

It has to be Beacon for

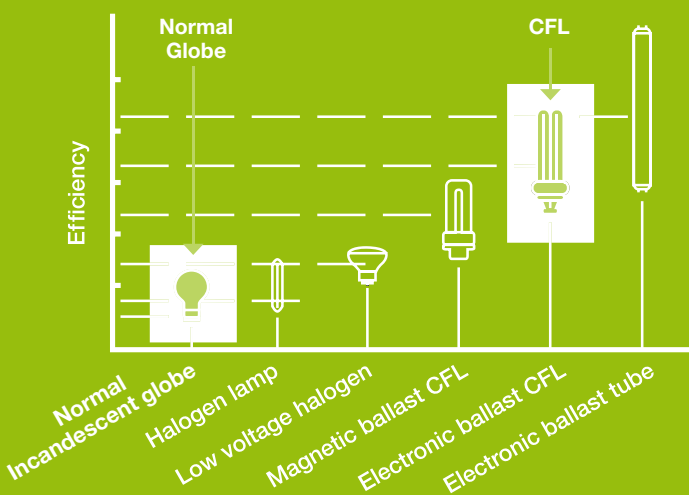
Energy Saving Lighting Solutions



Envirolux
Low energy lighting

Energy-saving lighting solutions for your home

With the drive towards environmentally friendly and cost-saving alternatives in the home, there is an abundance of choice but not a lot of clear information. Put simply, energy saving lighting is about reducing the wattage you use in a light fitting whilst maintaining the same light output. By using energy saving lighting you will not only generate huge savings on your electricity bills; you'll also be doing your bit for the environment.



Compact Florescent Lamps (CFLs) are one form of energy saving light globes. They are simply fluorescent tubes bent into shape to fit into an ordinary light. They use considerably less energy than standard incandescent globes (see graph above).

Why should I use energy saving globes?



1 Save \$\$\$ on your power bills

Although CFLs cost more to purchase, this is outweighed by the fact that they use around **a fifth of the electricity used by an ordinary light globe** – saving on your power bills. For example, over a period of 15 years your power bill for a normal 50W halogen (GU10) globe will be \$112.50, where as a energy efficient CFL will cost just \$20.25.



2 Saves you time

Energy efficient CFLs also **last for many years** ranging from 5000hrs (5 yrs) to 15,000hrs (15 yrs) – saving you the hassle and inconvenience of having to buy and replace your globes yearly.



3 Helps save the environment

Energy efficient globes reduce energy consumption and help to **cut greenhouse gas emissions** which are harmful to the environment.



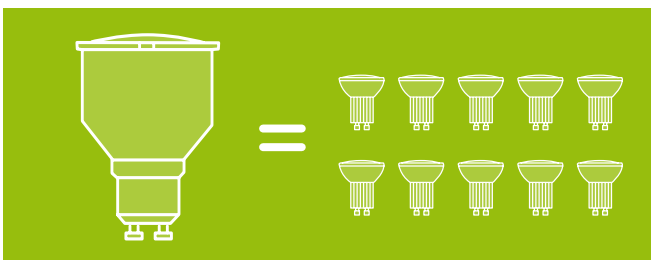
4 New mandatory building regulations

Some state governments have introduced new mandatory legislation that requires new homes to be fitted with a specified amount of energy saving lights as part of their overall strategy to reduce energy consumption. It is anticipated that a form of these regulations will become mandatory in all states in the near future.

Introducing Envirolux

With the push to reduce environmental greenhouse gases, the new **Envirolux** range includes a large array of modern fittings, designed specifically to fit energy saving CFL globes. Exclusive to Beacon Lighting, the **Envirolux** range achieves outstanding performance, using **80% less electricity** than conventional incandescent globes.

Save power and \$\$\$ with Envirolux



1 x 9 watt 15,000 hr energy efficient GU10 globe	10 x 50 watt 1500 hr standard GU10 globes
<ul style="list-style-type: none"> • Lasts approx 15 years • Cost of Power: 15 years, \$1.35 p.a. = \$20.25* • Cost of globe = \$19.95 	<ul style="list-style-type: none"> • Lasts approx 1.5 years each • Cost of Power: 15 years, \$7.50 p.a. = \$112.50* • Cost of globes (\$3.95 ea) = \$39.95
Total cost for 15 years = \$40.20*	Total cost for 15 years = \$152.45*

Total savings over 15 years per globe = \$112.25*

Considering an average house can have up to 40 of these globes, the savings become substantial.

* The calculations, costs and savings above are approximate only, and based on an average costs of power (15c/kWh hr) and globes as at April 2006. Variations will occur due to current and future varying costs of power, cost of globes, varying quality of globes and therefore expected lamp life together with the extent and type of usage.

What globes can I replace with energy efficient globes?

CFL's come in many shapes and sizes, which means that pretty much any type of light can be refitted with a compact fluorescent light (CFL) – lamps, downlights, decorative pendants, spotlights and exteriors. "One size fits all" is not available, so please see your sales consultant for recommendations.

Below are some examples:

Downlights / Spotlights GU10

Replace Hi Volt 50W GU10 with an energy efficient 9W GU10



Downlights / Spotlights R80

Replace 75W R80 downlights and spotlights to energy efficient 15W R80s



Outdoor Spotlights PAR38

Replace 120W PAR38 with energy efficient 20W PAR38



Normal incandescent

Replace 75W GLS incandescent globe with 15W energy efficient CFL



What wattage will I need?

Just like normal globes, compact fluorescent lamps (CFLs) are sold by the wattage. However, because they use a lot less energy, a lower wattage globe is needed to give out the same amount of light.

Here are the equivalents:

Ordinary Globes (Incandescent)	Energy Saving Globes (Compact Fluorescent Lamps CFLs)
25W	7W
40W	9W
60W	11W
75W	15W
100W	20W

Will the colour quality be OK?

Although early CFLs had a stark light, the light quality on the newer CFLs is equal to or superior to your normal incandescent light globe. You can now choose between warm white, cool white or super bright daylight depending on the desired look, feel and use of your room. New electronically ballasted CFL's don't flicker or hum.

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Exclusive to Beacon Lighting

Call 131 595 for a store near you
www.beaconlighting.com.au



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