



FAQ

**ENERGY STAR**<sup>®</sup>

Qualified Light Fixtures



### What are ENERGY STAR qualified light fixtures?

ENERGY STAR is the international symbol for energy efficiency. ENERGY STAR qualified light fixtures are specifically designed to optimize light output. As a result, they consume at least two-thirds less energy than conventional fixtures, and have a two-year warranty, double the industry standard.

### Why should I buy ENERGY STAR qualified light fixtures?

- 1. Savings** - They use up to 75% less energy than conventional fixtures\*
- 2. Reliability** - They come with a two-year warranty (double the industry standard)
- 3. Performance** - They provide more even and efficient light distribution
- 4. Value** - Fixtures usually come with bulbs and often special rebate offers
- 5. Convenience** - Outdoor fixtures with automatic daylight shut-off and motion-sensor light switches are very practical

### How do ENERGY STAR qualified light fixtures save money?

Choosing ENERGY STAR qualified light fixtures is one of the easiest and best ways to start saving energy, saving money and helping our environment. By replacing just five of the most frequently used light fixtures and bulbs in a home with ENERGY STAR qualified light fixtures, one family can save more than \$65 a year in energy costs.\* They will also save on replacement costs because most high efficiency bulbs last six to 10 times longer.

If every household in Canada replaced just one standard incandescent light fixture with an ENERGY STAR qualified fixture (with one socket), Canadians would save more than \$73 million a year in energy costs.\*

### What's this I hear about new efficiency standards by 2012?

By 2012, Canada will be introducing new national standards for lighting efficiency to encourage the use of higher efficiency technologies and support energy efficient innovations within existing lighting technologies. These new standards will contribute to positive changes for the environment while providing you with an ever-increasing range of energy efficient choices to meet your needs.

## Are ENERGY STAR qualified light fixtures available in a wide range of styles and types?

Absolutely. There are over 10,000 ENERGY STAR qualified light fixture models available in Canada. This includes virtually all home applications, such as table, floor and desk lamps, hard-wired fixtures for ceilings, walls, bathrooms, kitchens, dining rooms and porches. Whether you're looking for shadow-free lighting in the kitchen, flattering illumination in the bathroom, a soft chandelier glow in the dining room, mood and accent lighting in the family room or effective security lighting outdoors, you're sure to find the ENERGY STAR qualified light fixtures and bulbs to meet your needs.

## Can I use ENERGY STAR qualified fixtures throughout my home?

**Inside and out. Here are a few tips:**

- For task lighting, such as over kitchen counters or for the home office, choose models designed specifically to concentrate light where it is needed most.
- For outdoors, consider models that include light sensors (photocell technology) or motion sensors so energy is only used when it is needed.
- For dining rooms and living rooms, choose ambient models designed to diffuse light and create a sense of openness and comfort.
- Install dimmers and three-way switches to allow more control over light levels and to make it easier to turn off lights from different entry points.

## What's the difference between lumens and watts?

Lumens measure the brightness emitted by a light source, while watts refer to the amount of energy used in one hour by a bulb. Be sure to compare lumens and not just watts.

A standard 60-watt incandescent bulb generates 800 lumens of light. In contrast, an ENERGY STAR qualified CFL will use only 13-15 watts to achieve the same brightness, using a fraction of the energy to provide the same level of light and resulting in great energy savings.

For more information about ENERGY STAR qualified light fixtures, visit [www.energystar.gc.ca](http://www.energystar.gc.ca).

