

LIGHTS and LIGHTING REPLACEMENT*

Usage Tips

To have the best experience possible, keep the following tips in mind:

- Look for the ENERGY STAR label on replacement light bulbs and lighting fixtures; Every time you are using an ENERGY STAR qualified product you're saving energy, money and greenhouse gas emissions.
- Always hold the base and not the glass to screw in the bulb.
- Read the packaging to see *where* each bulb should be used. Not all ENERGY STAR qualified CFLs or LEDs are designed to work in every socket.
- Use ENERGY STAR qualified light bulbs in places where you will have the light on for at least 3 hours daily. While LEDs aren't affected, frequently turning a CFL on and off will shorten that bulb type's lifetime.
- Photocells, motion sensors and electronic timers may not be designed to work with CFLs and / or LEDs. Check the photocell or timer manufacturer product information (or website) for compatibility.
- When a CFL or LED burns out, recycle it! Go to www.epa.gov/bulbrecycling to find recycling locations nearest to you.

Light Fixture-Specific Tips: Where to Use

If any of your light fixtures are hooked up to a dimmer switch, always make sure you are using dimmable bulbs or else the light bulbs won't dim and might even burn out sooner.

Floor/Table Lamps

Spiral, covered A-shape or tubed ENERGY STAR qualified light bulbs work well in floor and table lamps. Always check the packaging for proper height / weight ratios.

Many floor and table lamps use a special 3-way socket. If your lamp does, look for a 3-way bulb to use. Always check the packaging to ensure the bulb is designed for the application intended.

Ceiling Fixtures

For ceiling fixtures, spiral or tubed ENERGY STAR qualified bulbs are an economical choice. Ensure your fixture allows airflow to prevent excessive heat from shortening the life or decreasing the amount of light the CFL or LED gives off.

Pendant Fixtures

While bare bulbs can be used, most people prefer the look of covered ENERGY STAR qualified light bulbs in their pendant fixtures. Covered bulbs come in both traditional "A" or globe shapes.

Ceiling Fans

For ceiling fans, you have a variety of options. Spiral bulbs can be used but most people prefer the look of covered light bulbs such as “A”-shape, candles, or small reflectors. For some ceiling fans, the size of the replacement bulb will be important. A lot of manufacturers are developing CFLs / LEDs for use specifically in ceiling fans.

Wall Sconces

Due to their smaller sizes, spiral, tubed or candle shaped ENERGY STAR qualified light bulbs will work well in wall sconces.

Recessed Cans

Indoor reflector light bulbs work best in recessed cans because they are specially designed to direct the light out of the fixture and to withstand the heat buildup that occurs in these fixtures.

If your recessed cans use a dimmer switch, make sure you buy reflectors that are able to dim. The packaging will tell you whether or not you can use them with a dimmer.

Outdoor Covered Fixtures

Spiral or tubed ENERGY STAR qualified light bulbs are both appropriate to use in outdoor covered fixtures where the weather can't harm them.

For colder temperatures check the packaging for starting temperatures to make sure the bulb will work properly.

Some photocells, motion sensors, and electronic timers may not be designed to work with CFLs / LEDs. Always check with the control manufacturer and the packaging for compatibility.

Outdoor Exposed Fixtures

ENERGY STAR qualified Outdoor flood light bulbs are recommended for outdoor exposed fixtures. These bulbs have special cases that protect them from nature's elements.

Placing a bare spiral CFL in an open outdoor fixture exposes the tubing and electronics to the elements and is likely to result in an early failure; never do this.

For colder temperatures check the packaging for starting temperatures to make sure the bulb will work properly.

Photocells, motion sensors, and electronic timers may not be designed to work with some CFLs / LEDs. Always check with the control manufacturer and the packaging for compatibility.

**content from the “Energy Star Choose a Light Guide” at <https://www.energystar.gov>*