



Information letter

Subject: The end of conventional light sources

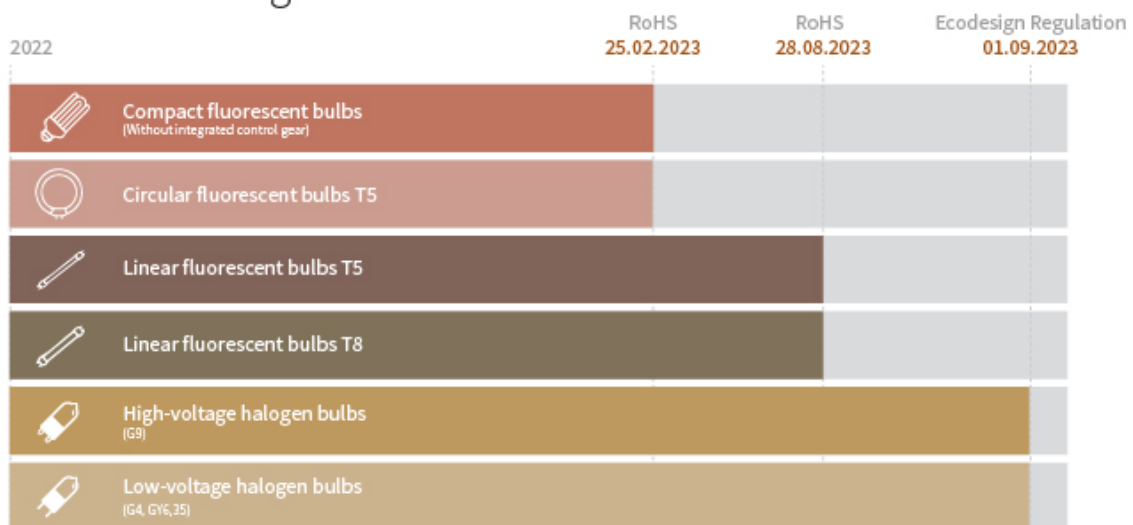
Dear customer, dear partner,

We are writing to inform you that EU legislation on RoHS (2011/65/EU) and ecodesign (2019/2020/EU) means that conventional lamps will be phased out in 2023.

This step is intended to counteract the high environmental impact, environmental damage and the massive reduction in natural resources through sustainable solutions. For emergency lighting lamps ≤ 15 mg mercury per lamp, the deadline has been extended to 24 February 2027 in accordance with ANNEX III of the RoHS Directive 2011/65/EU. However, it makes sense to start thinking about retrofitting now.

The following graphic shows a detailed list of the bans on the respective light sources on the European market.

The end of conventional light sources



Although existing products may still be used and stocks used up after the deadlines stated, it is prohibited to place conventional light sources on the market in the EU after these dates. Current feedback from light source suppliers (e.g. electrical wholesalers) reports that only small residual quantities of the affected light sources are still in stock.

Relevant details must be observed in connection with the alternative solutions available on the market and the retrofitting or refurbishment of existing emergency luminaires. The ZVEI - Association of the Electrical and Digital Industry in its information document "[Umrüsten von Leuchten](#)" under point 3.1 recommends contacting the manufacturer of the emergency lighting components.



Emergency luminaires are subject to strict testing and manufacturer regulations, which must be complied with. The following is an extract of the most important regulations:

- OVE EN IEC 60598-1: Luminaires – Teil 1: General requirements and tests
- OVE EN IEC 60598-2-22: Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting
- OVE EN 61347-1: Lamp controlgear – Part 1: General and safety requirements
- ÖNORM EN 1838: Lighting applications – Emergency lighting
- ÖNORM EN ISO 7010: Graphical symbols – Safety colours and safety signs – Registered safety signs
- Compliance with the requirements of the RED Radio Equipment Directive, Low Voltage Directive, EMC Directive and RoHS
- Compliance with special requirements and manufacturer's instructions

The test regulations and the manufacturer's specifications result in the following specific list of requirements that must be observed in the course of retrofitting.

1. All emergency lighting-relevant and product-specific regulations must be complied with.
2. The emergency lighting function must remain unrestricted.
3. All electronic components and the light sources used must be technically compatible.
4. The switching times and all technical lighting requirements must be complied with in accordance with ÖNORM EN 1838. Special attention must be paid here to the modified beam characteristics, glare and the standard-compliant illumination of pictograms, escape routes, anti-panic areas and workplaces with special hazards!
5. The load on the energy sources (e.g. batteries) must not be increased inadmissibly.
6. Automatic test systems must not be impaired in their function.
7. Retrofit lamps fulfil the safety requirements of explosion protection in very few cases, which means that their use is only permitted with the consent of the luminaire manufacturer.
8. The surface temperatures of emergency luminaires with D or FF markings must not increase unacceptably as a result of retrofitting.

An additional relevant note is that in most cases the conversion results in a significant change compared to the original state, whereby the person/company carrying out the conversion becomes the manufacturer of the new luminaire design and thus assumes all responsibility and liability for the functionality of the new product and subsequently the safety-related equipment. The change also results in the loss of CE conformity. The company carrying out the modification must carry out a new conformity assessment on the basis of the relevant regulations, issue a new declaration of conformity and carry out CE labelling on this basis.

As a safe, regulation-compliant emergency lighting solution and the long-term satisfaction of our customers are very important to us, we recommend that you get in touch with your personal din contact person and also refer you to our certified [LED replacement inserts | din-Sicherheitstechnik \(din-notlicht.com\)](http://din-Sicherheitstechnik(din-notlicht.com)).

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Linz on 26.08.2024