

Lampholder

lighting design and supply

LOW-ENERGY LIGHT BULBS

Consumer Factsheet

What are they? Energy-efficient compact fluorescent bulbs (CFLs) are no longer the ugly monsters of the 1990s. There are CFL bulbs to match most tungsten options for wattages, bases, sizes and shapes:

- Candle
- Mini-spiral
- Stick
- Bulb
- Globe
- Mini-spotlight

Why CFL?

1 Saves money

Low-energy light bulbs cost 80% less to run because they use only 1/5th of the electricity of an equivalent tungsten bulb. Most importantly, CFL bulbs come on within one second, and quickly reach full brightness.

Electricity prices in the UK are forecast to rise by 20% each year for the next 5 years. Even using a small number of CFL bulbs will save you money – they pay for themselves in less than one year!

| Running cost comparison: Cost of electricity for 1 year* | | | | |
|--|----------------------------------|------------------------------------|----------------------------------|------------------------------------|
| Bulb wattage (tungsten) | 60 watts | | 100 watts | |
| | Evenings (4 hrs average) £ | All night (12 hrs average) £ | Evenings (4 hrs average) £ | All night (12 hrs average) £ |
| Traditional bulb (60/100 watt) | 9.00 | 27.00 | 15.00 | 45.00 |
| Compact Fluorescent Bulb (11/20 watt) | 1.65 | 4.95 | 3.00 | 9.00 |
| Annual saving per bulb | £7.35 | £22.05 | £12.00 | £36.00 |

(*Annual cost of electricity used, assuming weighted average day & night price @ 10p / kWh)

2 Saves time

Under normal conditions a tungsten bulb in regular use will run for less than one year. A CFL bulb will run 10 times longer, so bulb changing almost becomes a thing of the past. With CFL bulbs you just fit and forget!

3 Reduces CO₂ emissions

Using CFL bulbs helps to reduce CO₂ emissions:

- Every year replace 1 x 60w bulb with an 11w CFL for normal household = **31kg less CO₂**
- Every year replace 1 x 100w bulb with a 20w CFL for normal household = **50kg less CO₂**

What Wattages do I need?

| Tungsten | 25 watt | 40 watt | 60 watt | 75 watt | 100 watt | 150 watt |
|-------------------|---------|---------|---------|---------|----------|----------|
| Fluorescent (CFL) | 7 watt | 9 watt | 11 watt | 15 watt | 20 watt | 30 watt |

Need more information?

If you have any questions or would like more information, please call our sales office for assistance. You can also email us at bc@lampholder.co.uk but please remember to include your telephone number so we can call you back if we need to:

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