



Dear Sir or Madam

Autumn time is exhibition time - also for Instrument Systems. We look forward to your visit at **ISAL/Darmstadt, LpS/Bregenz, LIDAR/USA or Vehicle Display/USA** and kindly ask you to make an appointment at sales@instrumentsystems.com

[All trade fairs at a glance >>](#)

Your Instrument Systems Team

\\ HIGHLIGHTS AT A GLANCE

- ▲ New LumiCam B Generation
- ▲ Meet us at the next trade fairs
- ▲ Practical Training: "Moderne Licht- und Displaymesstechnik"
- ▲ Subpixel measurement for OLED and μ -LED displays in production lines

\\ 2D IMAGING COLORIMETER FOR AUTOMOTIVE APPLICATIONS

New LumiCam B Generation

The LumiCam B generation impresses with **motorized objective lenses and apertures** for increased usability, flexibility, accuracy and measurement speed. In addition, the LumiCam B generation captures luminance and color distributions of automotive interior displays up to **30 % faster** than its predecessor generation and has a ca. **20 % smaller** footprint. New software features such as **polylines** and **Sticking Image** are part of the LumiCam software. Have a look at the first LumiCam B model and visit Instrument Systems at ISAL in Darmstadt or Konica Minolta Sensing at Vehicle Display table #65.

Contact us for more information:
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Improved Usability
Motorized Objective Lenses and Apertures

Faster Measurements
Up to 30 % faster

Compact Housing
Ca. 20 % shorter
Removable Handle

Larger Objective Lens Variety



Meet us at the next trade fairs

ISAL Symposium, Darmstadt

23-25 September 2019, Booth 6

Complete systems for Automotive Exterior Lighting (Optronik Line) and Automotive Interior Display Testing

SID Vehicle Displays, Detroit

24-25 September 2019, Booth 65 Konica Minolta Sensing

Preview: New LumiCam B Generation for fast and software controlled Luminance and Color Measurements

Lecture: "End-Of-Line Testing of Recent Display Quality Standards", Dr. Silke R. Kirchner

LpS Symposium+Expo, Bregenz

24-26 September 2019, Booth A13

Goniophotometry: Evaluation of Energy Efficiency with the LGS 650

Automotive LIDAR, Detroit

25-26 September 2019, Booth 5

Automotive Interior & Exterior Testing of OEM Specifications

LeCV, Ungarn

10-11 October 2019, Lecture

Characterization of Blue Light Hazard

[Trade fair dates online](#) →



Practical Training: "Moderne Licht- und Displaymesstechnik"

Learn everything about LED, solid-state-lighting and display measurement: What are the latest applications? How to measure correctly? Our specialists will train you in theory and praxis for applications in laboratory, production and quality control. Seminar language is German.

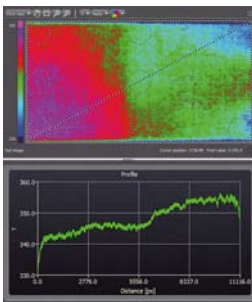
Register with early-bird-price until 30 September!

Seminar date:

26–27 November 2019 at the Novotel, Munich-East

[Register now!](#) →

|| APPLICATION NOTE



Subpixel measurement for OLED and μ -LED displays in production lines

The increasing desire for higher display resolutions drives display innovations. Especially μ -LEDs are considered to be the technological future as they enable very high resolutions. For quality control and calibration of high-resolution displays (OLED or μ -LED) in production lines, it is crucial to measure the optical properties of each individual subpixel under the constraints of production tact times. Thus, luminance and color (X, Y, Z) images with extraordinary high resolutions are mandatory for reasonably accurate measurements of luminance and color on a subpixel level.

[Application Note](#) →

|| UPCOMING EVENTS - MEET US IN PERSON!



Detroit, USA
25-26 September 2019

Booth #5



Detroit, USA
24-25 September 2019

Booth #65



Darmstadt, Germany
23-25 September 2019

Booth #6



Munich, Germany
31.10. - 08.11.2019

Lecture



Bregenz, Austria
24-26 September 2019

Booth #A13



Munich, Germany
12-15 November 2019

Booth #A1.145

Questions?
Contact us!
→

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