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Focuslight Corporate Overview

2026-08

Focuslight Overview

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- Founded in 2007 by Dr. Victor X. Liu, headquartered in Xi'an, China.
- A fast-growing company that develops and manufactures:
  - **Laser sources and materials** (Photon Generation)
  - **Optical components** (Photon Control)
  - **Photonics module and system solutions** (Application Solutions) focusing on **optical communication, consumer electronics, and pan-semiconductor applications**.
- A **global photonics foundry** offering process development and manufacturing services to the global photonics community.
- Publicly listed in the Shanghai Stock Exchange (Ticker Symbol: 688167).

Milestones

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2007

Founding of Focuslight

2018

Dongguan delivery and high-volume manufacturing center officially in operation

2021

Successful IPO at Shanghai Stock Market

2024

Acquisition of ams OSRAM's optical component assets;

Relaunch of Heptagon brand

2025

Hefei Base officially in operation

2017

Acquisition of LIMO;

Started providing photon control and photonics application solutions

2019

Global branding identity upgrade

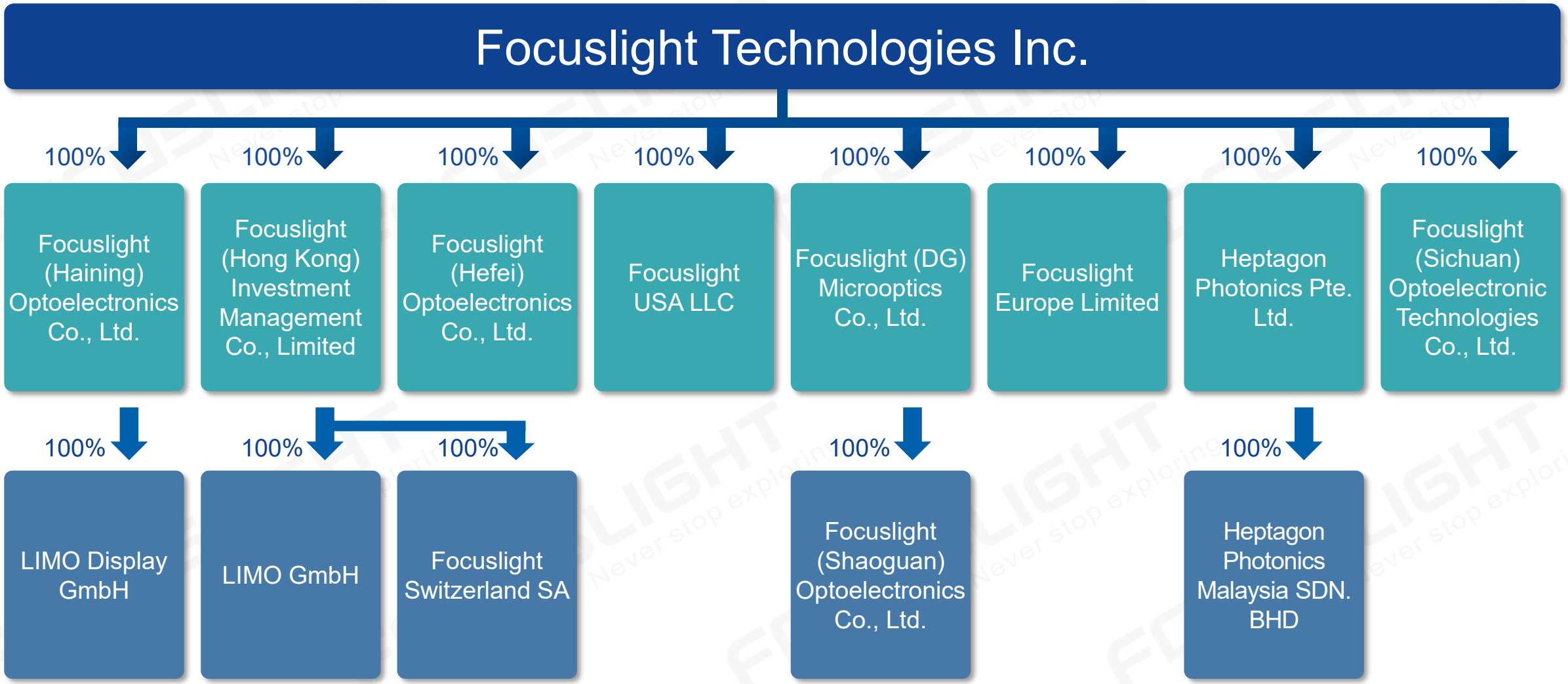
2024

Acquisition of SUSS MicroOptics

2024

Shaoguan Base officially in operation

Focuslight Corporate and Subsidiaries



Focuslight Global Operations System

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Switzerland

Germany

Dongguan, China

Shaoguan, China

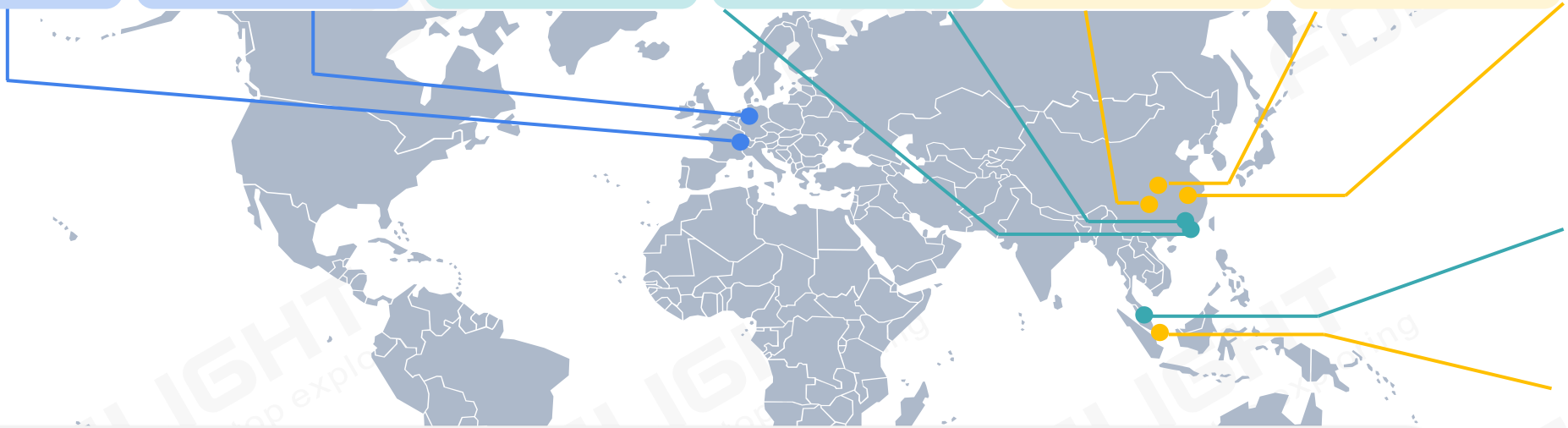
Sichuan, China

Xi'an, China

Hefei, China

Malaysia

Singapore



Fast Development Cycle: Europe/Asia co-innovation → Asia engineering → Asia mass production

Cost & Quality: Competitive production cost without compromising precision or reliability

Supply Chain Resilience: Multi-site operations reduce geopolitical and single-location risks

Customer Proximity: Localized fast response across China, USA, Europe, and Southeast Asia

R&D, Innovation	*Engineering*	*Mass Production*

Key Facts & Figures

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Employees

>1,000

Revenue Proportion Invested into R&D (2026 Q2)

~20%

Yearly Revenue (2025)

880M RMB

Patents Valid Worldwide

>420

Facility Worldwide

>60,000m²

Clean Room Worldwide

>19,000m²

ISO 9001
ISO 14001
ISO 45001
IATF 16949
Certified

Corporate Management Team

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Dr. Xingsheng Liu (Victor)

Chairman, CEO

Research and management experience in the US, with 100+ publications, 300+ patents, 30+ invited papers internationally

Committee Member of SPIE and IEEE

CORNING COHERENT nLIGHT

Dr. Chung-En Zah

CTO

30+ years of research experience in the US, with 300+ publications, 50+ patents in optoelectronics and telecommunication

IEEE Fellow, OSA Fellow, 2x R&D 100 award winner

THORLABS CORNING Bellcore Bell Communications Research

Mr. Sinclair Vass

Corporate SVP of International Sales & Business Development

35+ years experience in international photonics markets, having held technical, commercial and general management leadership roles at major multinational companies

Velodyne JDSU Lucent Technologies Bell Labs Innovations

Mr. Tan Chee Huo (Michael)

Corporate SVP of Business Process and IT

25+ years in IT leadership, specializes in digital business transformation, global project management, multicultural team leadership in fast-paced international industries, and strategic decision-making

