

COMPACT FLUORESCENT LIGHTING (CFL)

WHAT.....?

- A new type of globe that is cheaper than standard globes
- One new CFL globe will cost more than one standard globe, but for one CFL, you will need 10 standard globes
- Less energy is needed by a CFL, so it is less expensive to use
- You can change all lights at home to use CFLs

COST.....?

- 10 standard globes = $10 \times R4 = R40$
- 1 CFL = R20
- Energy for standard globes = $60W \times 5h \times 365\text{day} \times 30c/kWh = R33/\text{year}$
- Energy for CFL = $11W \times 5h \times 365\text{day} \times 30c/kWh = R6/\text{year}$
- Standard globes total cost R50/year
- CFL total cost R14/year
- 5 CFLs in one home will cost R180 less than standard globes each year



WHY.....?

- use 80% less energy than a standard incandescent globe
- last up to 10 times longer
- provide the same amount of light (lumens) as standard incandescent bulbs
- CFLs are cool to the touch so they are safer

HOW.....?

- Fits in the same way as standard globes – no need to change lights
- Screw in or bayonet fitting, as standard globes
- Uses less energy – 60W standard globes gives the same light as a 11W CFL