



# THE COUNTDOWN IS ON!

The new 2021 EU  
Ecodesign and Energy  
Label Regulation

# ALL YOU NEED TO KNOW ABOUT THE NEW SLR AND ELR!

LEDVANCE is a licensee of the OSRAM  
brand for general lighting lamps.



# NEW RULES, TRUSTED PARTNER

THE NEW SINGLE LIGHTING (SLR) AND ENERGY LABEL (ELR) REGULATIONS –  
LEDVANCE EXPLAINS WHAT'S NEW.



Some fundamental changes are coming to the lighting market in 2021. These changes are being triggered by the new EU 2019/2020 Single Lighting Regulation (SLR) and the new EU 2019/2015 Energy Label Regulation (ELR)\*. The aim is to protect the environment, boost consumer protection and improve the sustainability of products.

The regulations no longer distinguish between modules, lamps and luminaires. Instead, they refer only to light sources. Energy efficiency, for example, will therefore be evaluated only for the light source. Relevant product characteristics will be documented in the EPREL database (European Product Database for Energy Labeling). Based on the energy efficiency achieved, each light source will be given a new classification and a new label between A and G. In addition, some products will no longer be permitted to be placed on the market in the EU.

\*And relevant supplements from December 2020

## DEFINITION OF A LIGHT SOURCE

A light source is an electrically operated product that emits white light. This may be a lamp, a module or a luminaire with fully integrated components. Luminaires may be a light source (fully integrated luminaire) or may contain one or more light sources (containing product).

## THE NEW SLR/ELR – THE MOST IMPORTANT CHANGES



All light sources will be evaluated in accordance with the regulations.



Packaging and graphics will be adapted slightly.



All light sources will be included in the EU-wide EPREL database.



There will be a new energy efficiency label with a new scale. A++ to E will become A to G.



Existing products may be sold without reclassification until March 2023.



## WHICH LIGHT SOURCES ARE AFFECTED BY THE NEW REGULATIONS?

### LIGHT SOURCES = LIGHT EMITTING DEVICES OR FULLY INTEGRATED LUMINAIRES



SLR entered into force in December 2019. It will apply from September 1, 2021.



All light sources placed on the market from September 1, 2021 will require a new energy efficiency label in accordance with the regulation.



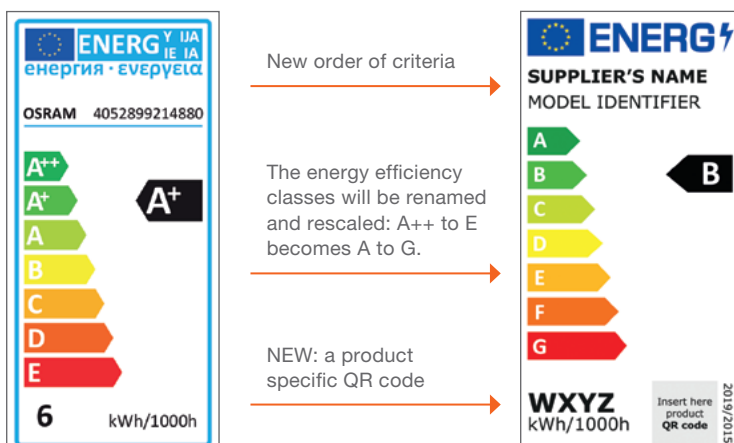
Transition period of 18 months. Light sources that have been placed on the market by August 31, 2021 may be sold with their old labels until March 1, 2023. From March 2023, these products must be relabeled.

### PRODUCTS NOT AFFECTED

- Emergency lighting
- Battery-powered light sources
- Original artwork
- Lighting for military and transport equipment and vehicles
- Screens and displays
- Medical equipment
- Marine equipment
- A few specialty or niche products
- Luminaires with replaceable light sources

# COMPREHENSIVE LABELING

FROM A TO G: THE NEW ENERGY EFFICIENCY LABEL WILL RECLASSIFY LIGHT SOURCES FROM FALL 2021. LEDVANCE PRODUCTS ARE ALREADY INCLUDED IN THE EPREL DATABASE.