NOKIA ThermoFisher SCIENTIFIC Tupperware EVIDENT

Mr. Guowei Zhu (Gavin)

Vice President of Global Operations

20+ years in international automotive companies, rich experience in IATF QMS and plant operations management by World Class Manufacturing (WCM) & Lean manufacturing

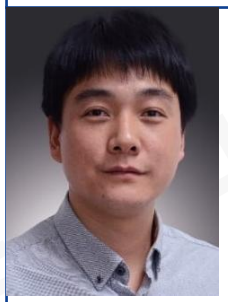
MAGNETI MARELLI BorgWarner GST SEIKO AUTOLEATHER

Mr. Lucas Zhang

Vice President of Global Operations

20 years of global supply chain management experience at multiple Fortune 500 companies, with strong expertise in in supply chain planning and management within the consumer electronics industry

HUAWEI LCFC Quanta Computer



Mr. Ye Dai (Robert)

Corporate VP of Global Sales

Excellent track record in worldwide sales, product line and business unit management leadership roles

20+ patents granted

IVO APPLIED MATERIALS

Ms. Yiping Ye (Alison)

Board Director, CFO

Over 20 years management experience and multi-field business practices

In-depth understanding in LTC, IPD, intercultural cooperation and rich operational experience in market development, project operation and business management

HUAWEI Hanergy 汉能

Mr. Qichuan Yu

Chief Product/Process Officer

Over 25 years of experience in wafer-level optics, optical sensor and camera packaging, SAW/BAW filter R&D, and NPD execution, with a strong focus on mastering, tooling, and wafer-level processes

ams OSRAM HEPTAGON EPCOS

Corporate Management Team

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Ms. Xuefeng Zhang (Jennifer)

Board Director, Board Secretary, Marketing Director

Over 15 years photonics industry international business experience, in-depth understanding and rich experience in sales, marketing and business development

RMD A Dynasil Company · RAYSUNG

Mr. Dirk Walter Bogs

Corporate VP, President of Laser Optics BU

Over 25 years' experience in ultra-precision tooling, optic manufacturing, engineering & project management, and operational management

Very deep knowledge of technology development and optimization

LIMO A Focuslight Company

Mr. Weiyi Gu

President of Laser Source and Applications BU

13 years experience in photonics R&D and product management, with rich track records of leaderships in developing and delivering system solutions for pan-semiconductor and industrial applications

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Mr. Hongyuan Liu (Tom)

President of Global Photonics Foundry BU

20+ years in R&D and operations management, specializing in optical imaging and non-imaging system design, WLO process & integration, and optical component manufacturing. Proven track record in new product development and scaling high-volume production

ams OSRAM · UNISTEEL · flex

Mr. Hong Wang

Corporate R&D Director

PhD in physics and Master in computer science. 20+ years in quantitative analytics, capital market risk modeling and architecting. Expert in building analytic infrastructure and system. Rich experience in multinational team management.

WELLS FARGO · citi · Sabre

Mr. Yong Tian (York)

Corporate VP, VP of Laser Optics BU

20+ years of operation & R&D management, very deep knowledge with organic optical materials and optical coating technology, published SCI articles and owns patented technologies. Experienced in Lean Manufacturing & Industry 4.0

IBM · ZEISS

Mr. Vicknes Ratha Krishnan

VP of Laser Source and Applications BU

Proven business leader, 16+ years in program and product management within optoelectronics and semiconductors, working with multinational companies and top-tier customers.

ams OSRAM · Inari Technology · LUMILEDS

Dr. Tobias Senn

Head of Strategic Growth R&D

15+ years of experience in micro-optical component development for the consumer market. Expert in design for manufacturing and process development, with a strong focus on high-volume production and yield improvement

ams OSRAM · NIL TECHNOLOGY · HZB Helmholtz Zentrum Berlin

BU: Business Unit

Business and Branding

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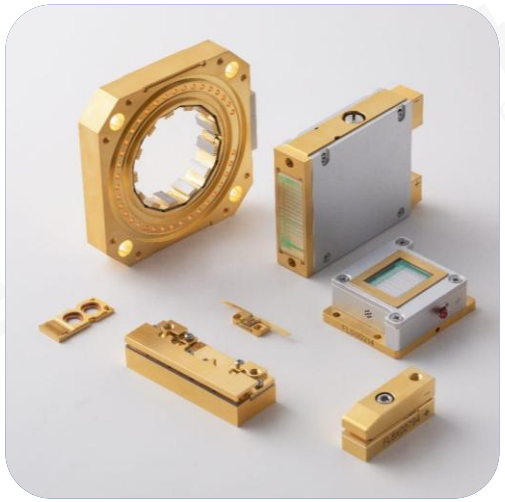
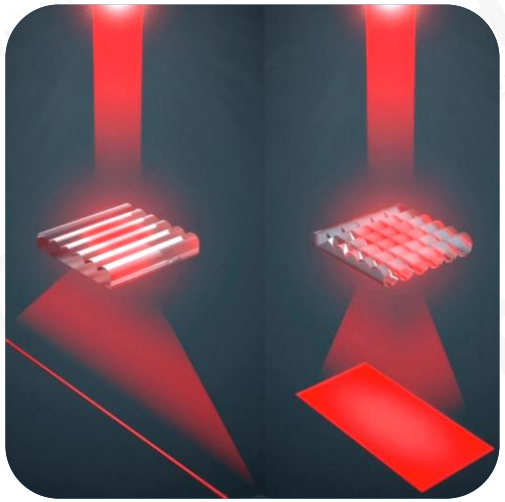


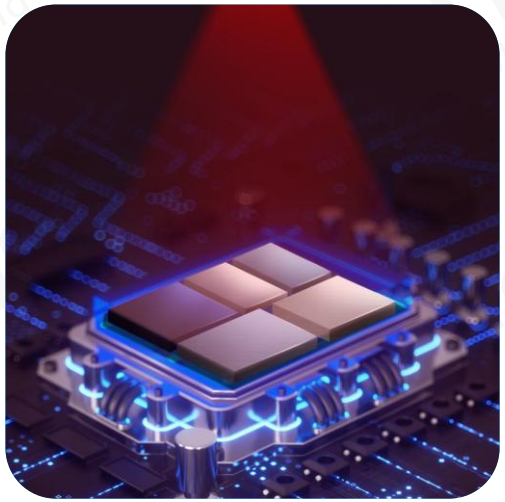
Photon Generation

+



Photon Control

+



Photonics Application Solutions

+

Global Photonics Foundry

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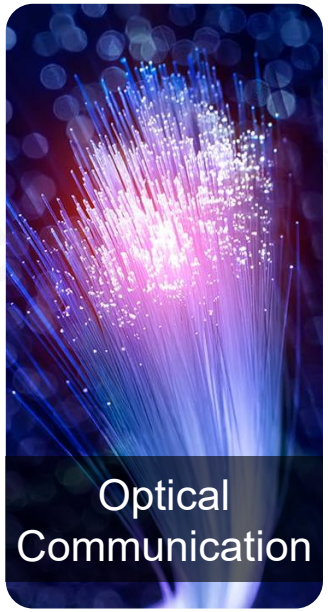
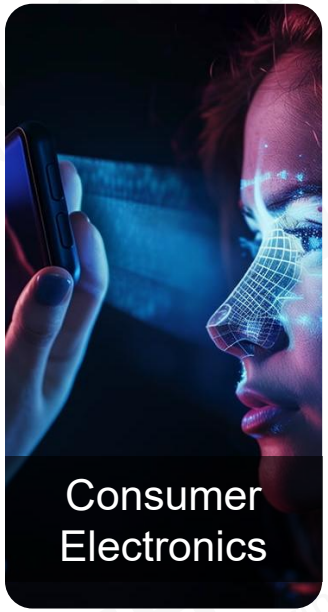
+ HEPTAGON

