Our LED lifetime indications

When selecting the right LED lighting, lifetime specifications are crucial. However, besides considering the luminous flux decrease of LED chips over a period of time, it is also important to verify the lifetime of all other related luminaire components as well.

Important data for your lighting design with our LED products

The **rated lifetime** indicates the conditions under which the specified system lifetime applies and **primarily refers to the LED chips.**

Lxx [%] / Byy [%] @Ta [°C]	L value = Ø Lumen maintenance of LED in % when lifetime is reached B value = % of LED below the L value Ta value = Ambient temperature

The **system lifetime** indicates the **lifetime of the complete luminaire** (in hours) under the mentioned conditions and also includes all other luminaire components.

x.000 [h]	The number of hours refers to the complete luminaire including a driver and all other temperature sensitive components.

All factors can individually influence strong changes in LED lifetime. For your individual requirements in lighting planning we recommend to always ask for these key data when comparing different luminaires. This way you can make sure to find your individual solution.

Our tip

- If no ambient temperature is given for the stated lifetime, it always refers to @Ta +25 °C.
- If you only find one figure on the LED lifetime and nothing else, the following always applies: L70/B50 bei @Ta +25 °C.

In case of questions and for further consultation we gladly assist you anytime.

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