

10 Fun Facts about LED Lights That You Probably Didn't Know

As most individuals probably know by now, energy efficient lighting is becoming more mainstream in America. Not only are businesses implementing new efficient lighting technology, but these modern bulbs have moved into the homes of millions of Americans. Although its common knowledge that LED bulbs are more energy efficient than other types of bulbs like incandescent, that is the basic extent of LED knowledge in the average individual's brain. We're hoping to change this!

- * The LED was invented by Nick Holonyak Jr. in 1963 while he was working for General Electric.
- * LED stands for light emitting diodes, which LED bulbs use to produce light.
- * According to the U.S. Department of Energy, the widespread installation of LED's can save 348 TWH of energy by the year 2027-that's enough energy to power 44 large electric power plants, saving more than \$30 billion dollars.
- * In 2012, 49 million LED bulbs were installed across America, accounting for energy savings of about \$675 million
- * Due to their compact size, stress-free upkeep, resistance to fracture and single-direction focus, LED's have the ability to be used in a variety of different products such as street lights, traffic signals and televisions.
- * LED's have a very long lifespan. In fact, if the same bulb was turned on and never turned off, it would take it three years to burn out.
- * If an LED bulb is installed in a newborn baby's room today, then that bulb won't need to be changed for over 20 years, meaning that one bulb will last the child until he or she goes off to college.
- * The celebrated New Year's Eve ball that drops in Times Square each year is made up of 32,256 individual LED lights.
- * Many holiday light companies, such as Christmas Décor and Nite Time Décor, offer LED strand lights. These lights are safer, longer lasting and easier to install. Up to 25 strings of these LED lights can be linked together without blowing a fuse.

- * Along with the holiday them, if just half of the bulbs used in the U.S. each Christmas were switched to LED's, Americans would save \$17 billion each year.

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