

Lighting

Save up to 80% on lighting bills with CFLs and LED lamps


**Smarter
Choice**

Save energy, water
and money



Save up to 80% on lighting bills by replacing your old inefficient light globes with compact fluorescents (CFLs) & light emitting diodes (LEDs).

CFLs and LEDs can directly replace most incandescents including halogen downlights, reflector lamps, PAR38 lamps, fancy round, small and candle lamps.

There's no doubt about it, installing more efficient CFLs and LEDs saves energy and money:

- › You will save up to \$100 over the life of the globe for every CFL and LED you install.
- › Good quality CFLs and LEDs need to be replaced less often than conventional incandescent light globes.

There are a wide range of CFL and LED light fittings to choose from so when choosing CFLs and LEDs think about:

- › **Light output** Is it equivalent to the lamp being replaced?
- › **Lamp lifetime** A good quality CFL should last for 6000 to 8000 hours, and a good quality LED should last for at least 25,000 hours.
- › **Colour** Most people prefer to use a warm white for living areas and bedrooms, or cool white for kitchens and bathrooms.
- › **Compatibility with your light fitting** Do you need a bayonet screw fitting?
- › **Dimmers** Not all CFLs and LEDs are able to be dimmed, make sure you check the packaging before you buy.
- › **Size and shape** Is the lamp's size and shape suitable if it's going in a downlight, or enclosed fitting?
- › **Replacing halogen downlights** You can even replace your 12 volt halogen downlights with CFLs or LEDs. LED lamps

and CFL lamps contain electronic circuits which may not be compatible with some existing 12V transformers. Check that new lamps are compatible with your existing fittings and have an adequate light output before you purchase a complete set of replacement globes.

Running costs

Light Output (lumens)	CFL/LED		Mains Voltage Halogen	
	Power (Watts)	Cost (\$/Yr)	Power (Watts)	Cost (\$/Yr)
220	5-6	\$1.50-\$1.80	18	\$5.50
420	7-9	\$2.10-\$2.80	28	\$8.60
720	11-13	\$3.40-\$4.00	42	\$12.90
930	13-15	\$4.00-\$4.60	52	\$15.90
1300	18-23	\$5.50-\$7.10	70	\$21.50

Based on use of 3 hours per day and an electricity tariff of 28c/kWh

Maximise efficiencies and save

To make your home's lighting even more energy efficient, try using:

- › Motion sensors and timers for outside lighting, or for areas where lights are used occasionally.
- › Solar lighting for your garden.

More information

Ask your retailer, phone 1300 363 744 or visit www.sustainability.vic.gov.au/smarterchoice