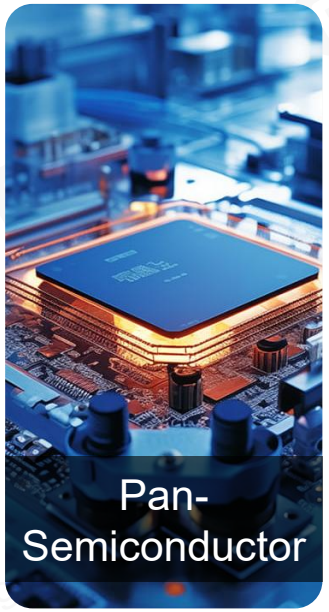
Markets



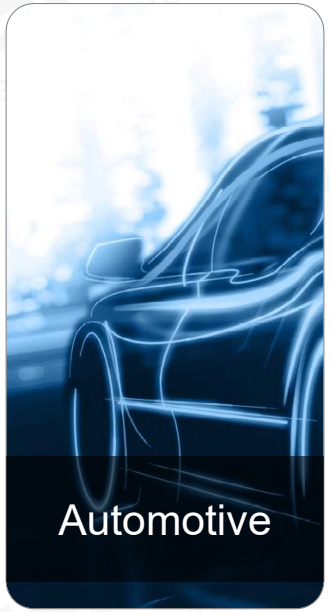
16%
revenue



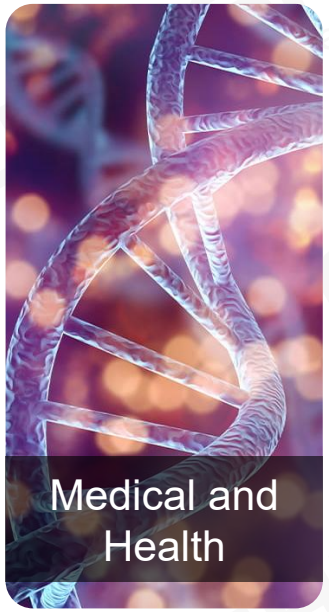
7%
revenue



27%
revenue

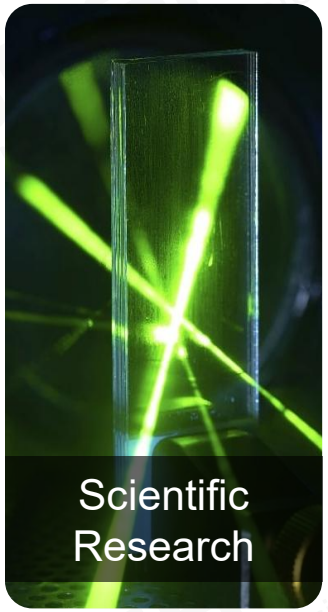


13%
revenue



11%
revenue

25%
revenue



1%
revenue

** Based on accumulated revenue data from 2026 Q2 with rounded figures*

Value Proposition

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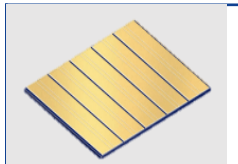
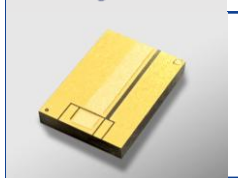
Total Solution and Service in **Full Value Chain**

Raw Materials → Components, Devices → Modules, Subsystems, Application Systems → Solution, Support, Service



Chips (Strategic collaboration with Suppliers)



Submounts

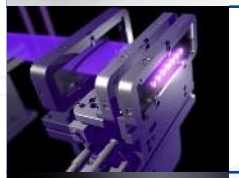
Optics Substrate

Light Sources

Optical Components

Pumped Modules

Laser Subsystems



Optical Subsystems

Integrated Modules

Application Centers

Technical Support

Field Service Centers

Industry Leader + Strong Financial Backing + Healthy Stable Company + Invest in the Future

Value Proposition

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Do what we do best

Offer the best value

Optimize to the extreme

Achieve the best performance / quality-to-price ratio

Commitment to Customers

- Lowest cost manufacturing for high volume products
- Willing to take technical risk, but request customer commit market share in return
- Willing to take investment risk in R&D and capital including M&A for customer but request customer commit market share in return
- Collaboration transparency, fast response, IP protection and long-term partnership

What we don't do

Take high market risk

Be greedy

Be too aggressive

Compete against our customers

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Vision

To unlock the potential of photonics
to enhance and enrich people's life

Mission

Be the global trusted photonics solution provider through innovation, operational excellence and fast response

Products and Services

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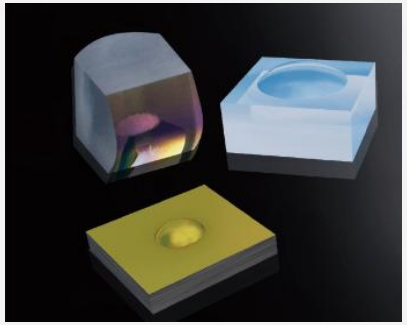
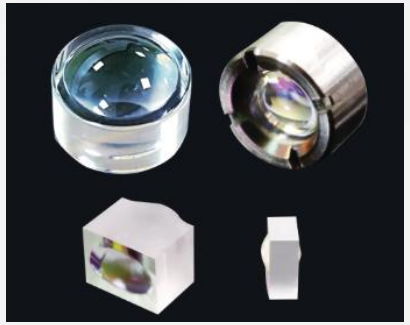
Optical Components

Single Lenses

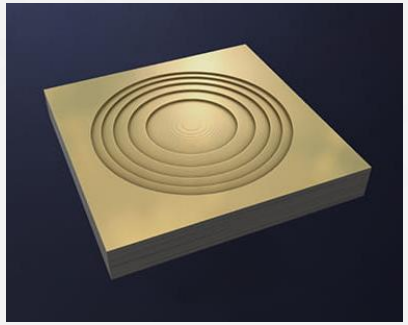
FACs



Fiber Couplers and Collimators



Focusing Lenses and Biconic Lenses

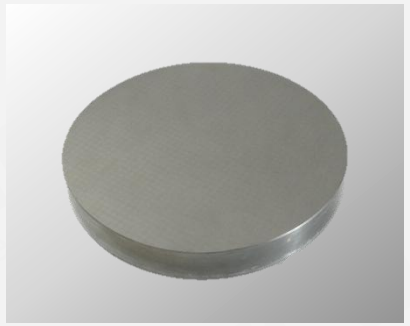


Collimating DOEs

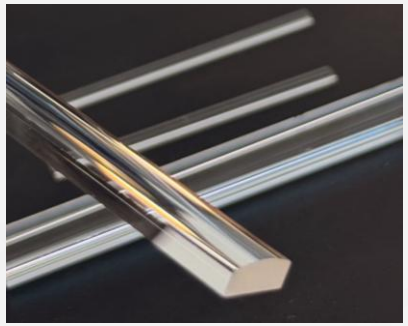
Concave/Convex Conical Lenses

Waveplates

Beam Splitting Prisms and Corner Cube Prisms



Large Plano Optics



Large Cylindrical Lenses

Large Spherical Lenses

Products and Services

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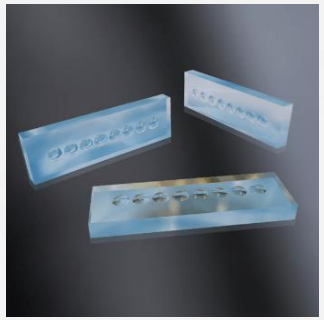
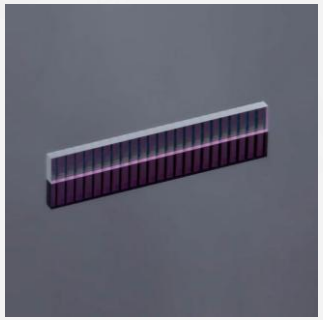
Optical Components

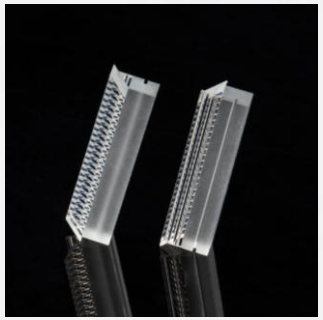
Linear Lens Arrays



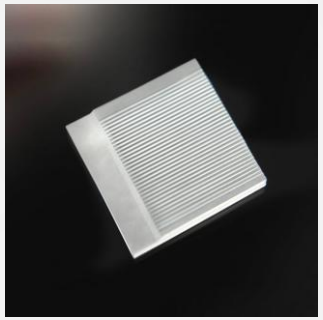
Fiber Coupling and Collimating Arrays



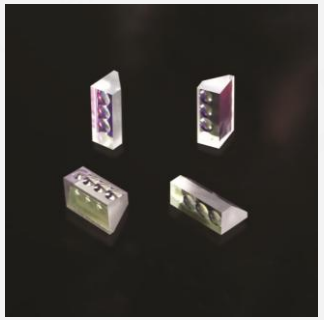
SAC Arrays



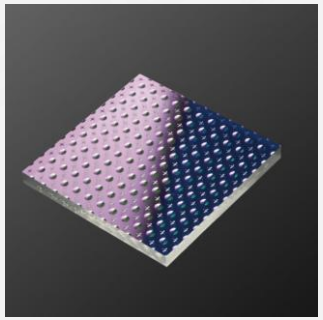
BTS



Engineered V-groove Arrays



Microprism Lens Arrays

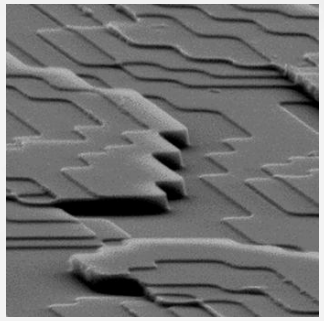


N x N Large Lens Arrays

Area Lens Arrays

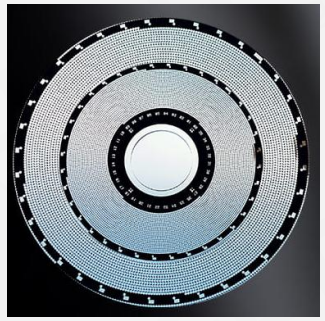
Homogenizers

Diffusers



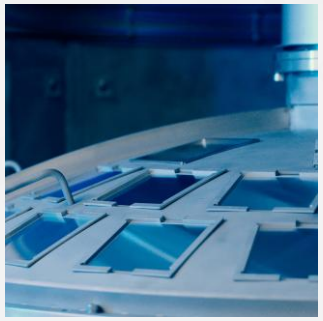
DOE Beam Splitters, Dot or Line Generators

