

D.I.Y. Energy Conservation Recipe Card



LED Light Bulbs

LED stands for Light-emitting diodes. They are semiconductors. As the electrons pass through this semi-

conductor, it turns the electrons into light. LED lights are more efficient at turning energy into light. When compared to incandescents and CFL (Compact Fluorescent) lights, LED bulbs are cooler during their operation because less of their energy radiates from the bulb as heat.

Different Types of LED Bulbs:

- **Standard LED Light Bulbs:** Disperse light at a wide angle throughout a room. They are ideal for lamps, hallways, and other common fixtures.
- **Can Lights:** These bulbs fit into sockets, cans, or can be mounted through the ceiling for downlights.
- **Flood Light Bulbs:** These bulbs are designed to emit a strong, but wide beam of light to illuminate a board area and they are mainly used in exterior fixtures.
- **Globe Light Bulbs:** These bulbs emit light in every direction. These are ideal for bathroom vanities and pendant lights.

Materials:

1. LED Light Bulbs

Directions:

1. Make sure that the light switch(es) are off.
2. Unscrew old light bulb(s).
3. Screw in new LED light bulbs.

Cost:

\$\$\$\$\$ 25 dollar max

Have Old Light Bulbs?

Take your old CFLs to a Lowe's or Home Depot where they can dispose of them properly.

Other light bulbs can just be thrown away.

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