

# Watt Bulb Works Best for Your Home?

President George W. Bush signed the **Energy Independence and Security Act** of 2007, requiring all light bulbs use nearly **30% less energy** by 2014.

	Average Price	Average Price	Average Price
	\$1.25	\$3.50	\$8.00
	Lifespan (@ 3 hrs/day)		
Less than 1 year	Approx. 9 years	At least 22 years	
	Average Annual Energy Cost		
\$3.50 - \$4.80	\$1.20	\$1.00	
	Lumens per Watt		
13 to 14	55 to 70	60 to 100	
<b>Incandescent Bulbs</b>	<b>Compact Fluorescent (CFL) Bulbs</b>	<b>Light-Emitting Diode (LED) Bulb</b>	
Electricity runs through a <b>wire filament</b> , heating the filament until it glows and creates light.	Visible light results when UV light, created when electricity is driven through a <b>tube containing argon and mercury</b> , reacts with the coating on the tube.	Electricity passes through <b>semiconductor material</b> , illuminating the semiconductor devices called light-emitting diodes.	
Produce heat and light in every direction.	<b>75% less heat</b> than incandescent bulbs.	Uses diodes, not heat, to produce light.	
Loses up to <b>50%</b> of the light before it even exits a fixture.	= <b>75% more energy savings.</b>	<b>85% more energy savings</b> as compared to incandescent bulbs.	
Contains <b>no hazardous materials.</b>	Because CFLs <b>contain mercury</b> (about 4 mg, which is less than 1% found in old thermometers), they require proper disposal.	Contains <b>no hazardous materials.</b>	
More efficient bulbs could save consumers <b>\$6 billion</b> in 2015 alone.	Visit <b>Earth911.com</b> for tips on how to properly clean up a broken bulb or recycle intact bulbs.	Some localities recycle used LEDs.	
			

**Wattage:** The amount of electricity consumed by a light source.

**Lumens:** The amount of light that a light source produces.

Only use bulbs **labeled** for use in enclosed fixtures to prevent **dangerous heat buildup.**

Install bulbs with **extended lifespans** in hard-to-reach locations to **limit the number of times** you have to climb a ladder, move furniture, or otherwise engage in potentially dangerous activities.