Shack-Hartmann Arrays



Pinhole Arrays

Technical Services



Optical Coating

Products and Services

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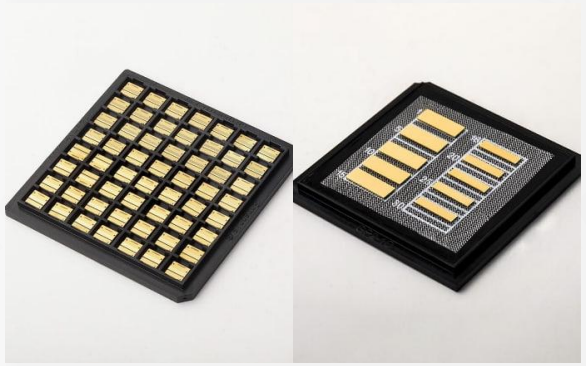
Laser Sources and Materials



Advanced Materials

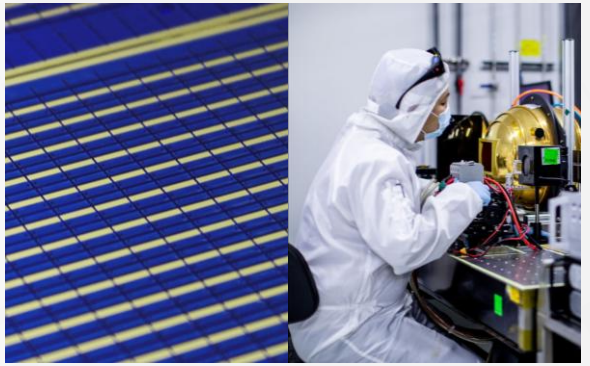
- AuSn Pre-Deposited AlN Submounts
- AuSn Pre-Deposited CuW Submounts

Open-Package Diode Lasers

- Single Emitter Components
- Single Bar Components
- Micro-Channel Cooled Stacks
- Conduction Cooled Stacks
- Pumped Modules

Fiber-Coupled Diode Lasers

- Emitter-Based Modules
- Bar-Based Modules



Technical Services

- Thin Film Metallization Service
- Diode Laser Manufacturing Service

Products and Services

Medical and Health Application Solutions

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Laser Hair Removal Engines and Laser Treatment Modules

Laser Skin Rejuvenation Modules

Diode Laser Drivers

Products and Services

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Pan-Semiconductor Application Solutions

Advanced Display Manufacturing

IC Wafer Annealing System

Variable Beam Laser System
(Advanced Chip Packaging)

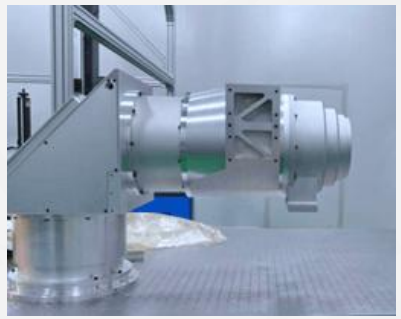
Precision Optics Modules

IC Manufacturing

Laser Lift-Off (LLO) /
Laser Annealing (LA) System

Variable Beam Laser System
(Mini and Micro LED Processing)

Technical Service



Precision Optical
Assembly Service

End-to-end Technical
Service

Products and Services

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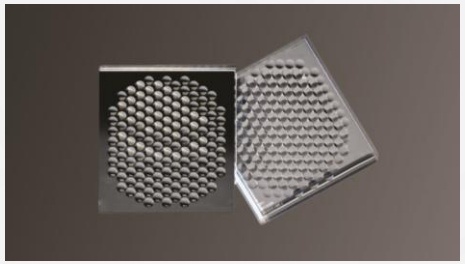
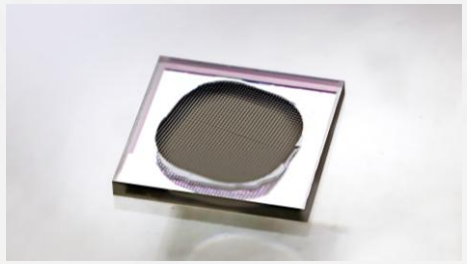
Consumer Electronics Solutions

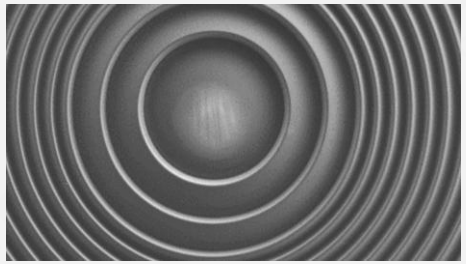
Beam Shaping and Pattern Generating



Pattern-Generating MLA

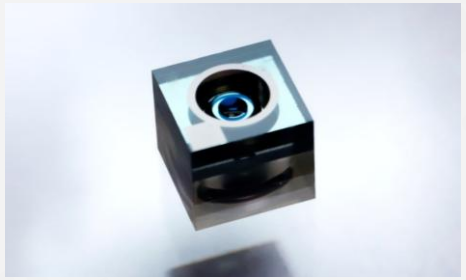


Engineered PoG Diffusers



Diffractive Optical Element (DOE)

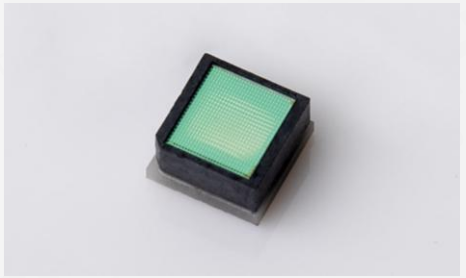
Imaging and Projection



Imaging Lens Modules

Projection Lens Modules

3D Sensing



Sensing Modules

Semicon Foundry

Optical Component and Module Imprinting Service on Si Wafers

Products and Services

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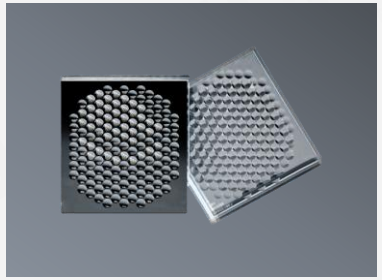
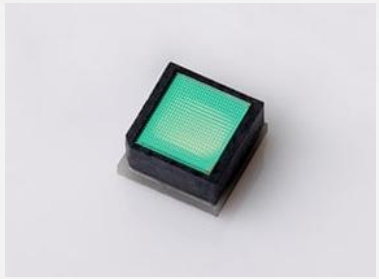
Automotive Application Solutions

