The European Ecolabel for Light sources
"The official EU mark for Greener Products"

Choose the EU Ecolabel for your Light sources if you want to show your commitment to a better environment.

Once it's on your products, the EU Ecolabel guarantees

- Reduced energy consumption
- Limited use of mercury
- Limited use of substances harmful to the environment and health
- Increased quality control and durability of the product
- User instructions for environmental use

It can be awarded to all light sources which provide general purpose lighting and have single-ended, bayonet, screw, or pin fittings, or fittings at both ends (such as all linear fluorescent tubes).

◇ For a quick test, use the check list on the back

Meet your customers' demand

Consumers are today more sensitive to the protection of the environment. Four out of five European consumers would like to buy more environmentally friendly products, provided they are properly certified by an independent organisation. With the EU Ecolabel on your products you offer them a reliable guide to easily identify the good environmental performers available on the market.

Give your light sources a credible sign of environmental excellence... Apply for the EU Ecolabel!

They said it!

"As one of Europe's top brand in the field of energy-saving lamps, MEGAMAN has placed environmental protection at the top of its agenda since the company was founded. Consequently, we believe the European Eco-label can further extend our green commitment to the world. With the EU Eco-Label, customers know they are purchasing an eco-friendly product of premium quality, designed to benefit both the environment and human health."
Debbie Tam, Neonlite Electronic & Lighting

Did you know that:
2.6 billion light bulbs are sold each year in Europe.
Moreover, if only 5% of these light bulbs sold every year in Europe were EU Eco-labelled, the energy savings would lead to avoid the emissions of 6 209 800 t of CO2 per year. This is equivalent to the emissions of a car going 952 000 times round the Earth!
Sources: "the Direct and Indirect Benefits of the EU Eco-label", AEAT, 2004. Ademe, 2005.

For more information...

… on the scheme, its feature, the actors involved, the application process…
http://ec.europa.eu

... to market your eco-labelled products use our free Ecatalogue...
http://ec.europa.eu/ecat

… on the "light sources" product group: detailed criteria, date of revision…
http://ec.europa.eu/environment/ecolabel/ecolabelled_products/categories/light_bulbs_en.htm

Check-list (for a first assessment only)

This is a non exhaustive list of EU Ecolabel criteria requirements. Please see the Official criteria document for full details.

Life cycle step	Criterion	Expectations
Manufacturing (formulation)	Limitation of the use of substances harmful to the environment and health	• If any plasticizer substance in the manufacturing process is applied, it must comply with the requirements on hazardous substances • Additionally, DNOP (di-n-octyl phthalate), DINP (di-isononyl phthalate) and DIDP (di-isodecyl phthalate) should not intentionally be added to the product. • Plastic parts must not contain chlorine content greater than 50 % by weight.
Manufacturing	hazardous substances and mixtures	The product or any part of it should not contain substances referred to in Article 57 of Regulation (EC) No 1907/2006 nor substances or mixtures which may be or have been assigned certain hazard statements.
Manufacturing	Substances listed in accordance with Article 59 (1) of Regulation (EC) No 1907/2006	No derogation from the exclusion in Article 6(6) maybe given concerning substances identified as substances of very high concern, present in mixtures, in an article or in any homogenous part of a complex article in concentrations higher than 0,1 %. Specific concentration limits apply in case it is lower than 0,1 %.
Manufacturing	Packaging	• Where cardboard boxes are used, they should be made of 80 % post-consumer recycled material. • Where plastic materials are used they should be made of at least 50 % post-consumer recycled material.
Manufacturing	Colour rendering index	The colour rendering (Ra) index of the light source should be greater than 85.
Manufacturing	Colour consistency	The light source should have a Correlated Colour Temperature (CCT) spread within a 3-step MacAdam ellipse or better.
Manufacturing	Social accountability	• Fundamental principles and rights regarding working conditions must be fulfilled during the production of the Ecolabelled light source. • The licensee must ensure that the production of the light source follows the ILO conventions regarding child labour, forced labour, health and safety, discrimination, discipline, hours of work, wages, freedom of association and collective bargaining.
Use	User instructions	Specific information should come with the product: • For double-ended light sources: information on the packaging should indicate that the environmental performance of the light source is improved when it is used with high frequency electronic control equipment. • Clean-up guidelines for a broken fluorescent light source listed on the packaging. • The proper maintenance of lamps, such as cleaning, to maintain lumen output. • Turning off lights saves energy and money. *Please refer to the online criteria document for full list and details*
Use	Information appearing on the EU Ecolabel	Optional label with text box contains the following text: • 'High energy efficiency — saves money, • Long life time • Performance tested'

Use	Energy efficiency, lifetime, lumen maintenance and mercury content	Light sources must meet specific requirements :
		• Energy efficiency
		  • Single and double ended: 10% better than the lumen per watt value according to Class A
		• Life time (hours)
		  • Single ended: 15 000
		  • Double ended: 20 000
		• Mercury (mg)
		  • < 1.5
		  • < 3.0
		Please refer to the online criteria document for full list and details

Use	Switch on/off	• For compact fluorescent lamps (CFLs) and LEDs, the number of switch on/off cycles that the light source can withstand before premature failure should be greater than the lamp life time expressed in hours. • For lamps claiming to withstand frequent switching, this number should be higher than 60 000 switch on/off cycles.