



LED Fact Sheet

LED Light Bulbs Save Energy, Money and More

In the average U.S. home, lighting accounts for about 20 percent of the electric bill. One of the easiest ways to start saving energy is to change your decorative light strings to LED. If all decorative light strings sold in America this year were ENERGY STAR® qualified, we would save over a billion kWh per year and reduce greenhouse gas emissions equivalent to nearly 300,000 cars!

ENERGY STAR Qualified LED Decorative Light Strings:

- Can last up to 10 times longer than traditional incandescent strands.
- Are cool to the touch and not sensitive to extreme temperature changes.
- Can sustain minor power surges.
- Have no moving parts or fragile filaments to break from shaking and rattling.
- Are available in a variety of colors, shapes and lengths.
- Are subject to weathering tests and labeled for outdoor use.

What is an LED?

Light emitting diodes, or LEDs, are small light sources that are illuminated by the movement of electrons through a semiconductor material. LEDs are exceptionally energy efficient when producing individual colors and many use less than 4 percent of the electricity of an incandescent bulb to produce the same amount of light. For example, the amount of electricity consumed by just one 7-watt incandescent bulb could power 140 LEDs – enough to light two 24-foot strings.

Recycling your Old Lights is a Bright Idea

Along with our partners, Target and The Recycling Association of Minnesota, we are sponsoring a Holiday Light Recycling program at participating Target stores. Bring your old lights to a participating Target store and drop them into convenient holiday light collection bins. Additional recycling locations can be found at mnbrighterideas.com.

Promotion Dates

November 1 - December 24, 2010 (coupons, which Lake Country Power will mail, and rebate specials)
November 15 - November 29, 2010 (in-store instant savings per package at participating Target stores)

Source: energystar.gov, U.S. Department of Energy, July 30, 2010

