

## STATE OF THE ART LED TECHNOLOGY IN AUER BEACONS

AUER meets with the trend for LED products to be seen in the past few years and has significantly enlarged its range of LED beacons.

Due to the main advantages of LEDs

- ▶ not sensitive against vibrations, shocks etc
- ▶ low nominal current resp. low energy consumption
- ▶ extremely long lifetime (up to 100.000 h)
- ▶ absolutely maintenance free
- ▶ instant light when switching on
- ▶ low heat during operation

more and more LED-applications are requested.



AUER offers a range of innovative products using LED-technology

- ▶ **LED-Signal towers** modular or compact
- ▶ **LED-Steady-/Flashing beacons**
- ▶ **LED-Strobe-/Double strobe beacons**
- ▶ **LED-Multicolour beacons**
- ▶ **LED-bulbs**



AUER LED-products not only qualify because of their brightness and variability in their configuration but offer above all a **very attractive price/performance ratio** which allows a fast amortization and investment into LED technology.



The LED bulbs have also been modified with new state-of-the-art led technology and offer improves brightness ideal for use in signal towers and other visual signalling equipment.

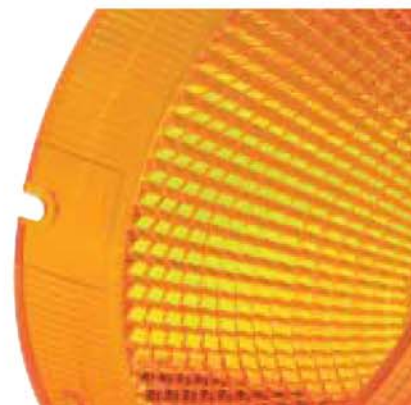
When developing the AUER 90mm "N-Series" LED beacons particularly optically designed lenses were used in combination with high power leds for maximum light output and signalling effect.

The lifetime of LEDs is very high and is in general more than 100.000 h (equal to a constant light time of approx. 11 1/2 years).

After that time the LED does not fail completely, just the light current underpasses a certain value (e.g. 50%). In reality the lifetime however depends very much on the conditions of the individual application (temperature, etc.).

A poorly positioned LED light source can result in drastically reduced lifetime.

The peripheric circuit plays a significant role in the lifetime analyses.



Due to the lack of bulb changes and service measures LED bulbs resp. LED products are already today the most economic solutions for visual signalling products.



Your partner for **standard and customized solutions of LED products with best possible price/performance ratio.**