Projected Lighting

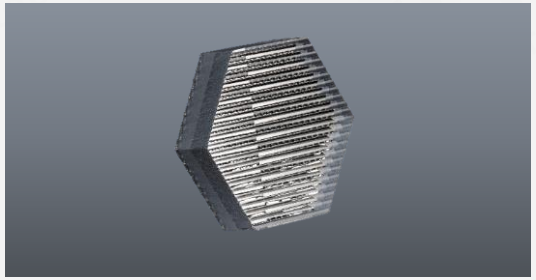


Microlens Arrays for Projection



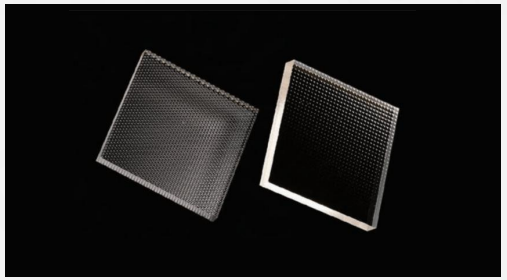
MLA-Based Dot Projectors

Smart Headlights



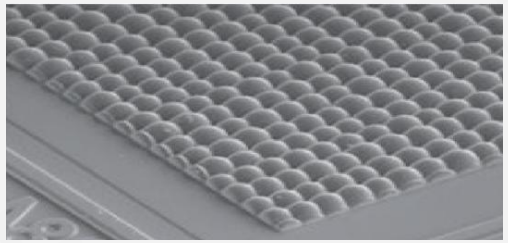
Microlens Arrays

Driver Monitoring System



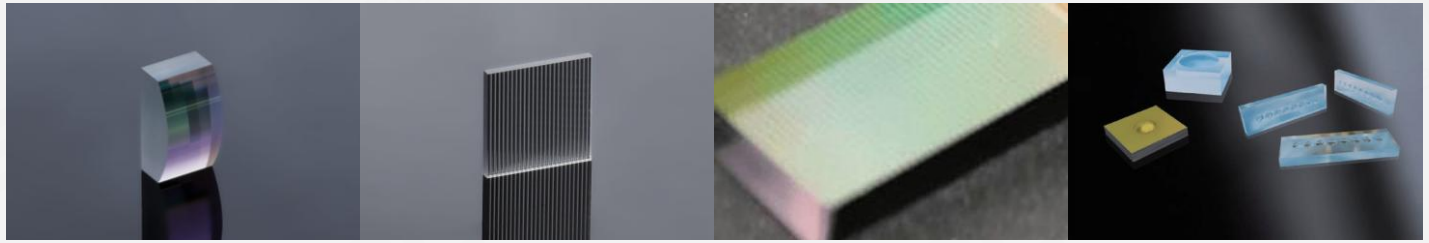
Homogenizers / Diffusers for Illuminators

AR HUD)



Homogenizers / Diffusers

LiDAR



Beam Shaping Optics: Fast Axis Collimators, Diffusers, Homogenizers, Collimators and Arrays

Global Photonics Foundry Services

FOCUSLIGHT
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From Concept to Mass Production

Specification Requirements

(ERS, RFI, sharing)

Design Feasibility Study

Outcome: Concept & prelim. Design (fulfilling requirements, dimensions, est. cost),

DFM* Stage

Outcome: Full-fleshed Design for WLO-Technology, Manufacturability and Risk Analysis

*DFM: Design For Manufacturing

Design Verification / POC Stage

Outcome: 1st Gen Working Samples manufactured, testing data results for e.g. yield analysis

Product Validation & Qualification

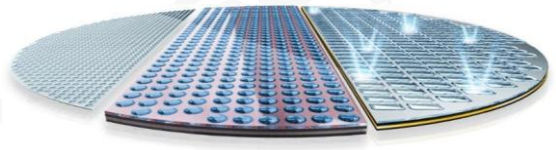
Outcome: 2nd or xth Gen working samples, Creation of Product Documentation (e.g. delivery req. specifications, drawings, technical datasheets etc.), cost analysis

Ramp-Up

Mass Production

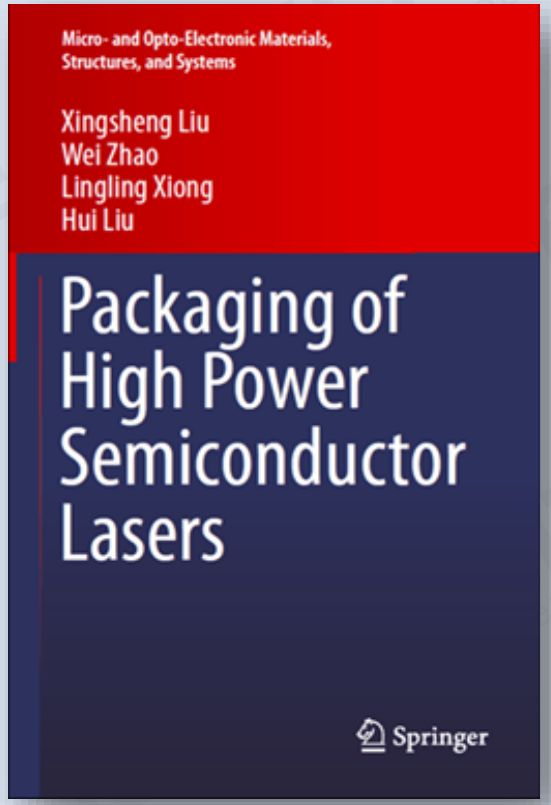
WLO Components fully compliant according to Product Requirements and Test Specs.

Wafer Level Optics (WLO)

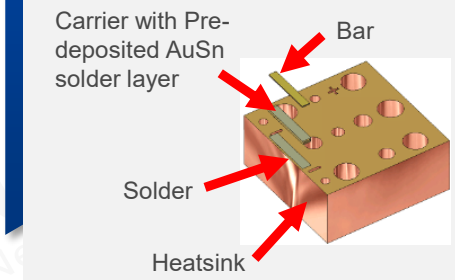


Core Competence

Diode Laser

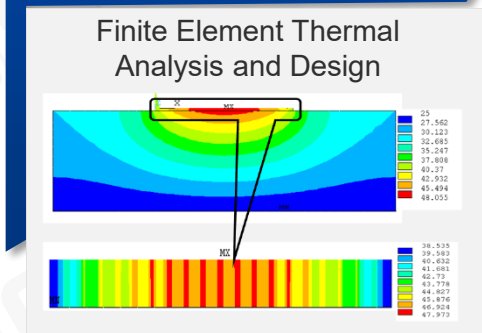


Eutectic Bonding



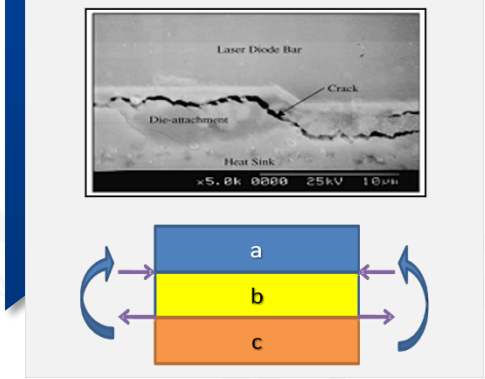
Significantly enhances thermal conductivity, reducing thermal stress, and thus improving the products' performance and lifetime

Thermal Management



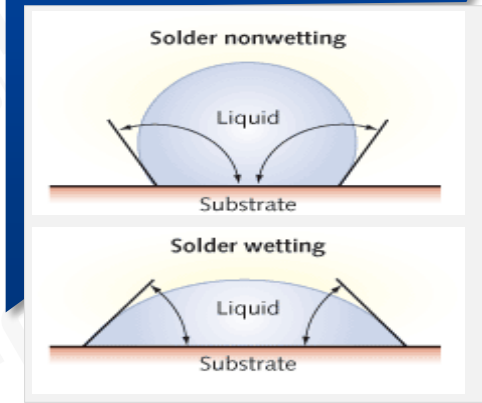
Effectively improves the ability of heat dissipation to ensure a higher output power

Thermal Stress Control



Lowers and homogenizes the thermal stress, and improve the device performance

Interface Materials and Surface Engineering



Greatly improves wettability and bonding strength of packaging materials, enhancing long-term reliability

Core Competence

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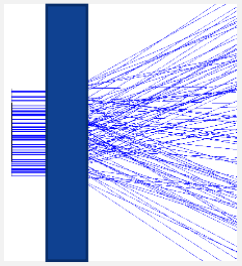
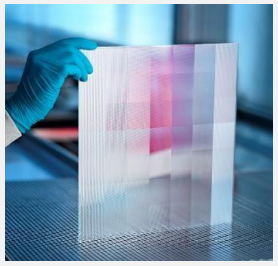
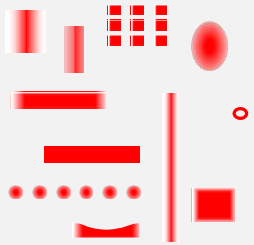
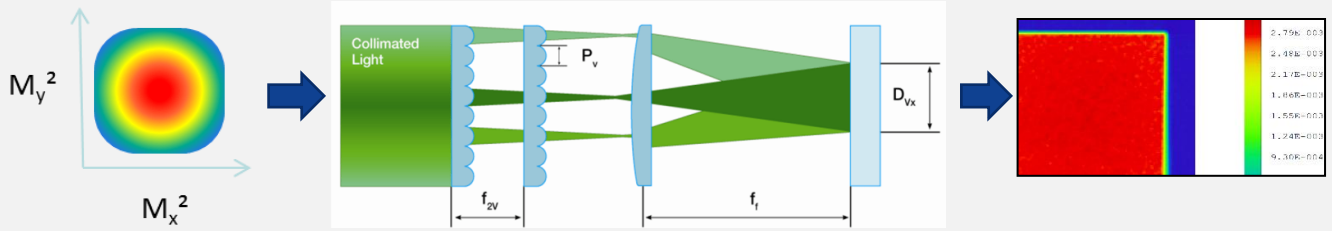
Beam Shaping – ***The Right Photon at the Right Place and Time!***

