



ENERGY STAR QUALIFIED LIGHTING

ENERGY STAR qualified light bulbs, fixtures, and ceiling fans meet strict energy efficiency criteria without sacrificing performance. They are a stylish addition to match the décor of your home or office—while saving energy, money, and the environment.

FIXTURES

The ENERGY STAR is awarded to both hard-wired and portable fixtures, including table lamps, torchieres, suspended fixtures, ceiling and close-to-ceiling fixtures, sconces, outdoor fixtures, and cabinet, recessed, security, cove, and architectural lighting. ENERGY STAR qualified fixtures generally use compact fluorescent light bulbs (CFLs).

COMPACT FLUORESCENT LIGHT BULBS

ENERGY STAR qualified CFLs produce the same bright light as incandescent bulbs, but use 75 percent less energy. Qualified CFLs also last up to 10 times longer and only need to be changed about once every 7 years, on average.

CEILING FANS WITH LIGHTING

Many ENERGY STAR qualified ceiling fans offer the built-in convenience and efficiency of compact fluorescent lighting, which reduces heat output and energy consumption. They operate 50 percent more efficiently than conventional fans with lighting.

HELP FIGHT GLOBAL WARMING

Electricity used in our homes predominantly comes from the burning of fossil fuels at power plants, which contributes to global warming. Simply put, using energy-efficient products and practices in our homes helps fight global warming by reducing these greenhouse gas emissions.

If every household in the United States replaced its five most frequently used fixtures, or the bulbs in them, with ENERGY STAR qualified models, Americans would save close to \$8 billion each year in energy costs and prevent greenhouse gas emissions equivalent to those of nearly 10 million cars.

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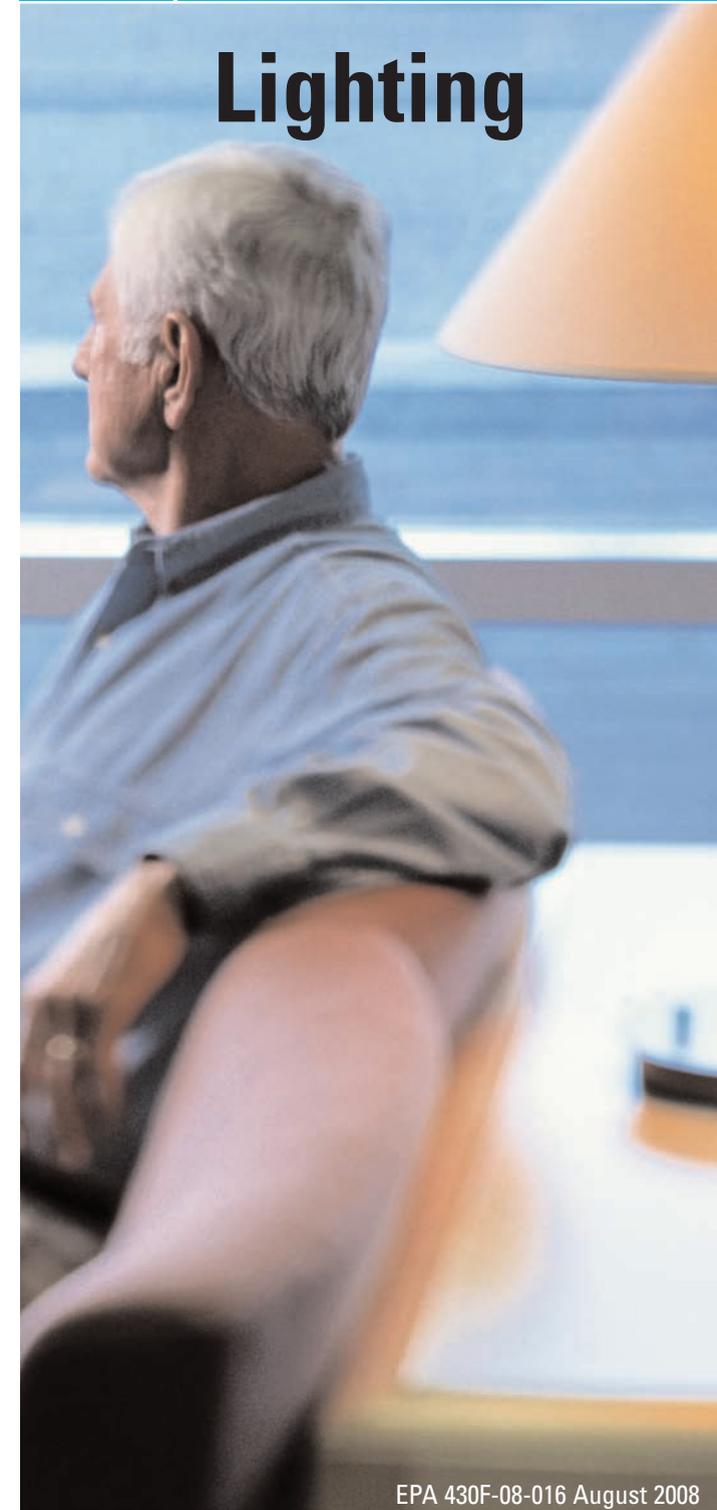
ENVIRONMENTAL

UNITED STATES



U.S. Environmental Protection Agency
U.S. Department of Energy

Lighting



WHAT IS ENERGY STAR®?

