



OPTICAL
ENGINEERING
SERVICES

Engineering Services



opsira develops optical systems for industries as diverse as medical technology, automobiles, sensors, household appliances and other consumer goods. The demands and challenges placed on us by our customers are manifold, but there is one thing they can rely on: the experience of our engineers who have designed optical systems for more than ten years now – reliable know-how within an innovative and enhancing market!

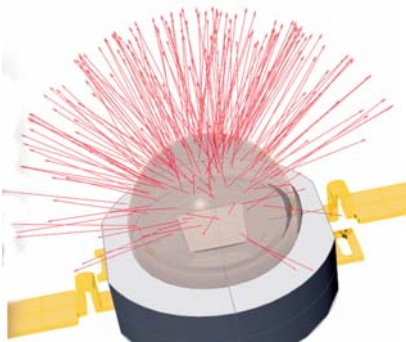
Our optical engineering is strongly based on our customers' requirements, which means to create highest quality as well as to save time and costs. Therefore our simulation models are based on our in-house measurements of light sources, materials and surfaces. The optical behavior of these virtual prototypes largely corresponds with the optical behavior of the real product.

Result: a faster and more sophisticated way for new products of seeing the light of day.



OPTICAL
MEASUREMENT
SERVICES

Measurement Services



Bright examples put to test: Efficient developments call for reliable data. Our customers rely on our testing their products and components regarding their optical efficiency. In our laboratories we measure the optical characteristics of materials, emitters or light sources – as a basis for our development services or for qualification purposes of our customers systems.



OPTICAL
TEST
SYSTEMS

Measurement Systems



The design of opsira's optical measuring systems is strongly based on our customer's requirements. Our 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.

Our software, written at our facilities, is designed to allow us to react quickly and flexibly to changes and redirections of the latest standards.