

Focuslight Technologies Exhibited at Laser World of Photonics China 2023

July 12, 2023

Laser World of Photonics China 2023 was opened on 11 July at the NECC in Shanghai, China. From Focuslight's innovative product showcases, photonics application solutions display, and booth presentations to inspiring conversations, it is a great event connecting customers and partners.



Video Link: [Focuslight Technologies Exhibited at Laser World of Photonics China 2023](#)

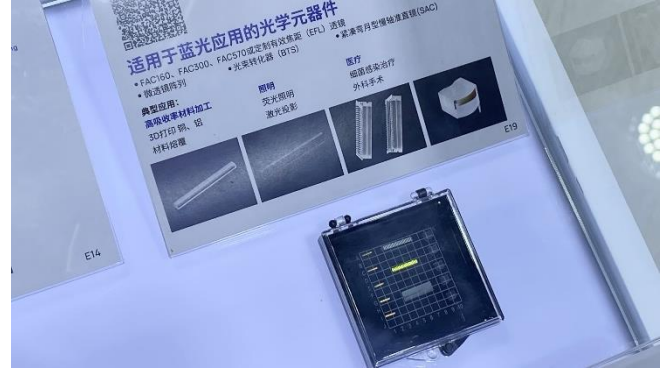
During the two years since the last show, Focuslight has successfully completed the IPO at the SSE Star Market, unified its brand globally with LIMO GmbH, and expanded its facilities and capacities in China, Europe, and the US, striving to be the globally trusted photonics solution provider through innovation, manufacturing excellence and fast response.

This year, Focuslight showcased its high-power diode laser components and materials, micro-optical components, and various photonics application solutions focusing on the applications in the automotive, pan-semiconductor processing, and medical & health industries.

NEW PRODUCTS

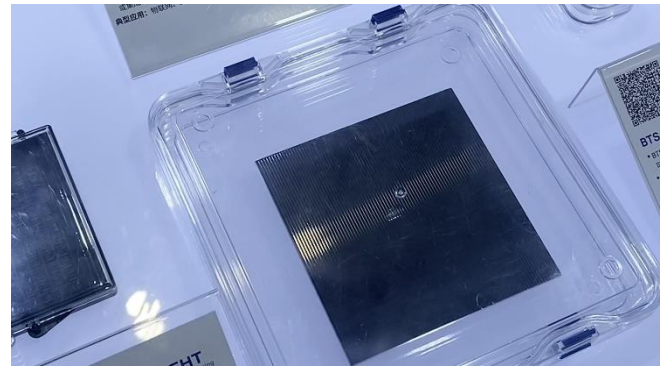
1. Blue FAC 300

This new FAC has an effective focal length of 0.3mm, a plano-convex design, and is designed for fast axis collimation purposes for high power blue diode laser.



2. Silicon Optics with Large Sag

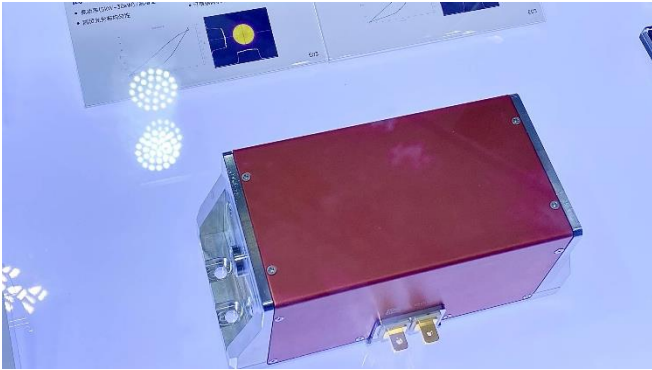
With Focuslight's processing technology, the lens sag can achieve as large as 4 mm (4000 μm) at an exit angle of $0^\circ \sim 80^\circ$ on silicon optics, which maximizes the numerical aperture (NA) that silicon optics could achieve and exceeds the limit of the silicon optics processed with conventional technologies.



3. High-Power Diode Laser Side Pumped Modules SP17

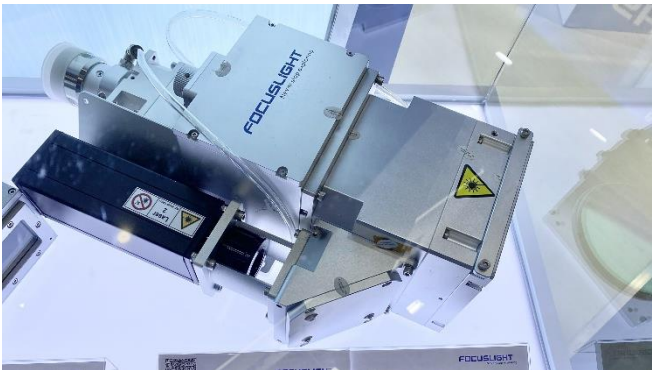
The model can offer peak power of 30kW while achieving higher small signal gain (>55), and better fluorescence distribution uniformity $>90\%$. It can be used for high-power solid-state laser pumping, and ultimately applied in advanced manufacturing fields such as material

machining, surface treatment, and pan-semiconductor processing.



4. Flux H Series - Variable Beam Laser System

The Flux H series generates an adjustable laser beam with 4kW power output, 976nm wavelength from laser sources, and regulates the beam size and homogeneity through micro-optic modules. The beam is continuously adjustable in width and length from 2mm to 200mm, as the uniformity maintains as high as > 97%.



As one of the leaders in the field of semiconductor manufacturing and application solutions, Focuslight applies innovative application solutions with its advanced technology and rich experience in global multi-regional manufacturing, successfully meeting customers' challenging business requirements. "Never stop exploring", Focuslight strives to be the globally trusted photonics solution provider and help clients to achieve their goals and success!

About Focuslight

Focuslight is a fast-growing company that develops and manufactures high-power diode laser components and materials (photon generation), laser optics (photon control), photonic application modules, assemblies, and sub-systems (photonics application solutions) with a focus on automotive, pan-semiconductor, and medical & health application solutions. With our extensive engineering expertise and know-how, Focuslight is dedicated to providing customers with well-matched comprehensive solutions that enable our customers' success in their own businesses. In December 2021, Focuslight announced the IPO on the Shanghai Stock Exchange (Ticker Symbol: 688167). [Focuslight - Never Stop Exploring \(www.focuslight.com\)](http://www.focuslight.com)

BOOTH PRESENTATIONS

From July 11 to July 12, booth presentations were delivered by Focuslight's experts, sharing cutting-edge photonics technologies and their applications.

