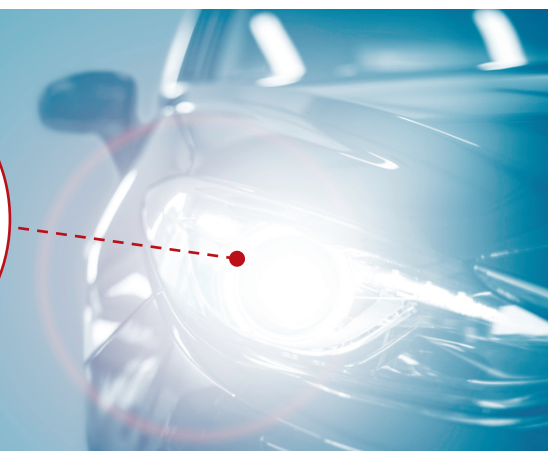
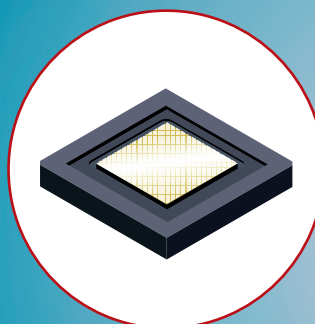


2D Measurement of μ AFS

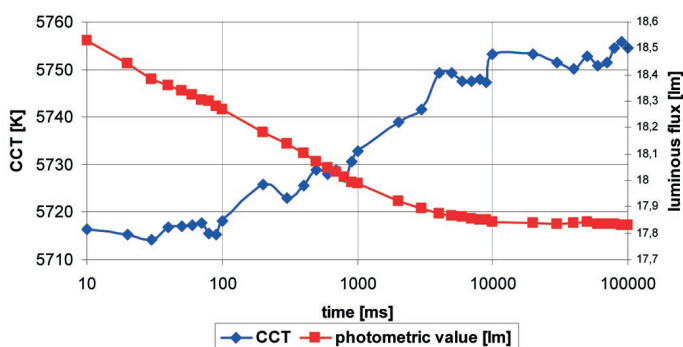
Adaptive Front Lighting System



\\ CHALLENGES

1. Temperature dependency

The major challenge for high-power LED measurement is LED self-heating when powered on. The resulting heat causes a drop in output and results in a color shift.



Exemplary drift of brightness (red) and color temperature (blue) of a white LED after turning on

2. High accuracy at high measurement speed

2D spectrally enhanced one-shot measurement solution is required.

\\ 2D MEASUREMENT SOLUTION

LumiTop system for μ LED array measurement

- » LumiTop 4000 with 12-megapixel camera and a 100 mm lens
- » Field of View: 10 x 14 mm
- » LumiTop system solves the heating-up problem by measuring all color channels in a single shot
- » Absolute system calibration: Instrument Systems is an ISO 17025-accredited testing lab – the accuracy of each system is verified before shipment



LumiTop 2D measurement system

**Large global customer base,
worldwide service!**