

Better than their reputation

Seven myths about energy-saving lamps

Energy saving lamps ...

1. ... **take too long to reach full brightness**

This statement does not apply to Osram energy-saving lamps with patented Quick Start technology (Osram Dulux Superstar). The Quick Start function ensures that these quick starters develop twice as much light when they are switched on as normal energy-saving lamps. The German consumer association, Stiftung Warentest, tested them in January 2006 and reported that they reach their full output in a very short time.

2. ... **cannot be dimmed**

Osram will be launching the world's first infinitely dimmable energy-saving lamp in April. Other manufacturers have developed dimmable energy-saving lamps over the past few years but these are not infinitely dimmable. **It is important to remember that normal energy-saving lamps cannot be used with dimmer switches.**

3. ... **produce a cold light**

How "warm" or "cold" the light is depends on the color temperature and is measured in degrees Kelvin. Standard warm white light measures 2700 K. Osram energy-saving lamps produce this light color.

Special types with different color temperatures, from Warm White to Daylight, are also available.

Warm White = 2700 K

Cool White = 4000 K

Daylight = 6000 K

Light at 2700 K is similar to the light from an ordinary light bulb so it is ideal for use in the home. The cooler light colors are often preferred in southern European and Asian countries with a particularly warm climate.

4. ... are much more expensive than ordinary light bulbs

The purchase price of an ordinary light bulb is certainly lower than that of an energy-saving lamp but because energy-saving lamps consume far less electricity they are much cheaper in the long run. A 100 W light bulb costs a little less than one euro, whereas an energy-saving lamp of comparable brightness (20 W) costs 11.00 euros. Energy-saving lamps will burn for around 15,000 hours (or 10,000 hours or 6000 hours); ordinary light bulbs only last 1000 hours. In this case, six light bulbs would have to be purchased one after the other to provide the same service life as a single energy-saving lamp. In addition, the energy-saving lamp saves around 168.00 euros in electricity costs over its entire life. The 20 W energy-saving lamp will have paid for itself in just one year.

5. ... are all tubular and will not fit in all luminaires

Osram energy-saving lamps are available not only in the familiar short tube shape but also in bulb and candle versions. When the first energy-saving lamp was developed 22 years ago it was tubular and quite long and wide. Today, they are available in different shapes and sizes. There are even models that look just like ordinary light bulbs.

6. ...should be left on all the time rather than being frequently switched on and off

The number of times the lights are switched on and off in the home is no problem at all for Osram energy-saving lamps and will not shorten their lives. Constantly switching them on and off for hours and hours on end may shorten their lives.

7. ... flicker

Quality lamps from Osram do not flicker. The integrated electronic control gear see to this.

Press contact:

Markus Rademacher

Tel. +49 89 6213 2597

Fax +49 89 6213 3457

Email: M.Rademacher@Osram.de