

ENERGY SAVING LIGHTING

LIGHTSTAR - FOR A GREENER WORLD

FREQUENTLY ASKED QUESTIONS

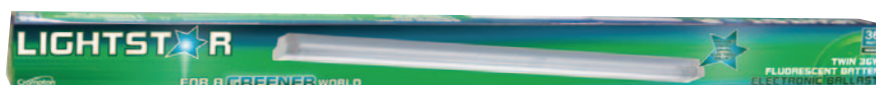
ENERGY SAVING COMPACT FLUORESCENT LAMPS

- Q.** Do compact fluorescent lamps save energy?
A. Yes they use up to 80% less energy than traditional light globes.
- Q.** Do they last longer than traditional GLS light globes?
A. Yes they can last up to eight times longer
- Q.** Can Lightstar compact fluorescent lamps be dimmed?
A. No they are not suitable for dimming or for use with sensors.



ENERGY SAVING LIGHT FITTINGS

- Q.** What type of light fittings can you use compact fluorescent lamps in?
A. Just about everything where a standard GLS light globe is used.
- Q.** Can energy saving GU10 downlights be used to replace existing low voltage downlights?
A. No, the energy saving GU10 is a mains voltage lamp and does not need a transformer. Also the lumen output of energy saving GU10 is not as high as a 50W dichroic halogen lamp and you would need to space the GU10 downlights closer together. Depending on the GU10 lamp wattage a general rule is 0.5 to 1.0 metres apart.
- Q.** What are the advantages of the fluorescent fitting with an electronic ballast?



- A.** Generates less heat and is more energy efficient
Warm start less flicker
Lower watt loss in the ballast - more economical
Constant light output, independent of mains voltage fluctuation

LED

- Q.** What does LED stand for?
A. Light emitting diode.
- Q.** What type of transformer do you use for LED light fittings?
A. A constant current driver which converts AC current to DC. This driver can be an integral part of the light fitting or an external device.
- Q.** Do LED's save energy and how long do they last?
A. They are the most energy efficient light source with a very low wattage rating and last anywhere from 10000 to 50000 hours.