamps that are less than 200 lumens with an E26 or GU-24 base.

- LED Tubes
- LED Plug-Ins (Non-directional CFL pin base replacements)
- LED HID replacements
- Colored LED Lamps

Identifying Compliant Product

Existing product codes made before 1/1/2018 is exempt from the new requirements. Any product made after 1/1/2018 must meet new requirements. New California specific skus have been created and will be available in April.

Product Manufactured before 1/1/2018

GE's manufacture date is printed on the bottom of lamp close to the base, next to the country of origin. Any lamp with a date stamp of "17" or before is compliant.

Example: The 17 noted below denotes that the lamp was made in 2017.



Product Manufactured After 1/1/2018

The lamps will be labeled "2018" on the outer carton and will also have a date stamp on the lamp. Non-California skus with this marking are not to be shipped or sold to CA.

Plan Your Transition Now

- Set up the new CA Title 20 compliant skus
- Create ordering and shipping plans to transition California ship-tos from old skus to new skus

Set up your transition plan today.
For more information contact your GE sales representative.
Full California Title 20 Requirements can be found at
<http://www.energy.ca.gov/title20/>

current
powered by GE

<http://products.currentbyge.com>.

GE and the GE Monogram are trademarks of the General Electric Company. All other trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. GE Lighting and GE Lighting Solutions, LLC are businesses of the General Electric Company. © 2018 GE.

LEDL056 (Rev 01/31/18)

