

With so many choices of lighting available today, it is easier to compare "lumens" which is an actual measure of brightness, with the amount of energy (Watts) consumed. This chart compares incandescent and LED wattages to lumen output.

Lumens	Incandescent Wattage	LED Wattage Range
450	40w	6 - 9w
800	60w	8 - 15w
1100	75w	10 - 17w
1600	100w	15 - 24w

The Federal Trade Commission (FTC) worked with manufacturers to develop a new label for all residential lamp packaging. It includes brightness (in Lumens), estimated operating cost, life expectancy, color of light (warm, cool), and energy used.

Lighting Facts Per Bulb	
Brightness	800 lumens
Estimated Yearly Energy Cost \$1.57	<small>Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use</small>
Life	9 years
Light Appearance	<small>Warm _____ Cool 2700 K</small>
Energy Used	13 watts

Brightness	
800 Lumens	
Estimated Energy Cost	\$1.57 per year



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Get EnergyWiseSM Today

EnergyWiseSM programs offer incentives to homeowners, businesses, and agriculture to help cover the cost of a variety of energy-efficient upgrades.

For program guidelines, visit www.nppd.com.

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MAKE THE SWITCH
Light-Emitting Diode (LED) Lamps

ENERGYWISESM
Use less. Spend less. Do more.

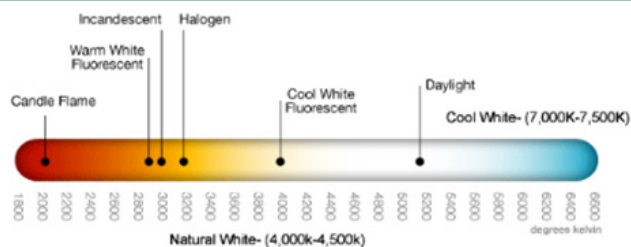
Step into the light. Make the switch to LED lamps.

In recent years, LEDs have taken the lighting industry by storm. Simply put, an LED is a chip of semiconducting material that releases energy in the form of light. LEDs are used just like ordinary bulbs. However, not all LED products are created equal. They may vary in quality, energy use, and life span. Be sure to do your research before purchasing, and look for the ENERGY STAR® label. Be sure the LED you select is suited for your application.

More about LEDs:

- They last up to 35 times longer than incandescent lights and often, four or more times as long as fluorescents.
- They generate almost no heat, which can help reduce air conditioning costs.
- They produce more light per watt than incandescent bulbs.
- They are extremely durable; as they do not have a filament means they can work even if dropped.
- They light up instantly and many are dimmable.
- Since they are commonly directional, they are excellent for lights under cabinetry, in the kitchen, over your workspaces, and over the home office desk.
- They waste little energy because most of the light may be directed where it is needed.
- They do not contain mercury.

From very warm to cool white, LEDs are available in every color of white light



CUT AND RETURN COMPLETED FORM **WITH PROOF-OF-PURCHASE**
TO YOUR LOCAL PARTICIPATING ELECTRIC UTILITY

RESIDENTIAL LED INCENTIVE APPLICATION

Customer Information

Name on Account: _____

Electric Utility Provider: _____

Account # _____

City: _____ State: _____ Zip: _____

Number of lamps requesting incentive for: _____

Incentive \$3/LED. Total Incentive requested: _\$ _____

I certify the Light Emitting-Diode (LED) bulbs, for which I am claiming an incentive for are being installed in my home and in compliance with the guidelines of the program. The utility reserves the right to verify purchases to ensure compliance.

Customer's Signature: _____

Date: _____

Program Guidelines

- Lamps must be purchased on or after January 1, 2016.
- Lamps must deliver at least 800 lumens of light; ENERGY STAR® lamps are recommended.
- Individual lamps cannot be aggregated to meet lumen requirements
- Limit fifteen (15), \$3 incentives per account annually for a total not to exceed \$45.
- Customer must apply for an incentive within ninety (90) days of the purchase date shown on the sales receipt.
- Copy of sales receipt must accompany application.
- Incented bulbs may not be used for resale.
- At the local utility's discretion, accounts other than Residential may be eligible to participate.
- Return completed form and proof-of-purchase to your local participating electric utility.
- Local utility provides incentives in the form of an account credit.

