

Lampholder

lighting design and supply

COMPACT FLUORESCENT LIGHT BULBS

Consumer Factsheet

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 lightbulbs cost 80% less to run because they use 1/5th of the electricity of an equivalent tungsten bulb. CFL bulbs come on within one second, and quickly reach full brightness, however they are not generally dimmable. Consequently they are best suited to background or task lighting.

Electricity prices in the UK are forecast to increase. 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 (4hrs average) £ | All Night (12 hrs average) £ | Evenings (4hrs average) £ | All Night (12hrs average) £ |
| Traditional Bulb (60/100 watt) | 12.60 | 37.80 | 21.00 | 63.00 |
| Compact Fluorescent Bulb (11/20 watt) | 2.31 | 6.93 | 4.20 | 12.60 |
| Annual saving per bulb | 10.29 | 30.87 | 16.80 | 50.40 |

(*Annual cost of electricity used, assuming weighted average day & night price @ 14p/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 replacing 1 x 60w bulb with a 11w CFL for normal household = 27kg less CO₂
- Every year replacing 1 x 100w bulb with a 20w CFL for normal household = 44kg 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 |

Lampholder 2000 Ltd, Unit 3 TU House, Thorpe Underwood, Northampton NN6 9PA, UK

Telephone: 01536 713642 • Email: sales@lampholder.co.uk

© 2015 Lampholder 2000 Ltd