

press

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opsira GmbH is one of the leading companies for the development of optical systems and in the field of optical measurement and system technique. The highly-qualified team of experts meets even special demands and challenges and finds optimum solutions. opsira's measurement techniques and simulation models are in-house developments and basis for realizing individual solutions for complete optical and illumination systems – from the drawing board to series production. opsira lightlab carries out photometric and radiometric measurements as well as product or component tests in view of their optical behavior.

Optical Engineering Services

opsira develops optical systems for industries as diverse as medical technology, automobiles, sensors, household appliances and other consumer goods. Customers can rely on the experience of engineers who have designed optical systems for years – reliable know-how within an innovative and enhancing market! opsira's optical engineering is strongly oriented towards meeting highest quality demands as well as saving time and costs. The simulation models are based on in-house measurements of light sources, materials and surfaces. The optical behavior of these virtual prototypes largely corresponds to the optical behavior of the real product. Result: a faster and more sophisticated way for new products of seeing the light of day.

Lightlab

Accurate measurement for reliable results: opsira measures the optical characteristics of products and components to ensure high quality. The measurements, such as the optical properties and characteristics of materials and light sources, are used to ensure high quality simulations and products. opsira measurement services not only provide development input but also ensure that products meet their performance requirements. opsira carries out measurements for customer projects fast and at a favorable price.

Measurement and Test Systems

The design of opsira's optical measuring systems is strongly based on customers' requirements. The measurement systems are distinguished by graphical interfaces with easy-to-use functionality, portability, low-prices, and customizable software. Data acquisition and compliance protocols in the required standards format are produced automatically with the final inspection or can be archived for later use. The opsira-made software is designed to be able to react quickly and flexibly to changes and redirections of the latest standards.

opsira booth B21 + C22: we show you our largest and our smallest measurement all-rounders!

	
<p>robogonio, the multifunctional far-field goniometer</p> <p>The multi-functional goniophotometer and its various detectors enable the measurement of angle-resolved photometric parameters of light sources or luminaires. robogonio perfectly combines the advantages of different conventional goniometer types into one measurement device. www.robogonio.de</p>	<p>luca'lux portable, the mobile measurement all-rounder</p> <p>opsira's portable measurement system luca'lux enables the mobile measurement of illuminance and luminous intensity distributions as well as measurements of spectral distributions from UV to NIR. It combines opsira's measurement systems luca'lux and spec'3 into one measurement device.</p>