

HOW TO RECOGNIZE AN ENERGY-EFFICIENT LED BULB?

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THERE ARE SEVERAL DIFFERENCES...



These energy classes are **recommended as EFFICIENT**.

A

Energy classes marked in gray **are not yet on the market**.

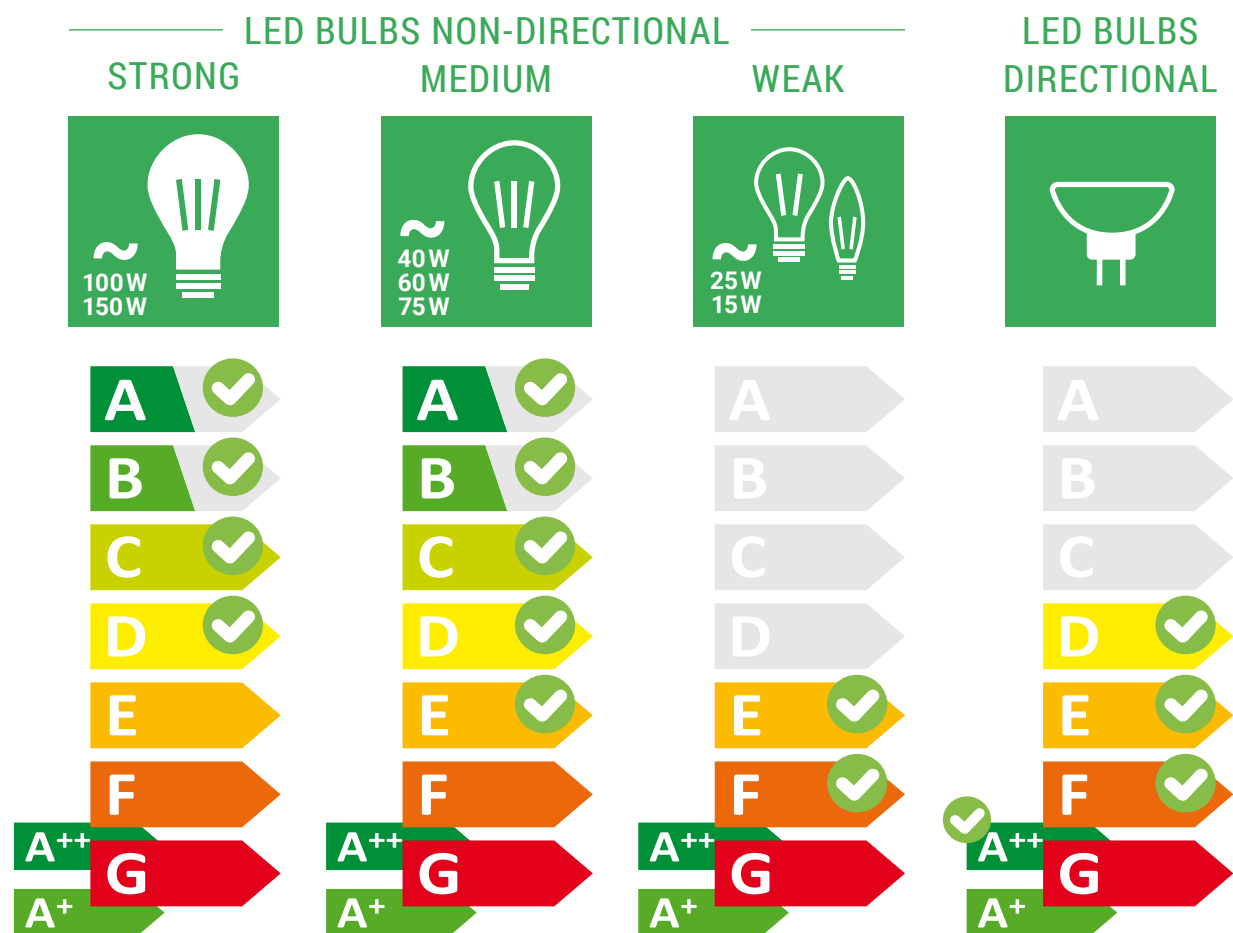
A

These classes are represented in the market so far only to a **limited extent**.

A++

A+

Since September 2021, light sources have new energy classes with A–G scale. Light sources with **old labels A+ and A++** are sold only until March 2023. The old and new classes are not comparable. Except directional A++ LED bulbs, all old classes **are already inefficient**.



OUR MINIMAL RECOMMENDATION



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+ LED benefits

instant start

high efficiency

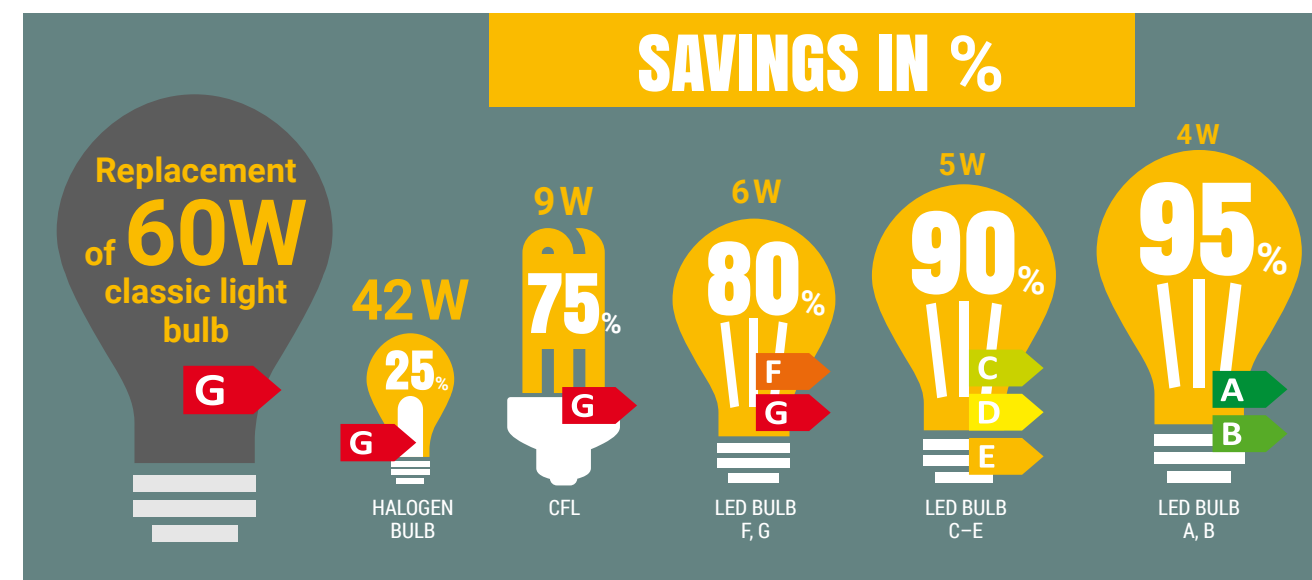
long life span

easy classic bulb replacement

Selection recommendation:

- ✓ life span min. 15,000 h
- ✓ switching cycles min. 15,000
- ✓ warm white light (2,700K)
- ✓ good color rendering (CRI ≥ 80)
- ✓ transparent bulb

SAVINGS IN %



The most energy efficient LED bulbs save up to 95% of energy compared to an incandescent light bulb. Halogen bulbs and compact fluorescent lamps (CFL) are usually no longer available due to low efficiency.

What is the luminous flux of replacement LED bulbs?

Incandescent (classic) bulb	15 W	25 W	40 W	60 W	75 W	100 W	150 W
Luminous flux (in lumens)	136	249	470	806	1 055	1 521	2 452



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