

light bulb moments

Everything You Need to Know About LED Bulbs

By now, you're probably using an LED light bulb in at least one fixture in your home or office. Once rare and quite expensive, LED lamps have become a staple in countless commercial, industrial, and residential applications.

And it's no wonder: LED bulbs are both cost-effective and energy-efficient, have a smaller environmental impact, and usually last (at least) 25 times longer than their incandescent counterparts. Perhaps most impressive, the price of LED bulbs has dropped 85 percent since 2008.

So what are LEDs really made of? LED stands for **light-emitting diode** – a small chip-like semiconductor that converts electricity into light. LEDs emit light in a specific direction, which makes them more efficient by eliminating the need for reflectors and diffusers that can actually trap light.

Since its invention in 1962 by GE employee Nick Holonyak, Jr., LED technology has improved tremendously; so much so that the US Department of Energy predicts that by 2030, they will account for 75% of all lighting.

A lot of good can come from making the switch to LEDs – benefits that go far beyond cost and energy savings for businesses and homeowners. According the Department of Energy, switching entirely to LED lights over the next two decades could save the U.S. \$250 billion in energy costs, reduce electricity consumption for lighting by nearly 50 percent and avoid 1,800 million metric tons of carbon emissions.

Making the switch isn't totally unrealistic either. Today, there are LED options for just about every lighting fixture and application. LED bulbs come in many shapes, including fluorescent-like tubes and vintage bulbs. Plus, there are different colors to choose from, ranging from daylight (a cooler, bluish light) to warm white (which works best with earthy tones). As technology evolves, we expect to see the options for LED lighting continue to grow.

In short, LED bulbs are here to stay. Energy-efficient, durable, and environmentally-friendly, they are a smart option for just about everyone.

Want to know more? Check out our new video series:

www.thelightbulbco.com/resources



Got old lamps? Recycle them at The Light Bulb Co!

Much like used batteries or electronics, burned-out lamps provide a great opportunity for recycling. Recycling used lamps is easy to do and good for the environment. CFLs and other fluorescent bulbs have small amounts of mercury that may be released into the environment if they aren't disposed of properly. Plus, recycling means that materials from lamps – glass, metal, etc. – can be reused for new bulbs or other goods.

Lamp recycling is as easy as dropping off your old bulbs at the our Grand Rapids showroom. Contact us today for pricing.



The Light Bulb Co.

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Savings Alert: Record Rebates Available for LED Tube Lights

Have you been putting off switching from fluorescent tube lights to LEDs because they're too expensive? **We've got good news for you.**

Each year, Consumers Energy incentivizes businesses like yours to make the switch to LED by offering rebates on LED bulbs. This year, **they've boosted the rebate for LED tube lights** from \$2.50 per lamp to \$7 for LED tube lights 15' and higher or \$5 for LED tube lights under 15'. That means that for each LED tube light you purchase this year, you could get \$7 back. **That's a savings of 70%.**

Even better, you won't have to fill out any paperwork. At the Light Bulb Co., **we handle all the rebate forms for you**, plus we ensure that your rebate is guaranteed before we fulfill your order.

Are you ready to make the switch and save? **We offer no-cost, no-obligation energy audits**, to help you understand how much you can save by converting to LED. Contact us today to learn more.

616-534-1251

