

LIGHTING MADE EASY

BRIGHTEN OUR PLANET'S FUTURE WITH ENERGY STAR®

Saving money on your electricity bill is still simple: Look for the ENERGY STAR for energy savings. No matter the technology or the performance claims, only bulbs with the ENERGY STAR label meet strict guidelines for efficiency and performance that set them apart.

Look for the ENERGY STAR

ENERGY STAR MEANS HIGH QUALITY AND PERFORMANCE. BULBS WITH THE LABEL HAVE BEEN INDEPENDENTLY CERTIFIED AND UNDERGONE EXTENSIVE TESTING.

ENERGY STAR certified bulbs use less energy, so they cost less to operate than standard bulbs. And less energy means fewer greenhouse gas emissions.



- ★ Use up to **90%** less energy than standard bulbs
- ★ Save more than **\$66** in electricity costs over its lifetime
- ★ Provide the same brightness (**lumens**) with less energy (**watts**)
- ★ Last **15** times longer than standard bulbs
- ★ Help protect the environment and prevent climate change

Choosing the Right Brightness & Color

INSTEAD OF WATTS, LOOK FOR LUMENS TO MEASURE THE BRIGHTNESS OF THE BULB.

[MORE LUMENS = MORE LIGHT]

Look for the light output you need to match the brightness of your old standard bulbs.

Old Standard Bulbs (**Watts**)

ENERGY STAR Bulb Brightness (**Minimum Lumens**)

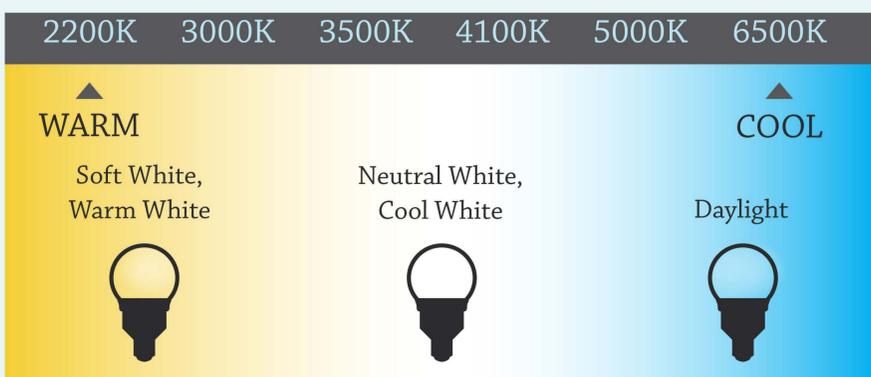
100 watts → **1,600 lumens**

60 watts → **800 lumens**

40 watts → **450 lumens**

Watts measure the amount of electricity a bulb needs to operate. ENERGY STAR certified bulbs **provide the same brightness (lumens)** with less energy (watts).

ENERGY STAR bulbs are available in a wide range of colors. Light color, or appearance, matches a temperature on the Kelvin scale (K). Lower K means warmer, yellowish light, while higher K means cooler, bluer light.



Lifetime Savings

ENERGY STAR certified bulbs last **15 times longer** than standard bulbs.

Total Savings More than **\$66**



One 43-Watt LED ENERGY STAR Certified Light Bulb
Total Cost: \$17



Fifteen 43-Watt Standard Light Bulbs
Total Cost: \$83

15 years

1 ENERGY STAR certified light bulb prevents up to **795 lbs.** of greenhouse gas emissions over its lifetime.

Impact of ENERGY STAR

LIGHTING AN AVERAGE HOME CAN USE MORE ENERGY THAN YOUR CLOTHES WASHER, REFRIGERATOR, AND DISHWASHER COMBINED.



The Average Household:

Has approximately **45** light bulbs.



Nearly **60%** of light bulb sockets in the U.S. still contain inefficient bulbs.

If every household replaced just **one** light bulb with one that has earned the ENERGY STAR,

we would prevent greenhouse gas emissions equivalent to that of **675,000 vehicles**



1 car = 32,000

▼ "One light bulb" refers to one LED bulb.

"Total cost" is calculated by adding the total purchase cost and the total lifetime energy costs.

Learn more at energystar.gov/lighting.

EPA's ENERGY STAR program provides simple tips and information to help you save energy and money, and protect the climate.

Source: U.S. Environmental Protection Agency (EPA)

