



AESOP ENERGY OPTIONS

Alternative Energy
Solutions Of the Piedmont

113 Hampton St.
Rock Hill, SC 29730
803-328-9888

www.aesopsolar.com

LED Lights



36 LED Bulb

Wattage – 2W – Replaces
30W incandescent.

Price - \$13.95

Lamps/ Vanities/Accent Lighting



90 LED Bulb

Wattage – 6W – Replaces
60W incandescent

Price - \$29.95

Table Lamps/Vanities/Accent Lighting



PAR 20 Lamp

Wattage – 2W – Replaces
30W incandescent

Price - \$24.95

Track and Canister Lighting



PAR 30 Lamp

Wattage – 3W – Replaces
40W incandescent

Price - \$37.95

Indoor/Outdoor Lighting



PAR 38 Lamp

Wattage – 5W – Replaces
50W incandescent

Price - \$39.95

Indoor/Outdoor Floodlighting

LED (Light Emitting Diode)

LED's are extremely energy efficient and consume up to 90% less power than incandescent bulbs. Since LEDs use only a fraction of the energy of an incandescent light bulb there is a dramatic decrease in power costs. Also, money and energy is saved in maintenance and replacement costs due to the long LED lifespan. LEDs do have a higher initial cost than incandescent and compact fluorescent light bulbs, but the cost is quickly recouped over time in lower electricity costs.

LEDs have a lifespan of up to 100,000 hours compared to the 1500 hours for incandescent bulbs. A LED lighting device can last up to 11 years under constant use. On average LED bulbs last up to 10 times as long as compact fluorescent bulbs and 133 times longer than typical incandescent bulbs.

LEDs are solid state lighting devices that utilize semiconductor material instead of a filament or neon gas. LED light is a tiny chip encapsulated in an epoxy resin enclosure, which makes LEDs far sturdier than traditional incandescent light bulbs or fluorescent tubes. LEDs do not use fragile components such as glass and filaments which means LEDs are able to withstand shock, vibration and extreme temperature.

Improved safety may be one of the most important benefits of LED lighting. LED lights generate virtually no heat. This means LED lights are cool to the touch and can be left on for hours without incident or consequence if touched. LEDs produce 3.4 btu's/hour compared to 85 btu's for incandescent bulbs.

LED lighting devices are made from non toxic materials, unlike fluorescent lighting that uses mercury that may pose a danger to the environment.