Micro Optics Design and Simulation

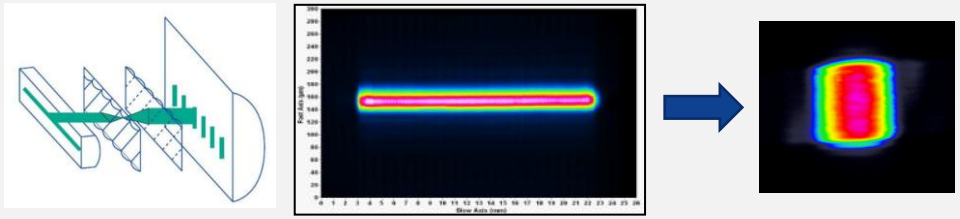
Acylindrical free-form micro-optics / arrays / diffusers / DOE splitters / beam shaping systems

Homogenization

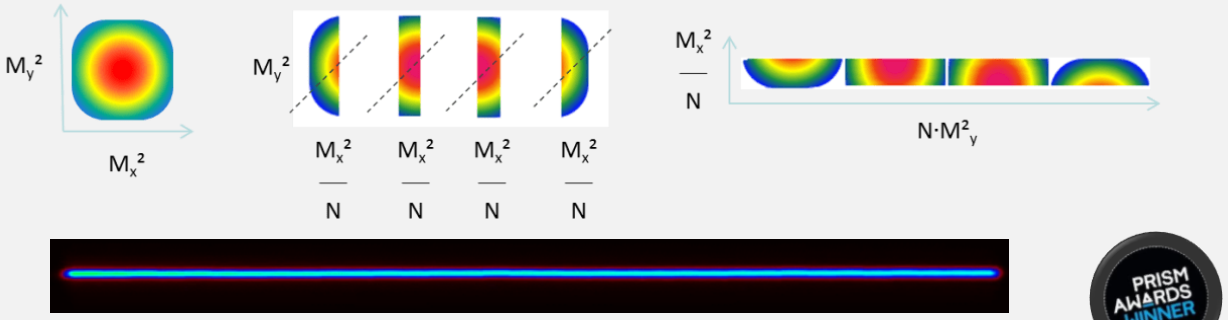


Uniform and homogeneous illumination in any desired shape

Beam Transformation



Asymmetrical → Symmetrical beam



Symmetrical beam → High density line beam

PRISM AWARDS WINNER

Our UV-L750 System for Laser Lift-Off (LLO) was Prism Awards winner in 2018

Core Competence

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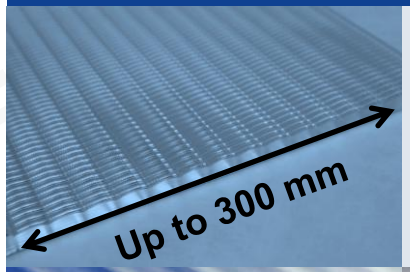
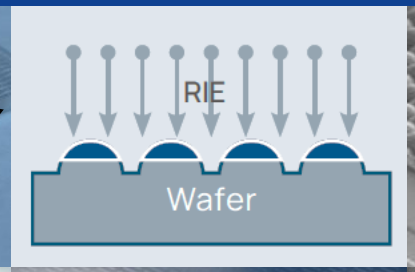
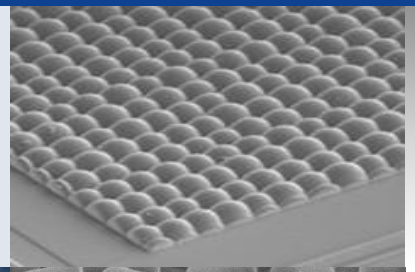
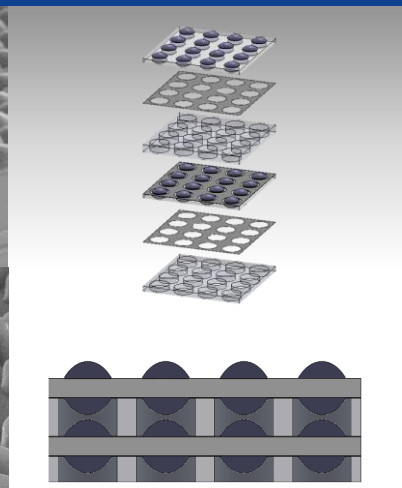
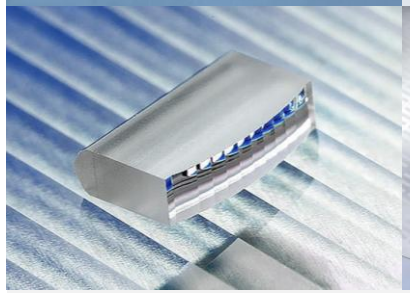
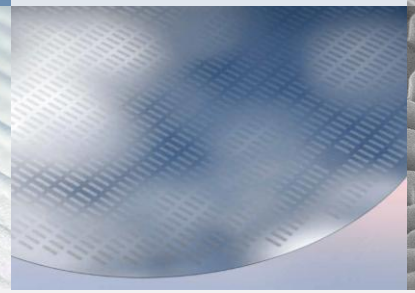
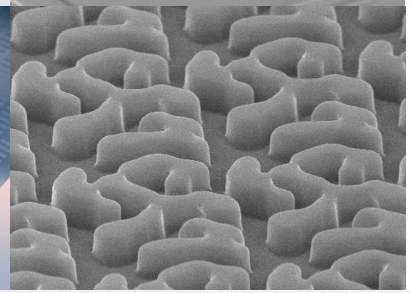
Optics Manufacturing

Wafer Level Simultaneous Structuring	Wafer Level Photolithography-RIE (reactive ion etching)	Wafer-Level Optics (WLO) Precision Imprinting	Wafer-Level Stacking (WLS)	Precision Glass Molding	Cold Processing
					
					
With inorganic materials: Glass, Fused Silica, Silicon, CaF_2		With polymer on glass		With moldable Glass	With inorganic materials

High LIDT Optical Coating: Anti-reflection, high-reflection, beam splitter, band filter, and various customization (UV, VIS, IR)

Core Competence

Test, Analysis and Diagnosis

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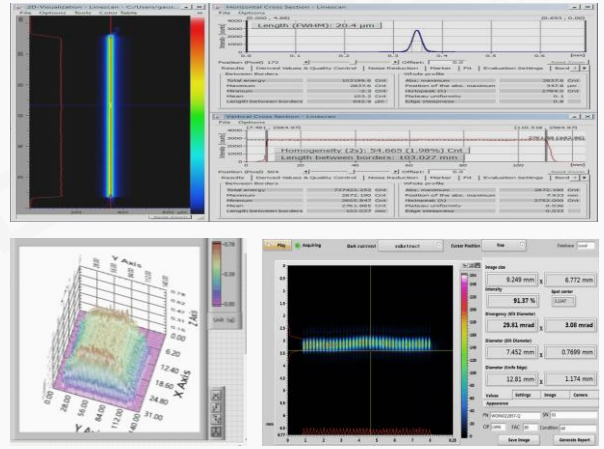
Test and Characterization of High-Power Diode Laser

A comprehensive physical diagnostic model allows full characterization of a set of key parameters, such as:

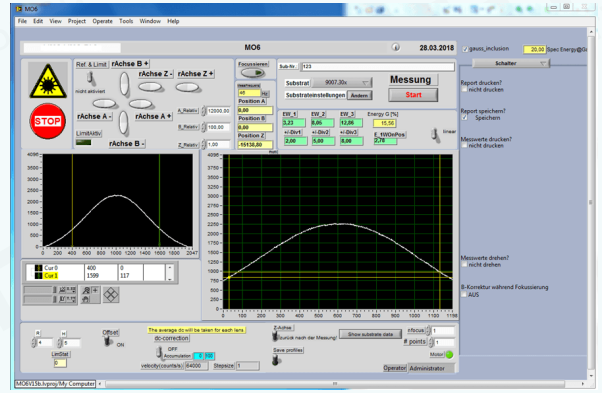
- LIV
- Spectrum
- Polarization
- Far-field / Near-field
- Spatial spectrum
- Spatial polarization
- Spatial beam profile
- Smile effect
- Lifetime



Metrology and Analysis of Optical Components

Wave optics models are used in conjunction with tactile surface measurements for precise analysis of optical functions such as:

- Focusing
- Collimation quality
- Beam uniformity



A Unified Quality Management System

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Governance Framework That Drives Enterprise-Wide Quality Excellence

