

twist & save



Residential lighting accounts for about 10-15% of your home's electricity consumption. Upgrading to more energy-efficient lighting can be one of the easiest and least expensive upgrades you can do right now to reduce your electricity bill.

Through the Twist & Save program, Seattle City Light makes it easy and affordable for you to upgrade your lighting. Look for the Twist & Save label on qualified discounted CFLs and fixtures at participating retailers.



Save money and electricity

- If you changed out just five of the most frequently used incandescent bulbs with energy-efficient compact fluorescent light bulbs (CFL), you'd be saving nearly \$120 on your utility bill over the life of the bulbs.¹
- That's because ENERGY STAR® qualified CFLs use 75% less energy than energy-wasting incandescent bulbs while providing the same amount of light.

INCANDESCENT WATTAGE	EQUIVALENT CFL WATTAGE	LUMENS (BRIGHTNESS)	APPROX. LIFETIME SAVINGS PER CFL ²
40 W	11 W	550	\$15
60 W	13 W	900	\$24
75 W	18 W	1150	\$30
100 W	23 W	1400	\$40

¹ Savings assumes a 13 watt CFL replacing a 60 watt incandescent, 3 hours of use per day for 5 years at \$.095 per kWh electric rate.

² Savings based on 3 hours of use per day for 5 years at \$.095 kWh electric rate.

CFLs don't go in the trash!

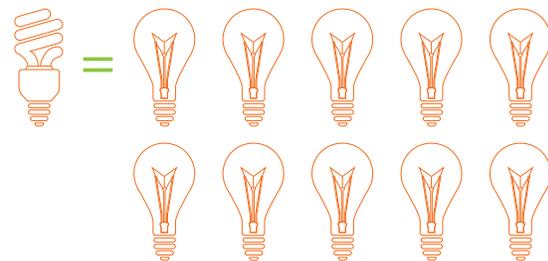
CFLs contain trace amounts of mercury which is considered hazardous waste. There are many locations that offer free recycling services:

- Bartell Drugs
- Home Depot
- Lowe's
- McLendon Hardware
- Seattle City Light North & South Service Centers
- Shoreline Residents — follow curbside recycling guidelines

For a list of recycling services, visit seattle.gov/twistandsave.

ENERGY STAR qualified CFLs last longer

An ENERGY STAR qualified CFL bulb can last up to 10,000 hours. You'd have to replace an incandescent bulb up to 10 times to get the equivalent number of hours as one CFL. And because you are not replacing incandescent bulbs every year, you're saving on the replacement cost of those bulbs too!



Choose the right bulb

Step 1: Select the right brightness and color

The first thing to consider is “How much light do I need?” When there was only one lighting technology available, most consumers associated watts with light output. However, watts are not a measure of light output, they measure the power required to light the product. LUMENS are the real measure of light output. Next, determine the color of light you would like. Typical color temperatures are described as soft white (warm, yellowish), bright white (neutral), cool white, and daylight (cool, blue).

Be sure to read the Lighting Facts label on the package, paying close attention to three major items:

- **Brightness:** This indicates the number of lumens the bulb emits. The higher the number of lumens, the brighter the bulb.
- **Energy Used:** Measures power required to light the product in watts. The lower the wattage, the less energy consumed.
- **Light Appearance:** Measures light color in kelvins (K). If you like light similar in color to an incandescent, you’ll want to choose a bulb on the warm end of the spectrum (2700K).

Lighting Facts Per Bulb	
Brightness	820 lumens
Estimated Yearly Energy Cost	\$7.23
Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use	
Life	1.4 years
Based on 3 hrs/day	
Light Appearance	
Energy Used	13 watts
Contains Mercury	
For more on clean up and safe disposal, visit epa.gov/cfl .	

Step 2: Select the right shape and size for your lighting fixture

							
	A-LAMP	GLOBE	TWISTY	FLAME	BULLET	INDOOR REFLECTOR	OUTDOOR REFLECTOR
Table/Floor Lamp	✓	✓	✓				
Pendant Fixtures	✓	✓	✓				
Ceiling Fixtures	✓	✓	✓				
Wall Sconces			✓	✓	✓		
Recessed Cans						✓	
Track Lighting						✓	
Outdoor (covered)	✓		✓		✓		
Outdoor (exposed)*							✓

* Be sure to look for label that indicates bulb is “weatherproof”

Other considerations when choosing a CFL

- Only CFLs marked “dimmable or “three-way” will work on dimmers or three-way fixtures.
- For recessed cans, choose CFLs marked “Indoor Reflector”.
- CFL bulbs are not recommended for motion-sensor or photo-sensor fixtures.
- CFLs are less suited to enclosed, airtight fixtures because excessive heat build-up will shorten life; unless specifically labeled for that use.

To learn more about Seattle City Light’s energy-efficiency programs, visit seattle.gov/light/conserve or contact a Seattle City Light Energy Advisor at (206) 684-3800.