



Benefits Of Compact Fluorescent Light Bulbs CFLs



Lighting your way to a brighter future



Why switch to an energy saving CFL

- Using compact fluorescent light bulbs (CFLs) helps us lessen our impact on the earth while saving energy and money.
- CFLs can be recycled - which keeps more materials out of landfills.
- They last longer, up to 10 times longer than incandescent light bulbs, which means fewer trips to the store, saving you time AND money.
- By switching from a 60W incandescent to a 13W CFL, you will save about \$47 over the lifetime of the bulb!*

*Savings based on \$.10 per kWh with a 10,000 hour CFL. Actual savings will vary based on current electric rates and hours of use.



Benefits of CFLs



- **Use less energy** – up to 75% less than standard incandescent light bulbs, which means lower utility bills.
- **Last longer** – most Satco CFLs are rated at 10,000 hours* compared to 1000 hours for an incandescent.
- **Produce less heat** – by using energy more efficiently less heat is emitted with CFLs; This will also lower cooling bills.
- **Save time** – by replacing less frequently, spend less time on a ladder changing light bulbs or driving to the store to purchase more.
- **Protect the environment** – using less energy decreases the amount of greenhouse gasses emitted into the atmosphere, a contributor of global warming.

*lifetime ratings may vary.

CFL vs. Incandescent

The table below illustrates the potential in energy bill savings by replacing incandescent bulbs with compact fluorescent light bulbs. On average a CFL will use 1/4 of energy used by an incandescent bulb while providing equal or more light.

CFL Wattage	# Of Sockets	Rated Wattage	Rated Life (hrs)	Annual Cost To Operate	Annual Savings	Cost at 10,000 hrs	Lifetime Savings
Incandescent 60W CFL 13W	1	60 13	1,000 10,000	\$6.57 \$1.42	\$5.15	\$60.00 \$13.00	\$47.00
Incandescent 60W CFL 13W	2	60 13	1,000 10,000	\$13.14 \$2.85	\$10.29	\$120.00 \$26.00	\$94.00
Incandescent 60W CFL 13W	3	60 13	1,000 10,000	\$19.71 \$4.27	\$15.44	\$180.00 \$39.00	\$141.00
Incandescent 60W CFL 13W	5	60 13	1,000 10,000	\$32.85 \$7.12	\$25.73	\$300.00 \$65.00	\$235.00
Incandescent 60W CFL 13W	10	60 13	1,000 10,000	\$65.70 \$14.24	\$51.47	\$600.00 \$130.00	\$470.00

*Savings based on \$.10 per kWh with a 10,000 CFL. Actual savings will vary based on current electric rates and hours of use.



Choosing the right CFL

Where to use a CFL

- In high use areas- kitchens, bathrooms, laundry rooms, hallways and outdoor fixtures.
- In hard to reach areas (because they last longer, you spend less time changing them).
- Where you need more light without exceeding the maximum rated wattage for a fixture. Providing the CFL fits properly in the fixture or lamp.

Choosing the right wattage

Use a 4:1 rule when choosing for energy savings. When replacing a 60W incandescent, use a 13W or 15W CFL. Choose the lumen output you need and then select the lowest wattage.

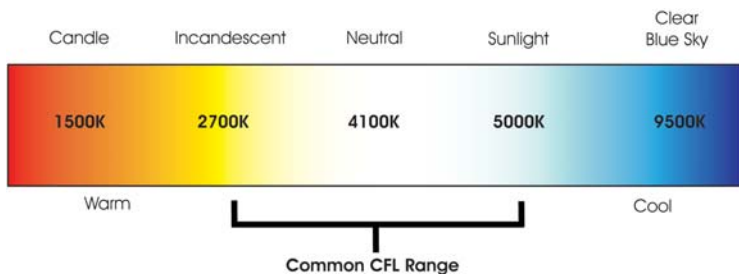
Many shapes and sizes

- Globes
- Reflectors (indoor and outdoor)
- A-Lamps
- Torpedoes and Bullets
- Spirals



Color choices

CFLs are available in several color temperatures. Color is rated on a scale measured in Kelvins (K). Refer to the charts below to find the CFL that is right for you.



SOFT WHITE	BRIGHT WHITE	NATURAL LIGHT
2700K	4100K	5000K
<ul style="list-style-type: none"> • Living Areas • Bedrooms • Dining Spaces 	<ul style="list-style-type: none"> • Office Use • Work Areas • General Lighting 	<ul style="list-style-type: none"> • Reading • Display Use • Show Color Accurately

Improved technology

- No flicker or hum
- Smaller size
- Available in various color temperatures
- Reproduces colors more accurately



Mercury facts

CFLs require mercury to operate. The amount of mercury in a CFL is very small, their use creates a net reduction of mercury emissions to our environment, as compared to using incandescent lighting. Since they use less electricity than traditional incandescent bulbs, less power from coal-fired plants is required, resulting in reduced mercury emissions. More information is available at www.energystar.gov.



LIGHT OUTPUT EQUIVALENCY

To determine which CFL light bulb will provide the same amount of light as your current incandescent light bulbs, please look at the following chart:

INCANDESCENT LIGHT BULBS	MINIMUM LIGHT OUTPUT	COMMON CFL LIGHT BULBS
WATTS	LUMENS	WATTS
40	450	9-11
60	800	13-15
75	1,100	18-20
100	1,600	23-32
150	2,600	30-55

As an environmental and energy conscience company, SATCO Products has focused many of its resources to the development and promotion of energy efficient lighting products. SATCO is determined to continue this effort and chart new paths in environmentally responsible products.



SATCO offers more than 200 styles of compact fluorescent lighting products.





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