- ISO9001 Certified Quality Management System (QMS)
- ISO14001 Certified Environmental Management System (EMS)
- IATF16949 Certified Automotive Quality Management System
- ISO45001 Certified Occupational Health and Safety Management System
- Failure Mode and Effect Analysis (FMEA)
- Statistical Process Control (SPC)
- Production Traceability Database
- Control Plan (CP)

Quality Assurance System

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Ensuring Product Reliability Through Rigorous Controls and Verification

Built-in Quality to Meet Customer's Needs

Assurance of Design Quality	Design of the Optimal Design Quality to Meet Customer Needs	Assurance of Manufacturing Quality	Built-in Optimal Design Quality	Assurance of Service Quality

NPI / APQP | Mass Production | RMA / Warranty

- Planning
- Research & Development
- Production Engineering
- Manufacture
- After Service

Promotion of Consistent Quality Assurance Activities

Quality Control System of Design	Quality Control System of Manufacture		Quality Control Evaluation System
• QFD • Critical Characteristics, Special Characteristics • Tolerance Chain Design • FMEA, FTA • Design Validation • Design Review	• Parameter design • Process FMEA • Process Capability Study • Automatic Inspection, • Poka Yoke / Error Proof • Measurement System Analysis	• QA Network • Supplier Quality Management • Production Validation • Control Plan • QC Circles • Production Part Approval Process	• QC diagnosis • Quality assurance Meeting • Quality Auditing Improvement Meeting

Focuslight Manufacturing System (FLMS)

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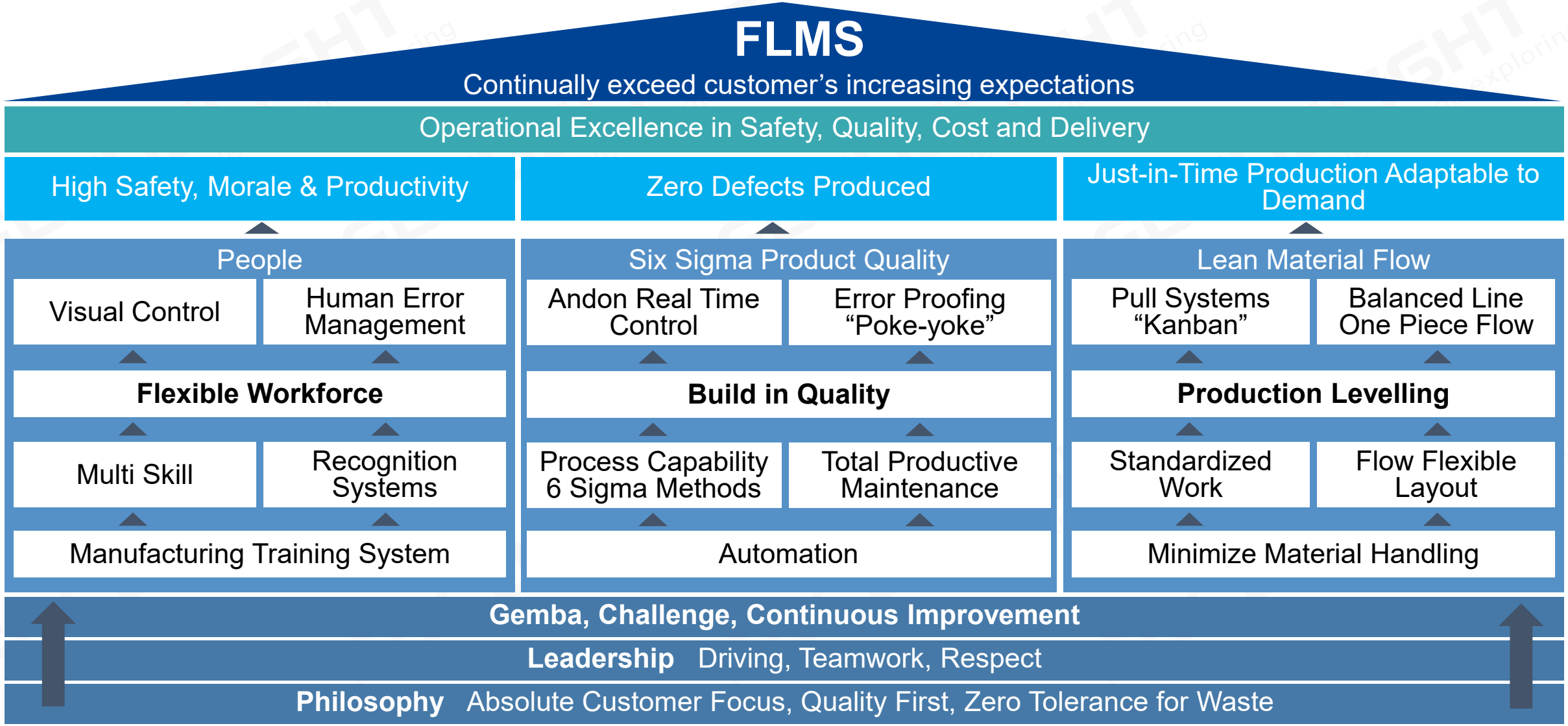
Building Stable, Efficient, and Scalable Production Capabilities



Lean Operation

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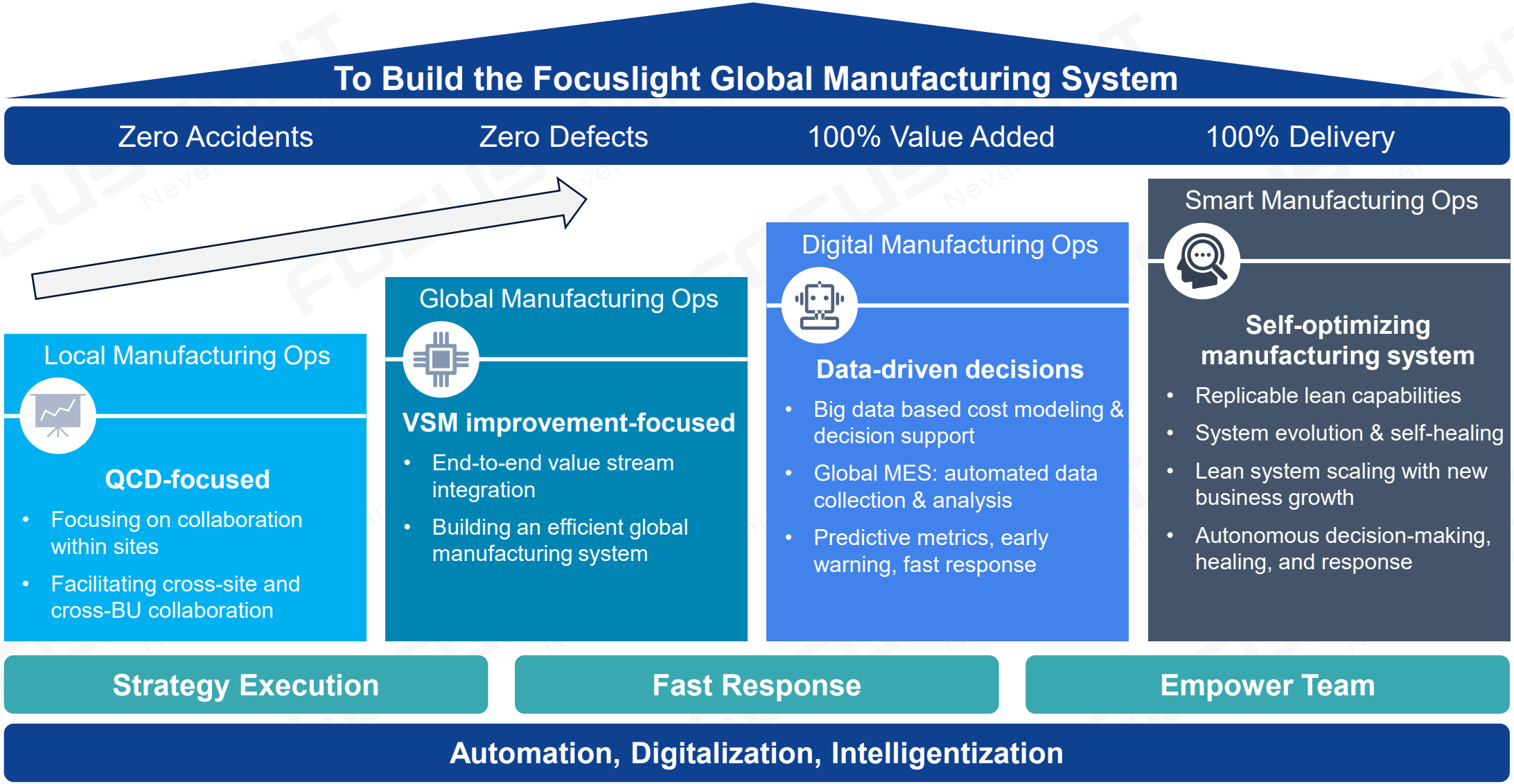

