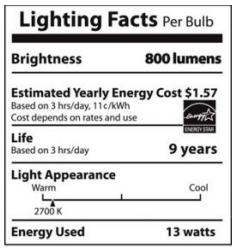
With so many choices of lighting available today, it is easier to compare “lumens” which is an actual measure of brightness, with the amount of energy (Watts) consumed. This chart compares incandescent and LED wattages to lumen output.

| 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.





**Nebraska Public Power District**

*Always there when you need us*

Sponsored by Nebraska Public Power District in partnership with its Wholesale Utility Customers.

## Get EnergyWise℠ Today

EnergyWise℠ 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.

Contact information:
Cory Fuehrer (402-362-7390)
crfuehr@nppd.com

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THINKGREEN please recycle

MAKE THE SWITCH

# Light-Emitting Diode (LED) Lamps



ENERGYWISE℠
Use less. Spend less. Do more.

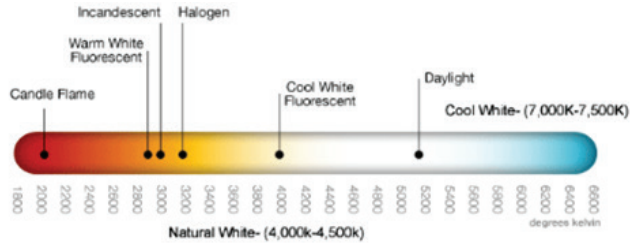
# Step into the light. Make the switch to LED lamps.

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

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 $5/LED. Total Incentive requested: _$_____

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, 2015.
- Lamps must be 9 watts or greater, or deliver at least 800 lumens of light; ENERGY STAR® lamps are recommended.
- Individual lamps cannot be aggregated to meet wattage or lumen requirements.
- Limit fifteen (15), $5 incentives per account annually for a total not to exceed $75.
- 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.

ENERGY STAR PARTNER