

LED Lighting

The future in energy-efficient lighting is available today!

Admit it. You've never found lighting to be that interesting. You just grab the cheap incandescent bulbs when you're at the store. You may have even tried a few compact fluorescent lamps to lower your electric costs. But an exciting lighting revolution is beginning!

Traditional incandescent light bulbs haven't changed much over the past 130 years. But only 10% of the power they consume is used to produce light. The rest is wasted as heat. Standard bulbs are the most costly way to light your home or business.

Compact fluorescent lamps (CFLs) only use 25% of the power to produce the same amount of light as traditional bulbs and last up to 10 times longer. Great energy and money-saving benefits, but they contain mercury so they need to be recycled properly and they just don't dim like standard bulbs.

Enter LED lighting. LED lights have been around for many years. You may even use LED lights to decorate your home over the holidays. But you've probably just started hearing about using them for space lighting within the past few years. They've come a long way during that time.



LEDs now provide **great light color, turn on instantly**, they are **dimable**, and can **withstand extremely cold conditions**. They don't need mercury to operate. ENERGY STAR®, the national symbol for energy-efficiency, has developed minimum quality and reliability standards for LED lighting. LEDs are even starting to show up on the shelves of big-box hardware stores like Home Depot and Menards, and lighting design centers. Another great benefit is that LED lights can **last 40,000 hours or longer**. That's 5 to 50 times longer than the lifetime of CFLs and incandescent bulbs. In some of your fixtures, LEDs may be the last lights you ever need to buy!

Since LEDs are a newer technology, prices are relatively high right now but will continue to drop as more styles are made available and they become more popular. In fact, LED retail prices have dropped about 50% over the past couple years. We're offering rebates on LED fixtures to help lower your final cost.

Here's how much you could save with LEDs:

Savings

Typical Residential Recessed Lighting Fixture

65-watt incandescent bulb **equivalent light to** 11-watt ENERGY STAR LED downlight
Savings = (65 watts - 11 watts) / 1000 watts per kilowatt X 840 hours of operation per year X \$0.10 per kilowatt-hour = \$4.54 per year
Payback = (\$50 cost - **\$20 utility rebate**) / \$4.54 savings per year = 6 years 7 months

Typical Commercial Recessed Lighting Fixture

65-watt incandescent bulb **equivalent light to** 11-watt ENERGY STAR LED downlight
Savings = (65 watts - 11 watts) / 1000 watts per kilowatt X 2600 hours of operation per year X \$0.10 per kilowatt-hour = \$14.04 per year
Payback = (\$50 cost - **\$30 utility rebate**) / \$14.04 savings per year = 1 year 5 months

Considering the energy savings from LEDs, their lifetime cost is much lower than standard bulbs and CFLs. Simply put, if you want to save money on your energy costs, LEDs are for you.



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You can't start saving if you don't understand the alternatives. To learn more about how energy-efficient LED lighting can save you money, please ask us or visit **SaveEnergyInSpringValley.com**. On our website, you'll find a link to ENERGY STAR®'s website where you'll find a list of qualifying LED lights and links to stores who carry ENERGY STAR products.

If you are a business customer who is interested in receiving a \$30 rebate for ENERGY STAR LED fixtures, please contact us at 346-7622 and we'll send you a rebate form.

If you are a residential electric customer, here is a coupon to apply for your \$20 rebate for ENERGY STAR LED fixtures:



FIXTURES Rebate Coupon

The look of ENERGY STAR® lighting has evolved into decorative fixtures, sconces, recessed lighting, and ceiling fans that reduce your electric bill and help make our community a little greener. Spring Valley Utilities offers rebates for the following ENERGY STAR-labeled lighting products:

Fixture Types	Rebate	Wattage	Quantity	Total Cost	Required Documentation
Hardwired LED Fixtures (no portable or table lamps)	\$20 each			\$	✓ This coupon ✓ Original receipt ✓ Part of packaging showing: - ENERGY STAR logo - Fixture wattage
Hardwired CFL Fixtures (no portable or table lamps)	\$15 each			\$	
Torchieres	\$15 each			\$	
Ceiling Fans With Lighting	\$15 each			\$	
CFL Kits for Ceiling Fans	\$15 each			\$	

Name _____ Account # _____
 Address _____ Daytime Phone _____

Note: Rebate cannot exceed fixture cost. Recipient must be an electric customer of Spring Valley Utilities. Good on purchases made through December 31, 2010.

SaveEnergyInSpringValley.com



Fixture Comparison

ENERGY STAR Fixture

- 55 Watts
- 10,000 hour lamp life
- Lamps included
- 2-year Warranty
- \$14 annual electricity savings
- \$15 -\$20 rebate from your utility



Incandescent Fixture

- 180 Watts
- 1,000 hour lamp life
- Lamps not included
- 1-year Warranty



Spring Valley Utilities
 104 South Section Avenue • 346-7622
 SaveEnergyInSpringValley.com

