

Press Release

Standard-compliant SSL and LED measurement

Instrument Systems to present light measurement technology at Light + Building 2024 for the standard-compliant measurement of solid-state lighting and LED modules.

Munich, February 2024 – *At the Light + Building Fair in Frankfurt a.M. from 3–8 March 2024 Instrument Systems will be showcasing innovative measurement solutions related to the topic of solid-state lighting and LED modules. The focus will be on energy efficiency, unified glare ratio, CIE S 025 and IES LM-79-08. The Munich-based manufacturer will be exhibiting its complete portfolio based on spectroradiometers, goniophotometers and integrating spheres. Visit us at Booth G81 in Hall 8.0.*

At Light + Building 2024 Instrument Systems, market leader for LED measurement technology, will be presenting its product portfolio for light measurement evaluation of solid-state lighting and LED modules. The leading trade fair for lighting and building technology from 3–8 March will provide a forum for the Munich-based company to showcase its application-specific measuring stations, consisting of high-end spectroradiometers, goniophotometers, integrating spheres, imaging colorimeters and diverse accessories. An emphasis will be placed on the precise determination of luminous flux, colorimetric parameters, flicker, UGR and energy efficiency conforming to standards CIE 127:2007, CIE S 025, CIE 117, IES LM-79-08 and EED N°1194 / N°874.

Instrument Systems offers its customers customized systems for almost every LED/SSL, radiometric or photometric application from UV to NIR. The instruments calibrated in the company's own accredited test laboratory stand for traceable measurement results, highest repeatability and stability. At Booth G81 in Hall 8.0, interested parties will be able to obtain detailed advice from our experts. Directly opposite, at Booth G80, CSA Group will be demonstrating its lighting testing and certification services, including showcasing an LGS 650 goniometer from Instrument Systems in live operation.



Figure: In order to precisely determine the radiation characteristics and luminous flux of an SSL source, angle-dependent properties are comprehensively characterized using an LGS goniometer system.

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Company portrait Instrument Systems GmbH

Instrument Systems GmbH, founded in Munich in 1986, develops and produces high-end light measurement technology that is indispensable for the manufacturers of consumer electronics, (AR/VR) displays, μ LED wafers, VCSEL/laser systems, automotive lighting and LED/SSL modules. All solutions benefit from our CAS series of high-precision spectroradiometers that are recognized and in use all over the world. In combination with 2D imaging colorimeters, integrating spheres and goniometer systems, they enable high-precision and accurate measurements in the entire range from UV to IR, traceable to PTB or NIST. Today, Instrument Systems is one of the world's leading manufacturers of light measurement technology. At its Berlin facility, the "Optronik Line" of products is developed and marketed for the automotive industry and traffic technology. Our subsidiary in Korea supplements the product portfolio with the "Kimsoptec Line" for the Korean light & display market. Instrument Systems has been a wholly-owned subsidiary of the Konica Minolta Group since 2012.

www.instrumentsystems.com

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