



Learn the facts about CFLs and a whole new way to light up your world.



**Mini-Spiral
or Twist**

What is a CFL?

It's short for Compact Fluorescent Lamp, which is a small fluorescent light bulb.



Tube or Universal

What's so remarkable about CFLs?

A CFL can be screwed into a regular light socket, yet uses up to 75% LESS energy than a traditional incandescent bulb. So, while a CFL may cost a bit more than the bulbs you're used to, they can save you money by reducing your energy usage and, therefore, your energy bills. What's more is that CFLs last up to ten times longer than the incandescent bulbs you're used to.



**Incandescent/
A-Line**

Why should I use CFLs?

Replacing traditional light bulbs with CFLs today is one of the easiest changes you can make to reduce energy use around your house right now. By doing so, you'll lower your electric bill as well as reduce the amount of greenhouse gas emissions in California's air, which in turn can reduce global warming.



**Globe
G25, G30, G40**

What difference can CFLs make?

If every California household replaced five incandescent light bulbs with CFLs, it would reduce enough CO₂ — the greenhouse gas that causes global warming — to be the equivalent of taking more than 400,000 cars off the road.



**Candelabra, Post
or Bullet Shape**

Where can I use CFLs?

If you're going to replace just one or two bulbs, choose lamps or fixtures that you have on for a substantial amount of time each day, in order to realize the greatest energy savings. It will probably be in one of the following rooms: family or living room, kitchen, bedroom or outdoors. CFLs work best in open fixtures, such as table and floor lamps, wall sconces and pendants. Use a reflector CFL instead of a spiral CFL for recessed fixtures.



**Indoor and Outdoor
R20, R30, R40, PAR38**

Is there just one kind of CFL bulb?

CFLs come in several shapes and sizes to accommodate your needs, whether it's for a table lamp, wall sconce, outdoor flood light, ceiling fan or track lighting. Be sure to read the packaging, since only certain CFLs are designed for dimmable, 3-way or recessed fixtures.

Continue to the back side.

What about wattage?

The labels on CFLs include information to make it easy to choose the best bulb for you. A common term is “60 Watt Replacement.” You should also check the lumen rating. The higher the lumens, the greater the light output. See the Incandescent-to-CFL Rating Chart.

Can I throw old CFLs into the trash?

CFLs contain trace amounts of mercury that make them energy efficient — equivalent to the amount that would cover the tip of a ball-point pen. For this reason, the state of California does not permit the disposal of CFLs in the garbage. The Environmental Protection Agency recommends that you take old bulbs in a sealed plastic bag to a local recycling center. Contact your municipal solid waste agency or visit epa.gov/bulbrecycling or earth911.org to identify recycling options in your area.

How do I take care of a broken CFL?

To clean up a broken CFL, sweep up — don't vacuum — all of the glass fragments and fine particles. Then put everything into a plastic bag, and wipe the area with a damp paper towel to pick up whatever you may have missed earlier. Add the towel to the plastic bag, seal and take to an appropriate recycling center. You can also open a window to ventilate the room if the weather is right. Also, keep in mind that you should not handle a broken CFL bulb with your bare hands — use rubber gloves.

How can I do more?

You can pledge to make CFLs a part of your home's lighting and join the hundreds of thousands who have already done so. You'll save energy and money. Go to www.sce.com/newlight.

Incandescent-to-CFL Rating Chart

To determine which ENERGY STAR® qualified light bulbs will provide the same amount of light as your current incandescent light bulbs, consult the following chart.

INCANDESCENT LIGHT BULBS	COMMON CFL BULBS	MINIMUM LIGHT OUTPUT
WATTS	WATTS	LUMENS
40	9-13	450
60	13-15	800
75	18-25	1,100
100	23-30	1,600
150	30-52	2,600

For example, a 14 watt CFL uses 1/4th the amount of energy of a 60 watt incandescent bulb, yet provides the same amount of light.



Look for the ENERGY STAR® label when purchasing CFLs.



Save 1,000 kilowatt-hours and you keep 870 pounds of greenhouse gases out of California's air.