

CLEAR ORIENTATION: CONVERSION TO LED LAMPS WITHOUT NEW CE MARKING



There is clarity at last when it comes to converting existing luminaires to LED technology. In a new white paper, the Central Association of the Electrical Engineering and Electronics Industry (ZVEI) defines clear criteria, according to which the existing CE marking remains valid when modernizing luminaires to LED technology.



A PERFECT SOLUTION

The basis is the **EU Blue Guide (2022)** and its definition of “significant changes of products”. If **no significant changes are made to the performance, application or construction** when converting an existing luminaire with old lighting technology to LED technology, no new product will be created. The electrician making the conversion will therefore not become a manufacturer and a new CE declaration of conformity will not be required. Along with the 1:1 retrofit solution, this makes it very easy to convert existing luminaires to efficient LED lamps cost-effectively.

KEEP THE HOUSING

Following the lamp ban in 2023, most of the industry has recommended either a simple 1:1 retrofit solution (if technically possible) or a completely new LED luminaire when switching to LED technology. But there are other options for keeping existing lighting solutions and any associated components such as light management systems or ventilation systems in operation and reducing electrical waste: conversion to LED lamps or complete LED upgrade kits that replace entire components of the original luminaire. The ZVEI white paper says that both solutions are possible without a new CE declaration of conformity.

The ZVEI provides guidance: if no significant changes are made in line with the EU Blue Guide (2022), it is not a new product and the person converting the product will not become a manufacturer.

Read all the details here: www.zvei.org

CLEAR RULES, USEFUL SOLUTIONS

CONVERSIONS MADE EASY

The guidelines from the white paper will make it even easier for you to convert to efficient LED lamps cost-effectively. LEDVANCE offers a comprehensive portfolio of solutions to help you make the switch and is always available to answer any questions you may have.

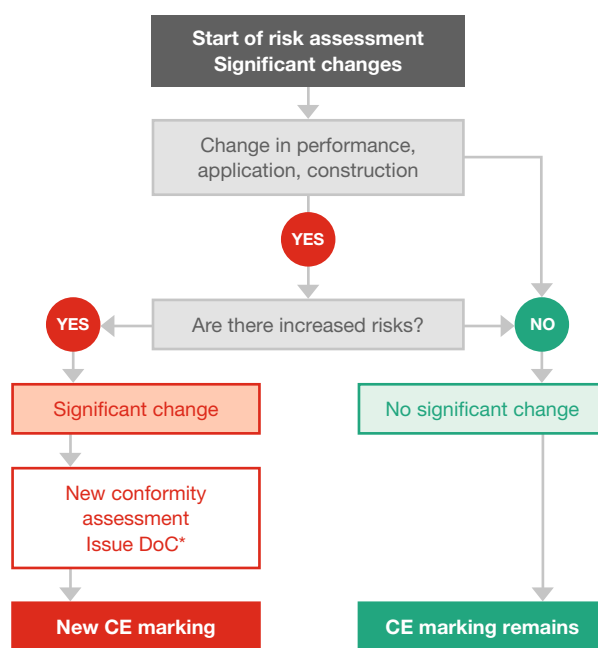


STEP 1: SUITABILITY OF THE EXISTING LUMINAIRE

To convert an existing luminaire or lighting system to LED lamps, it is necessary to assess the condition of the luminaire to determine whether existing housings and components are suitable.

STEP 2: RISK ASSESSMENT

If during rewiring of the LED luminaire no significant changes are made to the performance, application or construction, the existing CE marking of the luminaire remains valid and a new CE declaration of conformity is not required.



*Declaration of Conformity

EVERYTHING FROM A SINGLE SOURCE

4 SOLUTIONS FROM LEDVANCE

SOLUTIONS WITH LED LAMPS



Simple 1:1 replacement
on CCG or retrofit ECG



Conversion on AC mains
or LED TUBE External
System consisting of T5/T8
LED tube and external
DALI-2 driver

SOLUTIONS WITH LED LUMINAIRES



Upgrade using LED
upgrade kits that replace
entire components of the
original luminaire



Large range of
innovative LED luminaires
for **new installation**

NOT SURE WHAT TO CHOOSE?

LEDVANCE takes care of tailor-made calculations and offers you a customized solution for your lighting requirements – all from a single source.

Please get in touch.

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Find an alternative LED lamp
solution for your traditional
lamp with the Lamp Finder:
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