

Energy Related Products: Non Directional Household Lamps 244/2009 Implementing Measure



The Eco-design Directive

The Eco-design Directive for Energy-related Products, ErP (former EuP) establishes a framework under which manufacturers and importers of energy-related products (ErP) will, at the design stage, be obliged to increase energy efficiency and reduce products' negative environmental impacts. The ErP Directive itself does not include any requirements for specific products, it is the implementing measures (IMs) that provide the prescription for compliance for each product category.

Products affected

The IM for non-directional household lamps came into force on April 13th, 2009 and is referred to as the Commission Regulation 244/2009. Non-directional lamps, are lamps that emit light in all directions. The non-directional household lamps covered in this IM are domestic lighting products such as incandescent, CFL and LED lamps.

Different stages

There are six different stages within the IM for non-directional household lamps, which extend from September 2009 through September 2016. The purpose of the different stages is to gradually phase-out certain products that are not energy efficient. The cut-off date for the first stage's requirement is 1st September 2009, after that date, any product falling into the scope of the IM sold on the EU market has to meet the ErP directive. Simply put, if your product does not meet the IM you are not able to CE mark and sell your product in the EU.

Timeline and requirements

Included in each stage are lamp efficiency, functionality and product information requirements. As a direct consequence of the lamp efficiency requirements some products will be phased-out, please see table below:

Date	Non-clear lamps				Clear lamps							
	Requirement	Incandescent	All Halogen	CFL / LED	Requirement	Incandescent / Conventional halogen				Halogen C	Halogen B	LED ¹
						≥ 100 W	≥ 75 W	≥ 60 W	60 W >			
Today	None				None							
September 2009 ¹	A ²				C for ≥ 100W ³	≥ E ³	≥ E ³	≥ E ³				
September 2010	A ²				C for ≥ 75W ³		≥ E ³	≥ E ³				
September 2011	A ²				C for ≥ 60W ³			≥ E ³				
September 2012	A ²				C for all							
September 2013	Second level of functionality requirements ¹											
Review 2014	Review											
September 2016	A ²				B / C ⁴					4		

1 First level of functionality requirements introduced in first stage. LEDs are exempted from all functionality requirements.
 2 Refers to lamp energy label class. Correction factors apply to certain lamps, allowing them to be B-class.
 3 Minimum requirements for all lamps: E class. F and G lamps phased out.
 4 Only special cap halogen lamps are allowed to be class C.



ErP Services

The ErP Directive is an expansive environmental legislation. Our experts in environmental legislation and product compliance have untangled the ErP Directive to give clear, relevant information to manufacturers. Intertek's ErP non-directional household lamp solution is:

- **ErP Compliance Verification:** Receive full verification of the non-directional household lamp Implementing Measure and we will deliver a test report for your product's technical file and Statement of Compliance for legal CE Marking.

Intertek's other ErP solutions are:

- **ErP Training & Consulting:** Learn what your quickest and most cost-efficient compliance options are. We'll tell you if, when, and how ErP will affect your product.
- **ErP Eco Software Analysis:** Let Intertek perform an analysis of your product's Ecological profile according to the ErP directive specifications.
- **ErP Pre-Compliance Verification:** Learn how your product measures up against proposed and future ErP regulations for R&D purposes, compliance planning and to determine market readiness.

About Intertek

Intertek is a leading provider of quality and safety solutions, serving a wide range of industries around the world. From auditing and inspection, to testing, quality assurance and certification, Intertek is dedicated to adding value to customers' products and processes, supporting their success in the global marketplace. Intertek has the experience, expertise, resources and global reach to support its customers through its network of more than 1,000 laboratories and offices and over 24,000 people in more than 100 countries around the world.

The Commercial & Electrical division of Intertek provides testing and certification services, including product safety testing and certification, electromagnetic compatibility (EMC) testing, performance testing, and management systems certification.

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