

Saving energy on lighting

The cost of lighting





Lighting is one of those essential things you need in your house, but that doesn't mean it has to cost the earth. If you still have old fashioned incandescent light bulbs in your house, you really should replace them as soon as possible with new LED lights. In the old days lighting was fairly simple, as you had 3 main choices of light bulb, 100 watt, 60 watt and 40 watt. But now you have all sorts of wattages available in LED, so it can be hard to know what is right for your home.

Choosing the right LED light

How much do LED lights actually save?

LED lights use around 80% less energy than old fashioned incandescent light bulbs, but what sort of energy saving can you expect to see in your back pocket?

A 100 watt light bulb costs around £18 for every thousand hours it is on. A 20 watt LED light used for the same period of time would cost £3.60. The below table highlights the potential savings per light in your house.

Light Type	Room where likely to be fitted	Incandescent wattage	LED wattage
GLS Bulb 	Living room and bathroom	100 watt	14-20 watt
GLS Bulb 	Bedroom	60 watt	7-10 watt
GLS or candle bulb 	Lamp in living room or bedroom	40 watt	6-7 watt
GU10 Halogen 	Kitchen	50 watt	4-5 watt

Original Light Type	LED Equivalent	Guide Price for LED lightbulb	Time in Use	Saving
100 watt	20 watt	£3.50 - £6.00	1000 hours	£14.40
60 watt	10 watt	£2.50 - £5.00	1000 hours	£9.00
40 watt	7 watt	£2.00 - £4.00	1000 hours	£5.94
50 watt halogen	5 watt	£2.00 - £5.00	1000 hours	£8.10

Further Information

Energy Series 01 - Understanding Kilowatt Hours (kWh's)

Contact details

We are here to support you and you can contact us in the following ways:



0161 393 7117



Tellus@fcho.co.uk



First Place, 22 Union Street, Oldham OL1 1BE

Any Questions?...
Visit Cleo at fcho.co.uk

