

SLR AND ELR: NEW RULES FOR THE LIGHT OF THE FUTURE

The EU has taken the next major step toward efficient and climate-friendly lighting – and defined new regulations for the sustainability of light sources and the labeling of their energy efficiency.

- Ecodesign Regulation 2019/2020 = Single Lighting Regulation (SLR)
- Energy Label Regulation 2019/2015 = Energy Labeling Regulation (ELR)

Also new: the EPREL product database which contains all the relevant information on the affected light sources. EPREL is also used for generating the new energy labels.

HOW LEDVANCE WILL HELP YOU WITH YOUR PROJECTS

Good news for you: LEDVANCE always makes sure that you comply with the new regulations, that you can provide reliable advice to your customers and that your lighting projects are future-proof and in line with EU regulations. This is how we will help and advise you:



By providing energy-efficient LED replacements for the affected products in good time



By reliably implementing all obligations for labeling and information – for example on packaging, on product data sheets and in operating instructions



By providing clear and comprehensive information so that you can be compliant, both technically and legally

You ask the questions – we have the answers

Would you like more information on SLR/ELR or have questions about specific light sources? The experts in our technical team are happy to advise you. You can reach our team by email at technik@ledvance.com or by phone at +49 89 780673-680. You can also find more information in our brochure on the new EU regulations (download from [ledvance.com/services](https://www.ledvance.com/services)).

ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from OSRAM's general lighting business, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications. The company also offers lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps, traditional light sources, an LED Strip System and light management systems.

Subject to change without notice. Errors and omission excepted.



LEDVANCE

LEDVANCE.COM



LEDVANCE

LEDVANCE GmbH
Parkring 29–33
85748 Garching
Germany
LEDVANCE.DE

LEDVANCE GmbH
Leonard-Bernstein-Str. 10
1220 Vienna
Austria
LEDVANCE.AT

04/2021 LEDVANCE EU-W MK TRA

Partner:



GET READY FOR CLIMATE-FRIENDLY LIGHT WITH LEDVANCE

THE NEW EU ECODESIGN
AND ENERGY LABEL
REGULATIONS 2021

SLR/ELR: Key information
at a glance

LEDVANCE is licensee of product trademark
OSRAM for lamps products in general lighting.



LEDVANCE is licensee of product trademark
OSRAM for lamps products in general lighting.



LEDVANCE.COM

WHICH PRODUCTS ARE AFFECTED?

LIGHT SOURCES INSTEAD OF LAMPS AND LUMINAIRES

New: a distinction between “light sources” and “containing products”.

LIGHT SOURCES

“Light sources” are electrically operated products that emit light*. These include all traditional and LED lamps for general lighting – but also fully integrated luminaires from which light sources cannot be removed using commonly available tools without permanent damage. The new EU SLR/ELR regulations apply only to light sources.



CONTAINING PRODUCTS

“Containing products” include luminaires and other equipment that allow the light source to be removed using commonly available tools without permanent damage. Most luminaires have therefore not had to carry a label since December 25, 2019.

Good to know: LEDVANCE luminaires are generally “containing products”.

The energy efficiency of light sources is now calculated on a new basis. This results in the following:

- Further phase-out of a number of low-efficiency lamps
- Classification of light sources within the scale of the new energy label

* A large number of signaling and control lamps as well as very powerful lighting products (e.g. for outdoor, sports, theater or industrial lighting) are excluded from the EU regulations.

WHAT IS HAPPENING WHEN?

KEY DATES

SEPT 1, 2021

Phase-out I (see p. 4)

Energy label: start of the transition phase (the old labels are now allowed only for products that were placed on the market before this date.)

MARCH 1, 2023

Energy label: end of the transition phase (from this date only the new label is allowed.)

SEPT 1, 2023

Phase-out II (see p. 4)

From May 1, 2021 manufacturers have to register their light sources in the EPREL database and enter the required product data. LEDVANCE has already stored all the relevant products there. The phase-outs and introduction of the new energy label will then happen next.

New layout of criteria

The energy efficiency classes will be renamed and rescaled: A++ to E becomes A to G.

NEW: a product specific QR code

The highest energy efficiency class was previously A++. Light sources in this class now fall into the new C to F classes. However, this does not mean they have been downgraded. The products are only being reclassified on a different calculation basis.

¹ Products that are already on the market may still be sold after this date, but may not be placed on the market again.
² Suitable for the light point, differing lighting performance. Limitations: maximum luminous flux, general thermal requirements, dimensions of the replacement lamp.

WHICH LAMPS WILL BE PHASED OUT?

LEDVANCE PROVIDES REPLACEMENTS IN GOOD TIME

Under the new EU regulations, some lamps may no longer be placed on the market from certain dates (phase-out). LEDVANCE ensures that you have suitable and high-quality LED replacements in good time.

See product lists including replacement products at [ledvance.com/services](https://www.ledvance.com/services)

PRODUCTS AFFECTED		BANNED FROM ¹	LED REPLACEMENT PRODUCTS
Compact fluorescent lamps CFLi – E27, E14 etc. with integrated control gear		SEPT 1, 2021	
High-voltage halogen lamps* R7s > 2700 lm corresponds to approx. 140 W		SEPT 1, 2021	
Low-voltage halogen lamps GU4, GU5.3, G53 with reflector >10° beam angle		SEPT 1, 2021	
Linear fluorescent lamps T12 and T2		SEPT 1, 2021	
Linear fluorescent lamps T8, 600 mm, 1 200 mm, 1 500 mm		SEPT 1, 2023	
Halogen PINs G4, GY6.35, G9		SEPT 1, 2023	