

# ENERGY STAR® LAMPS SPECIFICATION V2.0 DEVELOPMENT UPDATE

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May 2015

## Objectives & Key Changes Proposed

### Increase efficacy levels.

- The current lighting market presents an opportunity for additional efficiency gains, which can be made by raising efficacy levels for all lamps—without sacrificing performance or cost.
- EPA is proposing a single efficacy level for each of the three main lamp types (omnidirectional, decorative, and directional) of 65 lumens per watt, with the exception of decorative bulbs 7w or less which would have to meet 55 lumens per watt.

### Broaden scope and features.



EPA is proposing to include several lamp technologies that had been on the list of considerations for future revisions, including lamps with connected functionality, color tunable lamps and self-ballasted induction-driven electrodeless fluorescent lamps.

### Align LED testing and reporting to align with DOE's pending test method.

- EPA has added references to the upcoming DOE Test Procedure so that the test procedure can be used for ENERGY STAR certification, once it is finalized.
- For consistency, EPA is proposing to align reported performance figures with DOE and FTC for all lamps, including those not covered by the current regulation.

### Improve harmonization between ENERGY STAR lighting specification.

- A number of proposed requirements have been made to align the lamp specification with proposals made in the revision of ENERGY STAR Luminaires draft V2.0 specification, including: color rendering; start time; and run-up time.

### Timeline

- Comments on ENERGY STAR Lamps V2.0 Draft 2 Specification are due on May 8. EPA anticipates finalization of V2.0 in June 2015, with an effective date of June 2016. Until the new specification is announced, version 1.1 remains in effect.

### Key Changes Proposed

- ▶ Raises minimum efficacy requirements
- ▶ Includes new technology like connected, color tuning, and electrode-less induction driven fluorescent lamps

### Resources

- For more information, visit: [energystar.gov/lamps](http://energystar.gov/lamps) or contact: [lighting@energystar.gov](mailto:lighting@energystar.gov).