

LED FACTS

Why use LED (light-emitting diode) bulbs?

- Last up to 25 times longer than standard incandescent bulbs.
- Use 75-80 percent less energy than ordinary bulbs.
- Save an average of \$115 a year in energy costs if you change 20 incandescent bulbs in your home or business to LEDs.
- Fit in almost any fixture, for indoor and outdoor use.
- Convenient in hard-to-reach and high-use fixtures because of their long life.
- Emit very little heat, compared to incandescent bulbs that release 90 percent of their energy as heat. The heat that is released from LEDs flows into a heat sink so the bulb is cool to the touch.
- Provide the same amount of light (lumens) as standard incandescent bulbs, but use fewer watts of energy.
- Contain no mercury.
- Directs light in a specific direction, making the bulb more efficient.
- Turn on instantly.

Where to use:



- To get the most energy savings, replace bulbs where lights are on the most, such as your family and living rooms, kitchen, dining room and porch.
- The A19-shaped LED bulbs will work in most households. LEDs are also available for floodlights, spotlights, recessed lights and stringed Christmas lights.

How to choose:

- Matching the right type of LED to the right kind of fixture helps ensure that it will perform properly and last a long time. Read the packaging to be sure that the type you choose works for the fixture you have.
For example: If a light fixture is connected to a dimmer or three-way switch, select LEDs that are labeled as appropriate for these switches.
- To get the right amount of light, choose an ENERGY STAR® qualified light bulb that offers the same light output, or lumen rating, as the light you are replacing. The higher the lumen rating, the greater the light output.
- Choose the color that works best for you. Color options include amber, red, blue and green. White light, used in homes and businesses, is achieved by mixing different colors to convert the color of the light.



**MAKE THE SWITCH TO
LED BULBS**



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