

Facts of light LED lighting

LED stands for “Light-Emitting Diode.”

A LED is an electronic device that emits light when an electrical current is passed through it.

Modern LEDs can produce several different colors, including red, green, and blue (RGB) and white light.

LED are energy efficient and have a long lifespan (often more than 100.000 hours)

**LEDs contain no mercury
and at least 95 percent of an LED is recyclable**

LEDs are not subject to serious damage from external shock

**If you use your LED bulb for 24 hours a day,
every day, that bulb is rated to last 6 years**

A common light bulb will eat electricity but only converts 10% of that electricity into light

**If you install an LED light in your baby’s room now, it
will still be there by the time he is a grown up**

Over the next 20 years the adoption of LEDs in residential and commercial applications will save about \$265 billion

LED lights have a healing effect

The use of LEDs in the next 20 years will prevent the need for constructing 40 new power plants, and reduce the electricity demand of lighting by 33 percent.

If the entire United States would replace only 50 percent of the existing incandescent Christmas lights, the potential energy cost savings starts around \$17.2 billion dollars

Switch to an LED bulb in the porch light and you’ll notice considerably fewer bugs.