



Hawaii Energy

YOUR CONSERVATION & EFFICIENCY PROGRAM

Compact Fluorescent Lights

FACT SHEET



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Compact Fluorescent Lights (CFLs)

Why Choose CFL Bulbs?

- CFLs are an easy and inexpensive way to improve a home's efficiency. An average Hawai'i family can save about \$80 to \$240 each year on energy costs, depending on the appliances and CFLs selected and their usage.
- According to ENERGY STAR, one CFL will save approximately \$30 over its product life and buyers will re-coup its cost in six months.
- A CFL needs 75 percent less energy and has a product life approximately 10 times longer than your typical incandescent light bulb.
- If every American home replaced just one light with an ENERGY STAR light, we would save enough energy to light more than three million homes for a year, about \$700 million in annual energy costs, and prevent nine billion pounds of greenhouse gas emissions per year, equivalent to the emissions of about 800,000 cars

Instant Cash Rebates

- Hawai'i Energy provides instant in-store cash rebates with the purchase of qualified CFLs at various retailers throughout Hawai'i such as Costco and Wal-Mart.
- In some cases, the cost of CFL bulbs are less than half price after the rebate and no mail-in coupon is required.
- Consumers can get anywhere from \$1 back for a standard CFL purchase to \$15 for a 6-pack of dimmable or CCFLs (cold cathode fluorescent lamp).
- To find a list of participating retailers that offer instant rebate for qualified CFLs, visit www.hawaiienergy.com and click on "Rebate Forms".

Tips to Extend the Life of CFLs

- There are over 19 different kinds of CFL bulbs; it is important select the appropriate one for various outlets.
- CFLs operate most efficiently when warmed up, after around 15 minutes. Turning them on and off frequently may shorten their lifespan.
- Dimmable CFLs should only be used in lights controlled with dimmer switches.
- Using standard CFLs in places where there is vibration (i.e. ceiling fans or garage doors) can shorten the life of the bulbs, use CFLs specifically labeled this use.
- CFLs should not be used in lights controlled by electronic timers or on photocell devices or fixtures.

Current Cash Rebate Amounts Offered From Hawai'i Energy

Single Packs

- Type 1: One dollar (\$1) per qualified single pack of CFL
- Non – Dimmable
 - Non – 3 way
 - Non special-shaped CFL
- Type 2: Three dollars (\$3) per qualified single pack of specialty use and shaped CFLs
- 3 way (three different lumen output)
 - For special shapes: Globes, Torpedo, PARs and A-Shaped
 - Not for Dimmable CFLs or CCFL (cold cathode fluorescent lamp)
- Type 3: Five dollars (\$5) per qualified single pack of dimmable CFL or CCFL
- Dimmable CFL or CCFL (cold cathode fluorescent lamp)

Multi-Packs

Rebates for multi-packs of qualified CFLs (when more than one CFL is packaged and sold as one SKU) will receive multiple rebates of no more that three rebates per SKU.

Examples are provided below of common multi-packs and the applicable rebates.

2 – Pack containing the following:

- Type 1 (\$1 rebate): Two (2) rebates equaling two dollars (\$2)
Type 2 (\$3 rebate): Two (2) rebates equaling six dollars (\$6)
Type 3 (\$5 rebate): Two (2) rebates equaling ten dollars (\$10)

3 – Pack containing the following:

- Type 1 (\$1 rebate): Three (3) rebates equaling three dollars (\$3)
Type 2 (\$3 rebate): Three (3) rebates equaling nine dollars (\$9)
Type 3 (\$5 rebate): Three (3) rebates equaling fifteen dollars (\$15)

6 – Pack containing the following:

- Type 1 (\$1 rebate): Three (3) rebates equaling three dollars (\$3)
Type 2 (\$3 rebate): Three (3) rebates equaling nine dollars (\$9)
Type 3 (\$5 rebate): Three (3) rebates equaling fifteen dollars (\$15)

ENERGY STAR® Lighting Fixtures with CFLs included in the box

- Type 1: One dollar (\$1) per qualified CFL
- Non – Dimmable
 - Non – 3 way
 - Non special shaped CFL
- Type 2: Three dollars (\$3) per qualified single pack of specialty use and shaped CFLs.
- 3 – way (three different lumen output)
 - Globes, Torpedo, PARs, A-Shaped, Pin and GU-24
 - Not for Dimmable CFLs or CCFL(cold cathode fluorescent lamp)
- Type 3: Five dollars (\$5) per qualified single pack of dimmable CFL or CCFL
- Dimmable CFL or CCFL (cold cathode fluorescent lamp)

How to Choose the Right CFL



Spirals

Spiral-shaped bulbs are the most popular type of CFL. Spiral CFLs create the same amount of light as traditional incandescent bulbs, but use less energy. They are best suited for desk, floor and shade lamps, swing arm lamps and wall lights and sconces that allow ample air flow.



A-Type

A-type bulbs combine the efficiency of the spiral bulbs, with the look and feel of the traditional incandescent light bulbs. These products are great for consumers who don't like the look of the spiral bulbs but still want efficient lighting.



Globe

Globe-style bulbs work best for vanity mirrors, bathroom light fixtures and some ceiling pendants. Like other covered CFLs, globes need a little time to "warm up" and reach full brightness.



Tubed

Some of the first ENERGY STAR qualified light bulbs were tube shaped. Basically straight versions of the spiral bulbs, tubed bulbs work well in lamps that have slender covers such as wall sconces.



Candle/Chandelier

These bullet-shaped products are ideal for use in decorative fixtures where you can see the light bulb. The sleek shape also allows for use in tight fitting light fixtures where a covered globe won't fit.



Posts

Covered post bulbs are great for outdoor fixtures; manufacturers design these bulbs to hold up to outdoor conditions. There are also yellow "bug light" covered posts, designed to keep away insects. Check compatibility with timers and photocells.



Indoor Reflectors

Reflector bulbs are perfect for providing directional light — such as with recessed ceiling lights in kitchens or ceiling fans. Indoor reflector bulbs are much smaller than those that are designed for outdoor use. Some are small enough to fit in ceiling fan lights, and some can be used with a dimmer — the packaging will tell you.



Outdoor Reflectors

For use outside, these bulbs are sealed to withstand rain and snow. They're usually larger than the reflectors designed for use inside. Don't use the outdoor reflectors with timers, photocells, and motion sensors because you could shorten the life of the bulbs.