In accordance with EU Regulation ELR 2019/2015, all light sources must be listed in the EPREL database (European Product Database for Energy Labeling) from September 1, 2021 where they will be assessed and relabeled on the basis of ecological and sustainable aspects, among other things. All light sources will therefore be reclassified. The QR code links to further information including the manufacturer's product data stored in the EPREL database.

LEDVANCE guarantees full registration of its products.

# WE'VE GOT ALTERNATIVES

## LEDVANCE CAN OFFER YOU DIRECT REPLACEMENTS FOR ALL PRODUCTS AFFECTED

Products that do not achieve the minimum efficiency required by SLR may no longer be manufactured or sold from certain dates. LEDVANCE defined all the affected products early on and developed suitable alternatives. There will also be a transition period which regulates the listed products' end of production and sale. For the time after that, LEDVANCE can offer you products for direct replacement. The good news is that there's a solution waiting for you before the matter turns into a problem.

### PHASEOUT AND LEDVANCE REPLACEMENT PRODUCTS

PRODUCTS AFFECTED		BANNED FROM <sup>1</sup>	LED REPLACEMENT PRODUCTS
<b>COMPACT FLUORESCENT LAMPS</b> CFLi – E27, E14 etc. with integrated control gear		SEPT 1, 2021	
<b>HIGH-VOLTAGE HALOGEN LAMPS<sup>2</sup></b> R7s > 2,700 lm corresponds to approx. 140W		SEPT 1, 2021	
<b>LOW-VOLTAGE HALOGEN LAMPS</b> GU4, GU5.3, G53 with reflector >10° beam angle		SEPT 1, 2021	
<b>LINEAR FLUORESCENT LAMPS</b> T12 and T2		SEPT 1, 2021	
<b>LINEAR FLUORESCENT LAMPS</b> T8 600 mm, 1,200 mm, 1,500 mm		SEPT 1, 2023	
<b>HALOGEN PINS</b> G4, GY6.35, G9		SEPT 1, 2023	

<sup>1</sup> Products that are already on the market may still be sold after this date, but may not be placed on the market again

<sup>2</sup> Suitable for the light point, deviating photometric performance

#### 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](mailto:technik@ledvance.com) or by phone at +49 89 780673-680.





# PARTNERING YOU TO SUCCESS

NEW SLR/ELR: THANKS TO LEDVANCE'S PRODUCTS, INFORMATION AND SERVICES YOU ARE ALWAYS ON THE SAFE SIDE.

Regulations such as SLR/ELR are a challenge for wholesalers, installers and project planners. That's when having a reliable partner at your side is a real bonus. A partner like LEDVANCE. We will help you negotiate this jungle of guidelines. Our products meet at least the current and future legal requirements. With our broad product range and wealth of experience, we accompany you every step of the way.

We offer efficient lamp replacements as well as a great selection of luminaires and electronic components, acting as an inspiration for successful businesses.



## YOUR LEDVANCE BENEFITS AT A GLANCE:



We will continue to offer you lamps and components from the leading OSRAM brand.



We provide many customized solutions involving LED luminaires, lamps and components. We use innovative lighting technologies and systems to constantly improve and expand our product portfolio.



LEDVANCE will handle all data management for its products regarding SLR/ELR.



All LEDVANCE products are EPREL-registered and labeled with all the relevant information.



LEDVANCE is committed to a circular economy and sustainable products.



## 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 division, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications, intelligent lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps, as well as traditional light sources.



# LEDVANCE

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LEDVANCE is the expert partner for installers and lighting professionals. To match our extensive range of luminaires we also offer a large portfolio of innovative LED lamps in excellent brand quality. Further information about our range of lamps and services is available online at [www.ledvance.com](http://www.ledvance.com)

With our mobile apps and online tools you can calculate potential savings for your next LED project in no time at all, find a matching lamp or luminaire, and scroll through the latest catalogs: [www.ledvance.com/tools](http://www.ledvance.com/tools)

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