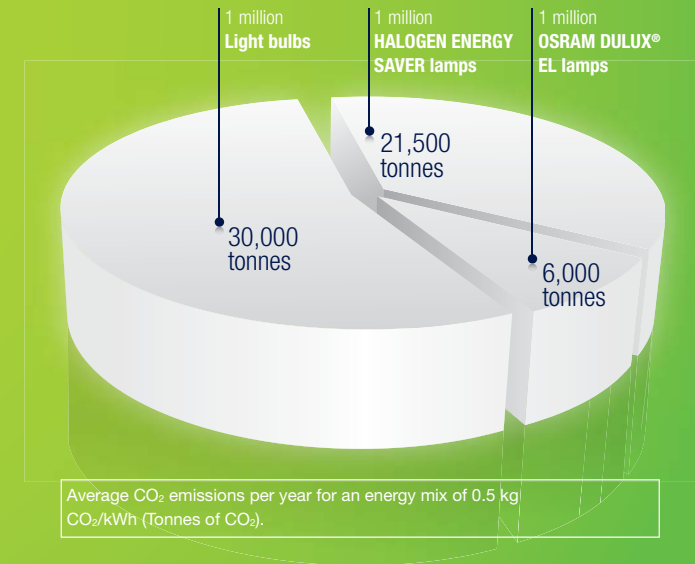
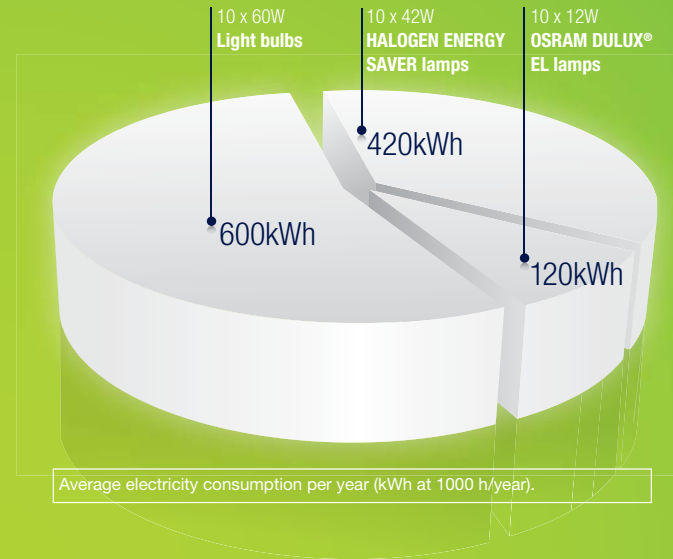


The Right way to safeguard our future

As one of the world's leading lighting manufacturers, with a global workforce of over 40,000 people, social responsibility and environmental protection are at the very heart of our business. More than just a guide on how we operate, it's a way of thinking that drives what we do. We call it "Global Care" and it touches everything: from research to product development to recycling, as well as how we interact with customers, partners and suppliers throughout the world.

The Right choice is energy efficient

Today artificial lighting accounts for 19% of global electricity consumption and therefore a considerable proportion of CO₂ emissions – one of the biggest environmental threats we face. OSRAM are tackling these challenges head on, leading the shift towards energy efficient products that can make a significant difference: energy-saving lamps, innovative lighting systems and intelligent lighting management systems.



EuP Directive on 'Non-Directional Domestic Lighting' Phase 1

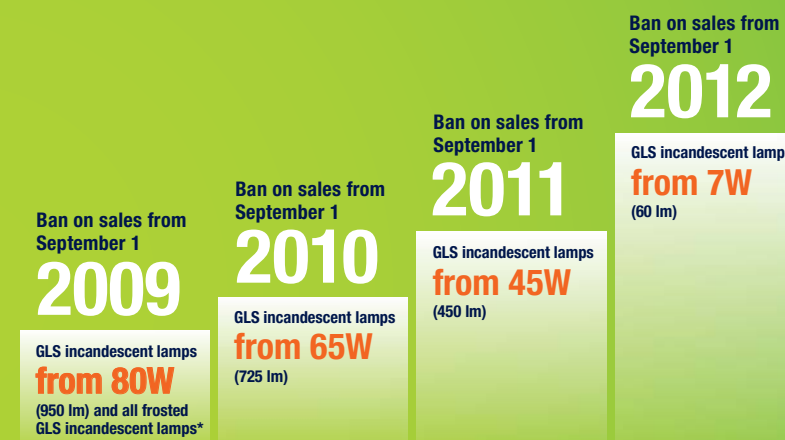
What is the purpose of the EU Directive?

