

The Rise of Micro-Optics Shows No Sign of Slowing

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Mr. Dirk Hauschild, Director of Focuslight Center for Optical Research & Engineering (CORE), was recently interviewed by Photonics Spectra. The interview article was published in Photonics Spectra January 2023 edition - **The Rise of Micro-Optics Shows No Sign of Slowing**.

Micro-optics are a key enabler in the modern world, spurring advancements in consumer electronics, automotive lighting, and the next generation of autonomous vehicles. As demand grows from sectors far and wide, new fabrication approaches are allowing for faster and more economical production. With 30 years of micro-optical design experience—Focuslight's wafer-based production technology produces polished wafers up to 300 x 300 mm², making it possible to produce tens of thousands of lenses in a two-step process with a consistently high level of quality. It is a scalable and cost-effective production technology for very high quantities, making it affordable for massive applications.

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About Focuslight

Focuslight is a fast-growing company that develops and manufactures **high-power diode laser components and materials** (photon generation) and **laser optics** (photon control) used in various industries and applications. Business scope is being extended by developing and manufacturing **photonic application modules, assemblies, and sub-systems** (photonics application solutions) with a focus on automotive, pan-semiconductor, and medical & health application solutions.