

From 2012 through 2014, the US government will be phasing in new efficiency standards for some popular lamps that you may purchase to use in your facility. These standards affect many general service incandescent, incandescent reflector, and general service linear fluorescent lamps among others. These regulations are not product bans, but they demand that new lamps meet certain performance requirements. Depending on the lamp, these could include: lifetime, maximum wattage, and/or minimum lumen per watt requirements.



Are you ready?



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How lighting legislation affects you.

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Overview of lamps affected by legislation



General Service Incandescent Lamps

Once implemented, new efficiency standards will set maximum wattages and minimum rated average lifetimes for many general service incandescent lamps in four popular lumen ranges. Some of the most popular include the 100W, 75W, 60W and 40W A19 shaped incandescent lamps. Depending on the lamp and state, these standards are phased in from January 1, 2012 through January 1, 2014.

Lamps covered by these efficiency standards include A-Shape, Decorative Candles, Globes and Post Lights



Incandescent Reflector Lamp (IRL)

As a result of EISA and Department of Energy (DOE) rulemaking, there are additional shapes, diameters, and wattages of incandescent reflector lamps for which the DOE can set energy conservation standards. There are also new efficiency standards for incandescent reflector lamps. Manufacturers must meet these new improved performance levels before July 2012.

Lamps covered by these efficiency standards include R, PAR, ER, BR, BPAR and similar bulb shapes with:

- Medium screw bases
- Rated voltage that lies at least partially within the 115V–130V
- A diameter of >2.25"
- Rated wattage of 40W to 205W



General Service Fluorescent Lamps

As part of the Energy Independence and Security Act of 2007, the DOE was directed to undertake new energy conservation standards rulemaking for general service fluorescent lamps. In 2009, the DOE issued its rules, which take effect in July 2012 and establish minimum lumen per watt standards for a number of popular fluorescent lamps.

Fluorescent Lamps that must meet these new standards include:

- 2' medium bi-pin U-shaped lamps with rated wattage $\geq 25W$ and less than $< 28W$
- 4' medium bi-pin $\geq 25W$ and less than $28W$
- 4' T5 miniature bi-pin straight shaped with wattage $\geq 26W$
- 4' T5 miniature bi-pin straight shaped with wattage $\geq 49W$
- 8' recessed, double contact rapid start HO lamps
- 8' recessed, double contact rapid start HO lamps
- 8' single pin instant start slimline lamps 4, with a rated wattage ≥ 52

To help you learn more about new minimum energy efficiency standards for lighting that are being phased in, Philips has prepared the following quick guide to give you some basic information and answer some frequently asked questions.

We encourage you to visit us on the web at philips.com/legislation to get more detailed information about affected products and learn more about Philips energy efficient replacement products.



Frequently asked questions

Q: Do the new energy efficiency requirements ban certain lamps?

A: These new rules are not product bans. Rather they demand that new lamps meet certain performance requirements that, depending on the lamp, could include: lifetime, maximum wattage, and/or minimum lumen per watt requirements.

Q: When do these new requirements take affect?

A: Depending on the lamp, type, and state, energy conservation standards will be phased in from 2012 to 2014.

Q: Is there a possibility that new energy efficiency regulations will be repealed?

A: At this time, Philips expects that the energy efficiency requirements will remain in place.

Q: In general, what kinds of replacement lamps are available for me to purchase?

A: Philips has a wide variety of options that meet new efficiency requirements. Depending on the product, you may be able to use a halogen, a CFLi, a linear fluorescent, or a LED replacement lamp.

Q: How can I tell if the specific Philips lamps I purchase for use in my facility are affected by new efficiency rules?

A: Philips has created an online tool that will help you identify whether or not your lamp is affected by legislation and DOE rulemaking.

Q: If the lamp I purchase for use in my facility is affected by new rules, where can I learn about replacement options?

A: The same online tool that helps identify affected products can also give you more information about replacement and upgrade options.

Q: Are there exemptions to these new requirements.

A: Yes, there are a number of exemptions and exclusions. Visit us on the web to learn more.

Q: What is the web address for me to learn more about legislation and find out if my facility's lamp is affected?

A: This information can be accessed at:
www.philips.com/legislation