- The new EU directive is part of a package of measures from the EU which aims to significantly reduce the energy consumed by electrical devices over an 8 year transitional phase starting September 2009.
- The primary aim of this directive is to protect the environment by reducing CO₂ emissions.
- **Facts:**
 - There are 3.5 billion installed light bulbs in Europe – 85% of those currently used in European households are not energy efficient.
 - Conventional bulbs waste electricity. Only 5% of the energy they consume is used to generate light!

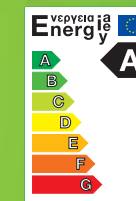
What is the actual benefit for the environment?

- Over 1/3 of the electricity used worldwide for lighting can be saved.
- These savings of over 900 billion kWh of electric power would lead to a reduction in global emissions of more than 450 million tonnes of CO₂.

The EU ban on incandescent lamps:


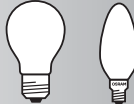




Future-proof: OSRAM energy-saving lamps, e.g. Mini Ball



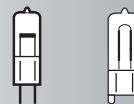



*Except Energy Class A and highly efficient lamps in Energy Class B which may continue to be sold thanks to the correction factor.

Consequences of EuP Directive: OSRAM incandescent products

	Sept 2009*	Sept 2010	Sept 2011	Sept 2012	Sept 2013	Sept 2014	Sept 2015	Sept 2016
Clear 	15W 25W 40W 60W 75W 100W	15W 25W 40W 60W 75W 100W	15W 25W 40W 60W 75W 100W	15W 25W 40W 60W 75W 100W	Ban of all clear GLS			
Non Clear 	Non clear GLS lamps to be replaced by CFLi (A)							
Directional 	15W 25W 40W 60W 75W 100W	Implementation measure on directional light sources to be decided by end 2009						
Special 	Special purpose lamps							

*All lamps with Energy Class F&G banned starting Sept. 2009

Consequences of EuP Directive: OSRAM Halogen products

	Sept 2009*	Sept 2010	Sept 2011	Sept 2012	Sept 2013	Sept 2014	Sept 2015	Sept 2016
Clear 	<60lm 60lm 450lm 725lm >950lm	<60lm 60lm 450lm 725lm >950lm	<60lm 60lm 450lm 725lm >950lm	<60lm 60lm 450lm 725lm >950lm	Ban of all clear Halogen Class D&E			Ban of Class C
Non Clear 	Non clear HALOGEN lamps to be replaced by Energy Class A products, only LED equivalent at this time							
Directional 	15W 25W 40W 60W 75W 100W	Implementation measure on directional light sources to be decided by end 2009						
Special 	Special purpose lamps							

*Except for G9/R7s = Energy Class C remains

Not affected by EuP Directive
 Affected by EuP Directive
 To be decided end of 2009
 Affected if below energy class C

Make the Right choices and save money


Watch the pennies and the pounds take care of themselves. It's an expression that's been around for years and it couldn't be more applicable today.

It's the same with energy: if we all do our little bit – individuals, companies and governments – we'll feel good, save a bit of cash and help save the planet too!

So what energy saving alternatives are there on the market?

As a leading lighting manufacturer OSRAM can offer you the broadest portfolio of energy saving alternatives in the world

Here are a few ideas to get you thinking:



Why buy "traditional" incandescent lamps? They're responsible for **40%** of all lighting electricity consumed but generate only **9%** of our artificial light.

Compared with "normal" light bulbs, OSRAM energy-saving lamps save around **80%** in energy for the same light output.

Thanks to our energy saving lamps, our customers are decreasing **CO₂ output** by a level that's greater than the yearly output of New York!