



Switch to a globe that doesn't cost the earth.

Climate Change caused by Global Warming is a problem that will affect the entire human race. It is a problem that we all contribute to through our greenhouse gas emissions, so we must all be part of the solution.

One of the easiest ways to contribute positively is to take action on our own homes' energy consumption. The equation is simple - if we use less energy, we save money and we reduce our greenhouse gas emissions.

Switching to efficient lighting options such as energy saver globes (Compact Fluorescent Lamps (CFL)'s) can reduce your lighting related greenhouse gas emissions and running costs by up to 80%.[‡]

Recognising the potential to decrease these harmful emissions, the Australian Government made a decision to ban the importation of incandescent (regular shaped) globes from February 2009 as these globes are the least efficient type of lighting and waste around 90% of the energy they consume as heat, not light.

The Government estimates* the savings to Australia to be:

- More than four terawatt hours of electricity per annum – which is equivalent to closing one of Australia's smaller coal-fired power stations.
- Up to four million tonnes of greenhouse gas emissions per annum – which is equivalent to taking one million cars off the road.
- More than \$400 million in electricity bills saved annually – that's saving more than \$50 per year per household.

[‡] Up to 80% energy saving over incandescent globes
^{*} DEWHA, Annual Report, 07-08



Planet Ark endorses Philips Energy Saver globes that carry the Planet Ark logo, for their environmental benefits. These include their energy efficiency and ongoing commitment to the reduction or removal of hazardous substances commonly found in lighting products, such as mercury, chromium and lead.

Which Philips Energy Saver globe do I purchase to replace a regular globe?

The range below provides a guide of the nearest wattage equivalences (that produce similar light output) for regular incandescent and energy saver globes.

| Regular Globe Wattage* | | | Energy Saver Globe Wattage* | |
|------------------------|------------|--|-----------------------------|--|
| 25W | similar to | | 5W | |
| 40W | similar to | | 8W | |
| 60W | similar to | | 11/12W | |
| 75W | similar to | | 14W | |
| 100W | similar to | | 20W | |
| 125W | similar to | | 24W | |

*Guide only. Actual light output not equivalent.

Philips Energy Saver globes are available in either Cool Daylight or Warm White versions.



To create a crisper, cooler atmosphere, use Philips Energy Savers in the following environments:

- Hall
- Bathroom
- Outdoor
- Kitchen



To create a warm white atmosphere similar to an incandescent globe, use Philips Energy Savers in the following environments:

- Lounge
- Dining
- Bedrooms
- Lamps

Visit: www.philips.com.au/homelighting to learn more about the range of Philips Energy Saver globes.



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Switching to Philips Energy Saver globes - what you need to know



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To help you switch to a brighter future visit www.philips.com.au/homelighting to find the right alternative to your energy-inefficient lamp



Find your energy saver

Search our range of energy saver globes by:

- wattage
- fitting type
- shape of the globe
- type of fixture
- application area
- lighting effect



Calculate your savings

Calculate your energy savings online by switching from regular incandescent globes to Philips Energy Saver globes.



Simulate your room with light

Discover the different types of lighting effects with our online lighting simulator.



Handy FAQs

Most questions are answered online with our handy FAQ section - if not, simply contact us.



Find out more about Planet Ark endorsement of Philips Energy Saver globes including the '7 Myths about Energy Saver globes'.

FAQ's on Philips Energy Saver globes or Compact Fluorescent Lamps (CFLi's)

What cost savings can be realised by switching to Philips Energy Saver globes?

By switching from a regular incandescent 60W globe to a Philips 11W Energy Saver globe you could potentially save up to \$29 in energy costs or approximately 279kg of greenhouse emissions over 3 years. Visit www.philips.com.au/homelighting to calculate your savings.

Can I replace all of my regular incandescent lights with energy saver globes?

There is a range of Philips Energy Saver globes available to suit most applications throughout your home including the traditional covered form as well as spiral, stick and candle shapes.

What is the difference between a 'warm white' and 'cool daylight' energy saver globe?

Philips Energy Saver globes can also be purchased in either a 'cool daylight' or a 'warm white' colour. Warm white would be more suitable for general use around the home while cool daylight would be better suited to task work such as cooking.

Is the life of an energy saver affected by regular switching?

A CFLi's life is no longer affected by switching. The current standards for 'Energy Recommended' accreditation requires over 3,000 switching cycles per 8,000 hours of tested life which is many more than would be necessary for normal domestic use.

I have dimmer switches in my house.

Can you dim energy saver globes?

Philips Dimmable Tornado Energy Saver globes can operate and dim on ordinary domestic dimmer switches. Visit www.philips.com.au/tornado for details.

Are energy saver globes safe to use for people with light sensitivity conditions or Lupus?

People affected from light sensitivity or lupus sufferers (a chronic autoimmune disease – of which sensitivity to ultraviolet light is a key symptom) could

be affected by either the intensity of the light (i.e. the lumens of the lamp), the spectral property of the light (particularly when the light contains more blue) or when a lamp radiates a small amount of ultra-violet (UV) light.

There is a small amount of UV generated by fluorescent lights (such as CFLis). But this is fractional if you compare this to natural daylight. Special covers can be used to fully filter the last bits of UV radiation from the lamps.

Visit www.philips.com.au/homelighting to read more about general tips for people who are sensitive to light.

Do Philips Energy Saver globes contain Mercury? Is it harmful?

Philips Energy Saver globes contain a small amount of mercury, an essential component in the operation of the lamp. Most energy saver globes contain between 3-5mg of mercury, by comparison a typical thermometer has between 500 and 3,000mg of mercury.

When sealed within the lamp the mercury is harmless, however as with any harmful substance care should be taken if the lamp is broken.

What do I do with an energy saver globe when it burns out?

What is the proper disposal procedure?

Energy saver globes are safe to use in your house. No mercury is released when the bulbs are in use and they pose no danger to you or your family when used properly. However, energy saver globes are made of glass tubing and can break if dropped or roughly handled. Care should be taken when removing the lamp from its packaging, installing it, or replacing it. Always screw and unscrew the lamp by its base, and never forcefully twist the energy saver globe into a light socket by its tubes.

Please visit www.philips.com.au/homelighting to find out the correct disposal procedure if you break an energy saver globe.



Visit: www.philips.com.au/homelighting to learn which Philips Energy Saver globe is best suited to the application in your home.