ENERGY STAR is a label that identifies energy-efficient products, such as light fixtures and bulbs, which meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy.

Products that have earned the ENERGY STAR help you save energy and money without sacrificing performance. By using less energy, these products also help reduce greenhouse gas emissions—caused by the burning of fossil fuels at power plants—that contribute to global warming.

More than 50 types of products, including lighting, home office equipment, heating and cooling equipment, and home electronics can qualify for the ENERGY STAR.

The ENERGY STAR program helps businesses and individuals fight global warming through energy-efficient products and practices.

Learn more at www.energystar.gov.

CHOOSE ENERGY STAR QUALIFIED LIGHTING

Choosing ENERGY STAR qualified lighting helps save both energy and money on utility bills. On average, ENERGY STAR qualified fixtures use 75 percent less energy than traditional models. And, replacing a traditional bulb with an ENERGY STAR qualified CFL can save about \$30 or more in energy costs over its lifetime.* To save even more, replace your most frequently used fixtures and bulbs with models that have earned the government's ENERGY STAR.

With ENERGY STAR qualified fixtures, consumers can realize significant savings—a total savings of \$56** in the example below that replaces an incandescent ceiling-mount fixture with an ENERGY STAR qualified model.

Expenditures	ENERGY STAR Qualified Fixture Replacement (one pin-based 30W bulb)	Incandescent Fixture (one 100W bulb)
Initial Investments (fixture cost)	\$65	\$40
Energy Costs	\$32	\$106
Bulb Replacement Cost	\$0	\$7
TOTAL COST	\$97	\$153

*Based on a 24W CFL with a life of 6,000 hours and a 75W incandescent bulb with a life of 1,000 hours at \$0.1079 per kWh.

**Based on a pin-based CFL life of 10,000 hours (about 7 years with average use of 4 hours per day) and an incandescent bulb life of 750 hours at \$0.106 per kWh, \$0.50 per incandescent bulb.

CHANGE THE WORLD START WITH ENERGY STAR QUALIFIED LIGHTING



Consider these benefits when purchasing ENERGY STAR qualified bulbs and fixtures.

Long Life—CFLs last up to 10 times longer than traditional incandescent light bulbs and only need to be replaced about once every 7 years—convenient for hard-to-reach fixtures. Note that while nearly all ENERGY STAR qualified fixtures come with pin-based CFLs hard-wired for energy savings, some qualified outdoor fixtures offer their energy efficiency benefits through the use of photocells and motion sensors, and are compatible with incandescent lighting in these cases.

High Quality—ENERGY STAR qualified fixtures and bulbs offer the same amount of light as incandescent or halogen lighting, while providing a true and natural color without the flicker, hum, or buzz of their infamous fluorescent predecessors.

Safety and Reliability—ENERGY STAR qualified lighting follows National Fire Protection Association (NFPA) guidelines for fire safety. CFLs are cooler to the touch. In fact, compared to incandescent lighting, ENERGY STAR qualified lighting produces about 75 percent less heat. All lighting models are tested and meet strict specifications for energy efficiency and quality and come with a 2-year warranty.

Attractive Design and Convenience—ENERGY STAR qualified fixtures and bulbs combine attractive design with features created to make life easier and match the décor of your home. Convenient features include quick-start, no-hum indoor models, indoor models with dimming or switching capabilities, and automatic daylight shut-off and motion sensors on outdoor models.

Same Amount of Light, Fewer Watts—ENERGY STAR qualified CFLs provide the same amount of light, or lumens, as traditional bulbs, but use a smaller amount of energy, or watts. To find the right CFL for your needs, compare lumens on the packaging. For example, if you are looking for a light bulb that gives off the same amount of light as a 60W incandescent bulb, look for an ENERGY STAR qualified CFL that puts out 800 lumens or more (see table below).

Incandescent Light Bulbs WATTS	Minimum Light Output LUMENS	Common ENERGY STAR Qualified Light Bulbs WATTS
40	450	9-13
60	800	13-15
75	1,100	18-25
100	1,600	23-30
150	2,600	30-52

To locate a store near you that carries ENERGY STAR qualified lighting, use our store locator at www.energystar.gov under "Products." Simply enter your zip code, scroll down to check a product box, and click on "Locate Stores."

