

OPTICAL SOLUTIONS FOR SEMICONDUCTOR PROCESSING

Typical Applications

- Lithography
- Wavefront Inspection
- Mask Aligner Lithography
- Multibeam Laser Dicing
- Quality Control

Typical Products

- Round / cylindrical / hexagonal lens arrays
- Diffractive optical elements
- Spatial filter arrays
- MLAs with aperture

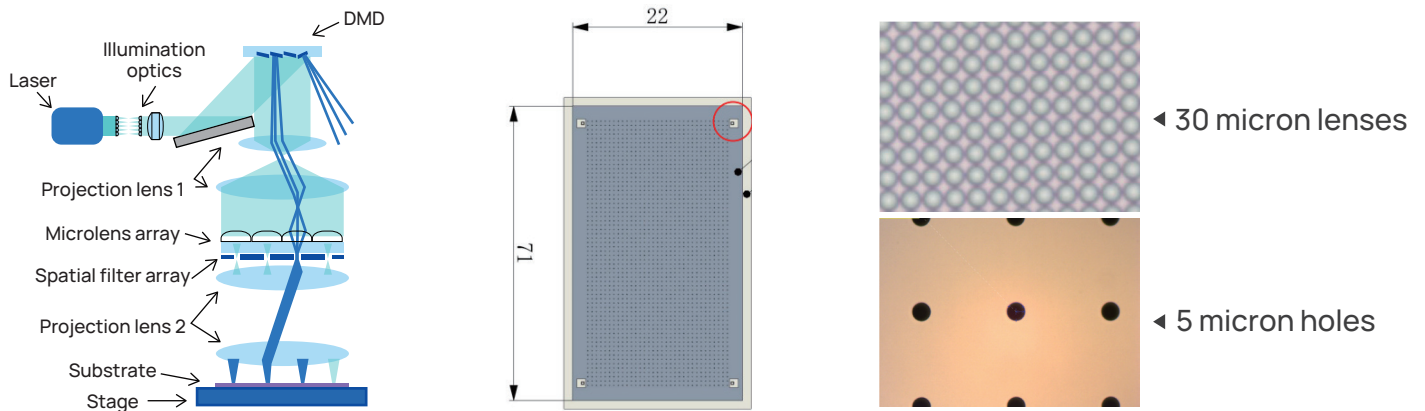
Features

- Unique stepper lithography manufacturing process
- Fused silica (various grades)
- In-house simulative design of DOE pixel pattern



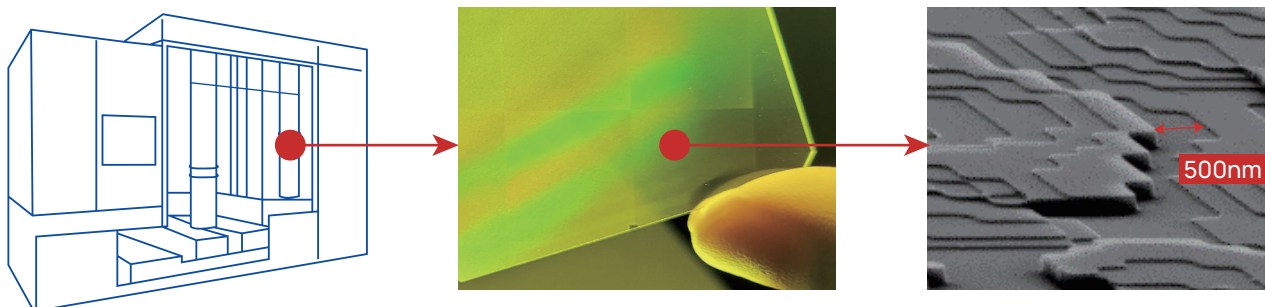
Application Example: Mask-less Lithography

- Precise combination of MLA with metal pinhole array
- Variable element shapes, e.g. Nipkow disks



Application Example: DUV Wafer Scanner

- Beam shaping of an excimer laser in the deep UV wavelength region
- Nanometer structures made over large areas on glass substrates



COMPANY INTRODUCTION

Founded in 2007 and headquartered in Xi'an, China, Focuslight Technologies Inc. is a fast-growing public company (SSE Star Market: 688167) that develops and manufactures high power diode lasers (photon generation), laser optics (photon control), and photonics modules and systems (application solutions) with a focus on automotive, pan-semiconductor, and medical & health application solutions. In 2017, Focuslight successfully acquired LIMO GmbH, and completed the brand unification in January 2022. In January 2024, Focuslight acquired SUSS MicroOptics (now as Focuslight Switzerland). Focuslight owns over 400 patents worldwide and is ISO 14001, ISO 45001, ISO 9001, and IATF 16949 certified. Additional information can be found at www.focuslight.com.



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