

Compact Fluorescent Bulb Drive

These are typical bulbs and prices

14 Watt Reflector - Wattage
Comparison: 60 Watt Equivalent
 3.75" Diameter -8,000 Hour Life
 Electronic Ballast NPF
 750 Initial Lumens
 Color 2700k



Code: **R301465**
 Price: **\$3.50 ea**

14 – 19 – 23 Watt Spiral
Watt Equivalent 60, 75 & 100w
 Initial Lumens: 800
 Color: 2700k (warm)
 10,000
 Hours Life!



Code: **UB1412**
 Price: **\$1.00 ea**

23 Watt - 90Watt Equivalent – Outdoor
 950 Initial Lumens - Colors: 2700 - 4500K
 4.75" Diameter - 8,000 hr.



Code: **P381935**
 Price: **\$4.50ea**

Putney Energy Committee

The PEC continues our Compact Fluorescent Light (CFL) Bulb Drive for Dummerston and Putney Vermont. Changing at least one light bulb to a more efficient compact fluorescent will lower your electric bill. These *Energy Star* bulbs are on-sale at wholesale prices for residents or business, available from True-Value, Home Depot and Brown & Roberts (in addition to PEC) from \$1.00 to \$10.00 - We offer all types of bulbs, from 5-Watt Mini Spirals to 26-Watt Floodlights. Please call Daniel at 802 387 4141 for more information or stop by 120 Main St. in Putney. If you have changed your own, just let us know!

 Please tell us if you have already purchased bulbs – so we can add these to the bulb drive count. You can send this form along with a check to
 - PEC care of eSolutions - PO BOX 628 Putney VT 05346

QTY	Bulb Code	Watt/Description	Unit Cost	Sub Total
	<= Total bulbs	Donation amount if any =>		
Please fill in this form to let us know what bulbs you need or have already purchased, or if <i>you would like to make a donation</i> . All donations collected will be put towards the purchase of bulbs for the town municipal buildings and non-profit organizations			Grand Total	

Name _____ Phone _____
 Address _____ Zip _____ Fulfilled by _____

Advantages of Compact Fluorescent Bulbs (CFLs)

- § CFLs use 75 percent less energy to produce the same amount of light. An 18-watt CFL can replace a 90-watt incandescent.
- § CFL bulbs last ten times longer and produce much less wasteful heat. The life of a CFL is up to 10,000 hours per bulb, compared to less than 1,000 hours for an incandescent. Which one is the better deal?

Compact fluorescents are only slightly more expensive to purchase (\$1.00 - \$12 per bulb), but keep in mind that they can pay for themselves in energy savings in less than two years - and they will last for at least two to four more years! The sooner you switch the more you will save. If every American family switched to CFLs, we could save 31.7 billion kilowatt-hours of electricity every year - enough to light about one third of all U.S. households for an entire year! For example, if you replace one 60-watt incandescent with a 14-watt fluorescent and use it six hours a day, you could see an energy savings of **more than \$40** over the four-year life of the bulb. You'll also save on the cost of not purchasing at least eight incandescent bulbs during that time, and the numerous trips to the store - and that's just one fixture! Install CFLs in hard-to-reach areas, such as hallways, closets, vaulted ceilings, etc. You will not have to climb a ladder again for years!

Making the switch

A general rule when buying CFLs is to choose wattages that are about one-third of what you usually buy.

The table below shows some typical wattage conversions:

- § 25-watt incandescent = 9-watt fluorescent
- § 40-watt incandescent = 11-watt fluorescent
- § 60-watt incandescent = 14-watt fluorescent
- § 75-watt incandescent = 18-watt fluorescent
- § 100-watt incandescent = 23-watt fluorescent

• CFLs are produced in varying shades of white:

- "Warm white" (2,700 K) provides a light extremely similar to that of an incandescent bulb, somewhat yellow in appearance.
- "Soft white" (3,500 K) bulbs produce a pinkish-white light.
- "Cool white" (4,100 - 4500K) bulbs emit more of a pure white tone slightly blue tinge.
- "Daylight" (5,000k to 6,400 K) is often very bluish-white at night.

The "K" denotes the color temperature in kelvins. Color temperature is a quantitative measure. The higher the number, the "cooler", i.e., bluer, the shade

If you are worried about buzzing and flickering problems common with fluorescent tube lights, **worry no more.** Modern compact fluorescent bulbs use electronic ballasts that eliminate those annoyances. CFLs are available in a huge variety of shapes and sizes, so you should have no problems finding bulbs to fit any fixture in your home. If you have a unique or unusually-shaped lamp or fixture, take the your bulb along to the store (or Dosolutions) to compare it. Please note that CFL bulbs do contain small amounts of mercury; when they do wear out (or break), you can bring them to Brown and Roberts or True Value or Home Depot for recycling.

Getting the most for your money

- § Some CFLs are rated for outdoor use; others are for indoor use only please read the package carefully.
- § Even if you think you have changed all the bulbs you could; Look around, and you will see bulbs that can be changed. There are so many new shapes and sizes for indoor and out door use.
- § CFLs can be used with timers, high quality motion detectors with photocells or occupancy sensors. If you need to use a dimmer switch, **look for a CFL designed specifically for dimming or motion detection.**
- § CFLs can replace bulbs in many halogen lamps, which will save energy and greatly reduce the risk of fire.
- § Efficiency Vermont offers a discount per package on CFLs if you purchase them at a participating hardware or lighting store. **(TrueValue, Home Depot and Brown and Roberts, offer coupons for \$1.50 off)**
- § Most of the PEC CFLs are available in colors: 2700K, 3500k, 4100k and 5500k, for special orders, please specify the color you need. You can visit us online at <http://energy.Putney.net> or Call 802 387 4141 and ask for Daniel.