

Stay on top of regulations



This leaflet gives you a handy summary of the latest lighting regulations. Plus: all the info you need to easily switch from fluorescent to energy efficient LED lighting. Which not only means you'll comply with regulations, but also saves a whole lot of energy!

- Released in February 2022, the **RoHS** (Reduction of Hazardous Substances) directive restricts the use of certain hazardous substances in electrical and electronic equipment, such as the use of mercury in lighting products. The directive included exemptions for a series of products that have now been revised – with great impact on fluorescent lighting products.
- The **SLR** (Single Lighting Regulation, also known as Ecodesign Regulation; in place since October 2021) additionally phases out products that fail to meet efficiency requirements.
- The **Energy Labelling Regulation** (in place since October 2021) introduced a new consumer-friendly energy label to empower end users to choose energy efficient products.

Together all regulations help protect the environment and public health by enforcing climate-friendly sustainable lighting.

Main consequences of RoHS

For general lighting purposes:

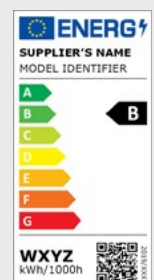
- A ban on T5 and T8 fluorescent lamps from August 24, 2023
- A ban on CFLni lamps from February 24, 2023

Main consequences of SLR

- A series of products already phased out by October 1, 2021
- Upcoming: ban of halogen caps from September 1, 2023
- Upcoming: ban of T8 fluorescent lamps (600 mm, 1200 mm, 1500 mm)*

Consequences of the Energy Labelling Regulation






















- The energy efficiency classes have been renamed and rescaled: from 'A++ to E' to 'A to G' (e.g. a product that had an 'A++' rating before is now class 'E').
- This does not mean the products have been downgraded, they are only being reclassified on a different calculation basis.



*Affected by SLR and RoHS, RoHS leading by ban date




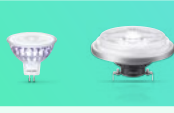













Switching to LED made easy

Use these overviews to see which lamps are affected by the regulations, when they will phase out, and which Philips LED lamps and luminaires offer hassle-free replacement.

Products affected by RoHS	Phase out*		Philips LED alternatives	RoHS exemptions prolonged	
	24.02.2023	24.08.2023		24.02.2025	24.02.2027
Fluorescent lamps portfolio					
 Compact fluorescent lamps non-integrated PL-C, PL-S, PL-T, PL-L, PL-R, PL-Q					
 Compact fluorescent lamps non-integrated – long life PL-C, PL-T, PL-L Xtra					
 Linear fluorescent lamps T8					
 Linear fluorescent lamps T5					
 Linear fluorescent lamps – long life T8 Xtreme, T5 Xtra					
 Continued: Non-linear fluorescent lamps TL-E Circular (T9), TL-D U					
 Continued: Linear fluorescent lamps for food display/industry Master TL-D food, TL5 Secura					
 Continued: Linear fluorescent lamps for emergency application					
 Continued: Linear fluorescent lamps for explosive environment/public transport**: TL-X XL, TLD 36W 1m					
HID lamps and special lighting portfolio					
 Continued: HPS (SON)					
 Continued: Metal Halide lamps (Quartz MH/Ceramic MH)					
 Continued: CDM lamps					
 Continued: MSA, MSR Lamps for Entertainment					
 Continued: HPS Lamp for Horticulture					
 Continued: TL-D colored for Entertainment, UHP Lamp for Entertainment (MSD platinum lamps) and Printing					
 Continued: UHP lamp for Projection					
 Continued: UV – A , B , C lamps (including TL-D Blacklight Blue)					

* Products already placed on the market may still be sold after these dates, but they may no longer be placed on the market

** Not affected by RoHS

Products affected by SLR (Ecodesign regulation)	Phase out*			Philips LED alternatives
	01.10.2021	24.08.2023 by RoHS	01.09.2023	
Other conventional lamps				
	Compact fluorescent lamps CFLi (E14, E27 etc) with integrated ballast			
	Low voltage halogen lamps MR16/11 & AR111			
	High voltage halogen lamps R7s >2700 lm			
	Continued: R7s <2700 lm			
	GLS T22/T25 lamps (E.g. for use in refrigerators, sewing machines)			
	Continued: Oven lamps			
	Halogen caps G9 / G4 / GY6.35			
	Continued: Oven lamps			
	Linear fluorescent lamps T12			
	Linear fluorescent lamps T8**			
	Continued: Heat IR Lamps (Red & Clear) – GLS PAR38 and R/BR types			
	Continued: Deco Night light – T17/T25 (<60 lm)			
	Continued: GLS Trains/Boats ELV 40/60W			

Be prepared – with Philips LED solutions offered by Signify

- The wide portfolio of future-proof, easy to install and outstanding quality Philips LED lamps and luminaires makes the transition to LED as easy as possible in every application.
- Highest standard LED technology offers many benefits – from drastically reduced energy costs and a longer lifetime, to even more advantages when integrated into a smart lighting system like Interact Pro.

* Products already placed on the market may still be sold after these dates, but they may no longer be placed on the market

** T8 portfolio (600 mm, 1200 mm, 1500 mm) affected by SLR and RoHS, and RoHS leading by ban date (24.08.2023)

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