

## **LEDs in lamps – however, they're aging**

Service against faults and early degradation of LEDs

**Long life of LEDs in general lighting of every kind is promised by LED-manufacturers. However this is only fulfilled if high-level LEDs are used and strict rules are applied in production and in operating mode.**

With its long-time experience in the field of failure analysis, RoodMicrotec gained broad knowledge in conditions for LED lamps shining consistently and robust even after many years.

RoodMicrotec provides customers with efficient one-stop support starting from selection and measurement of LED devices and complete LED lamps, further consultancy in mounting technology up to examinations of aging behaviour and mechanisms.

The LED test experts offer an extensive spectrum of test possibilities to measure the various LED parameters and to test the reliability of the products.

These are among others:

- Qualification
- Life time tests
- Examinations in the physical failure analysis lab
- Classification for eye safety
- Selection

The RoodMicrotec labs are accredited according DIN ISO/ IEC17025. Examinations for different applications besides general lighting are automotive, industry electronics and avionics.

# Press



Picture: RoodMicrotec  
[www.roodmicrotec.com](http://www.roodmicrotec.com)

LED measure desk for measurement of the various LED parameters

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