

The 22.8-year switch: GE's Energy Smart LED

December 20 2010, By Matt Hickman



As the common household incandescent bulb marches towards extinction (they'll be completely phased out in the U.S. by 2014), the "battle of the bulb" heats up with CFLs, LEDs, and a new long-lasting contender, the ESL bulb, vying to take its place and usher in a new era of energy-efficient lighting.

GE just announced the release of the Energy Smart [LED](#), a new omnidirectional, 9-watt bulb designed to replace the common 40-watt [incandescent bulb](#) used in bedside and table lamps. According to GE, the life of the Energy Smart LED is 25,000 hours or 22.8 years (based on three hour/day usage) and offers a 77 percent [energy savings](#) when compared to 40-watt incandescent bulbs. It's also the first A-Line LED

bulb to receive an EnergyStar rating.

The price? Brace yourself: The Energy Smart LED sells for \$50. It's admittedly a daunting price to pay for a single [light bulb](#) that will live (and perhaps outlive) your bedside lamp, but when you do the math (which GE has thankfully done for us: www.gelighting.com/na/energysmartLED/math.html) the dramatic cost becomes easier to swallow. With an estimated yearly cost of \$1.08 versus \$4.82 for a 40-watt incandescent (based on \$.11 per kilowatt hour), a single Energy Smart LED can save homeowners \$85 over the lifetime over the bulb.

Learn more about this innovative 40-watt substitute over at GE's Energy Smart LED mini-site, www.gelighting.com/na/energysmartLED/home.html, where you can also purchase the bulb now. Or, wait until January when the Energy Smart LED hits retail shelves.

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