

Ban on incandescent lamps – Change now!



The EU is undertaking the phased withdrawal of inefficient lamps from the market.

To combat climate change the European Union has agreed to phase out conventional light sources that are energy inefficient. According to an EU Directive, from 1st September, 2009 manufacturers and importers may no longer sell incandescent lamps with an output of 80W (950 lm) or more or which are frosted and not in Energy Class A. Clear lamps with more than 950 lm must achieve at least Energy Class C, and ones with less than 950 lm at least Energy Class E. Lamps in Energy Classes F and G will be banned from 1st September, 2009.

The clever alternatives from OSRAM.

OSRAM, the lighting professional, offers HALOGEN ENERGY SAVER lamps, OSRAM DULUX® SUPERSTAR and OSRAM DULUXSTAR® compact fluorescent lamps and PARATHOM® CLASSIC LED lamps – three innovative product groups that you can use as direct replacements for ordinary incandescent light bulbs to suit your particular needs and preferences. For details of the product groups see overleaf.

Important tips for choosing the right lamp.

1. Select the light source and light color depending on the particular application. For example, OSRAM compact fluorescent lamps in the Warm Comfort Light color or warm white PARATHOM® CLASSIC LED lamps are particularly suitable for home living areas.
2. Check you have the right wattage. Energy-saving lamps produce the same amount of light as ordinary incandescent lamps but consume far less power to do so.
3. Check the product life. The energy-saving alternatives are somewhat more expensive to buy than conventional incandescent lamps but they last much longer.



The EU ban on old incandescent lamps:

Ban on sales from
September 1
2009
Incandescent lamps
from **80W**
(950 lm) and all frosted
incandescent lamps*

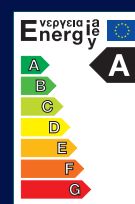
Ban on sales from
September 1
2010
Incandescent lamps
from **65W**
(725 lm)

Ban on sales from
September 1
2011
Incandescent lamps
from **45W**
(450 lm)

Ban on sales from
September 1
2012
Incandescent lamps
from **7W**
(60 lm)



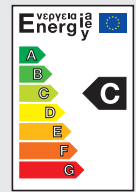
Future-proof:
OSRAM energy-saving
lamps, e.g. Mini Ball



* Except Energy Class A and highly efficient lamps in Energy Class B which may continue to be sold thanks to the correction factor.



Save up to
30 %
energy.



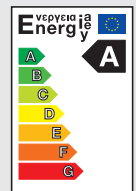
HALOGEN ENERGY SAVER – light like that of an incandescent bulb.

They look like incandescent lamps and provide excellent quality of light. However HALOGEN ENERGY SAVER lamps from OSRAM reduce energy consumption and CO₂ emissions by up to 30%¹. And they last much longer. What about the disadvantages? There are none!

- Available in familiar A, B and P bulb shapes.
- Available in different wattages from 18 to 105 W.
- Fitted with standard E14 and E27 bases for simple direct replacement.



Save up to
80 %
energy.



Compact fluorescent lamps – surprisingly versatile and impressively efficient.

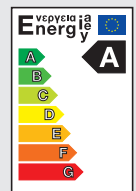
Undisputed strengths: 80 % lower energy consumption, 80 % lower CO₂ emissions and up to 15 times the lifespan.¹ Rather more surprising: the high quality of the light from OSRAM energy-saving lamps and their incredible versatility. All thanks to their E14 and E27 bases, different

shapes, light colors and wattages.

- OSRAM DULUX® INTELLIGENT
- OSRAM DULUX® SUPERSTAR
- OSRAM DULUXSTAR®



Save
80 %
energy.



LED lamps – the light of the future.

An innovation from OSRAM: advanced LED technology in the shape of a light bulb. PARATHOM® CLASSIC lamps replace incandescent lamps up to 40W and provide energy savings of at least 80%. At the same time they offer exceptional durability, with a life of around 25 years².

- Available in cold white and warm white light colors.
- At least 80 % lower energy consumption and CO₂ emissions¹.
- Instant 100 % light.
- Different classic shapes and bases.

¹ Compared with conventional incandescent lamps of similar light output
² Average life if used for about 2.7 hours a day