Automation & Smart Manufacturing

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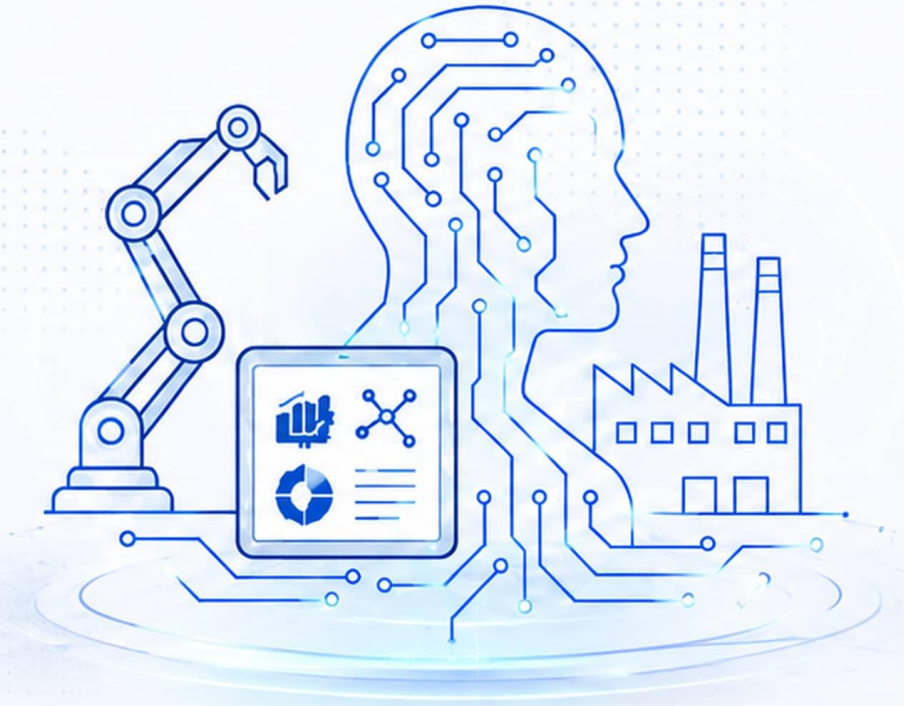
Built on In-House Innovation. Driven by Data. Powered by Execution.



Equipment Interconnection

MES

- Improved efficiency
- Big data enhances quality through visibility

Big Data Boosts Decision

Testing

- AA (Active alignment)
- PA (Passive alignment)

Automation

- AOI (Automated Optical Inspection)
- P&P (Pick & Place)
- CD (Collaborative Development)

Higher Productivity

Significant improvement in output and labor efficiency

Consistent Quality

Stable processes and visibility ensure high product consistency

Manufacturing Flexibility

Rapid changeover and scalable capacity to meet diverse customer needs

Strong Foundation

Proven platforms and data-driven operations for long-term growth

Driving productivity, quality and flexibility through in-house innovation and continuous improvement.

Automation & Smart Manufacturing

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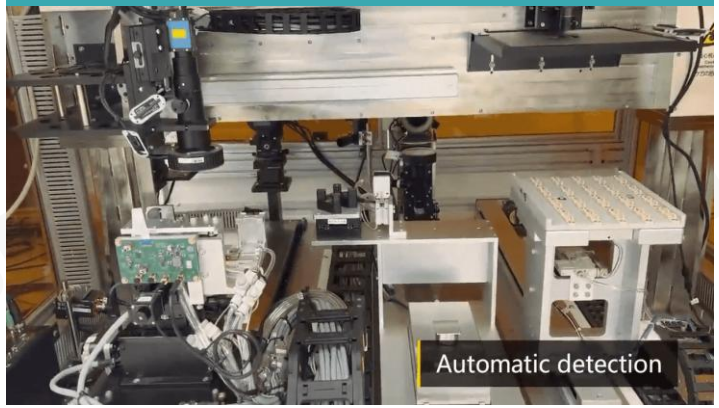
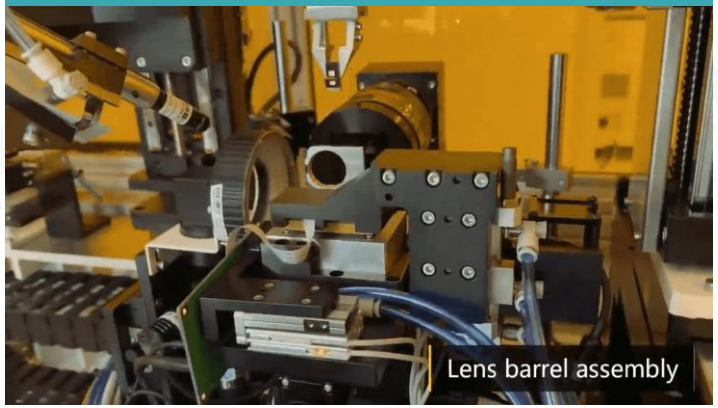
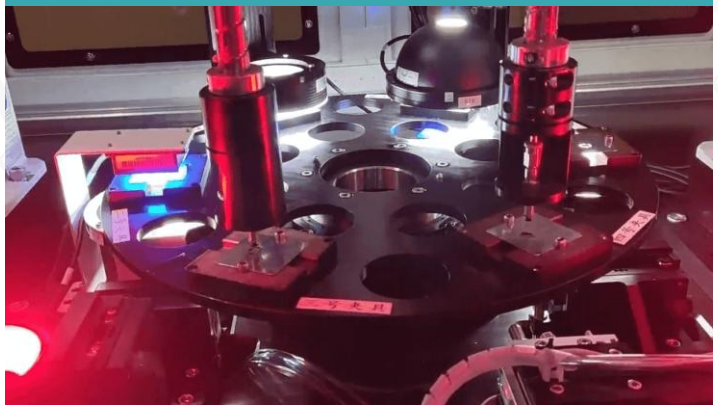
Automatic Optical Alignment



Automatic Assembly



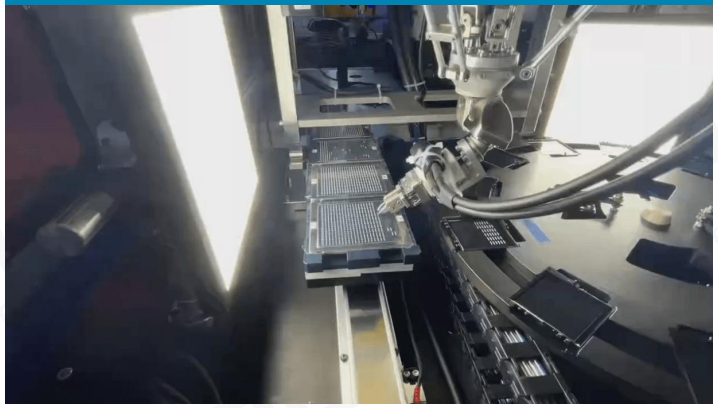
Automated Optical Inspection



Laser Optics Production Line

Laser Module Production Line

Big Data Powered Production



>60% equipment used in manufacturing are developed in-house by Focuslight

Video Link: https://www.focuslight.com/news-events/newslist/focuslight-autonomation-powered-manufacturing-excellence/

Manufacturing Capabilities

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Advanced Materials

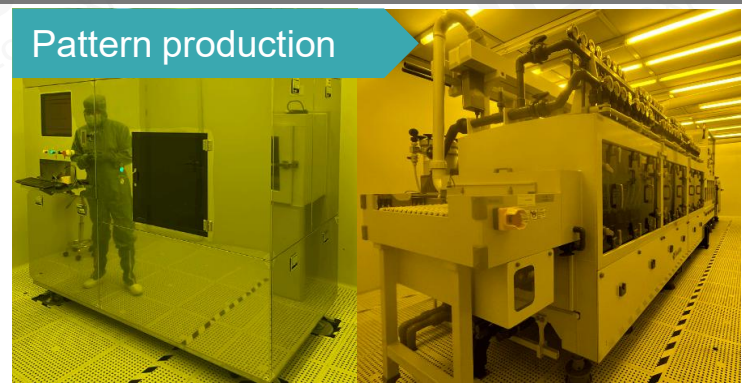
10+ years high-volume manufacturing experiences + self-owned core technologies

DPC production

Etching production

Au plating

Pattern production



Cleaning

AuSn deposition

Laser marking

Dicing

AOI inspection

Annual Manufacturing Capacity: 24M ~ 72M submounts (related with product sizes)

Manufacturing Capabilities

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Laser Sources

Annual Manufacturing Capacity: > 500K diode lasers
Annual Burn-in Capacity: > 600K diode lasers

Manufacturing Capabilities

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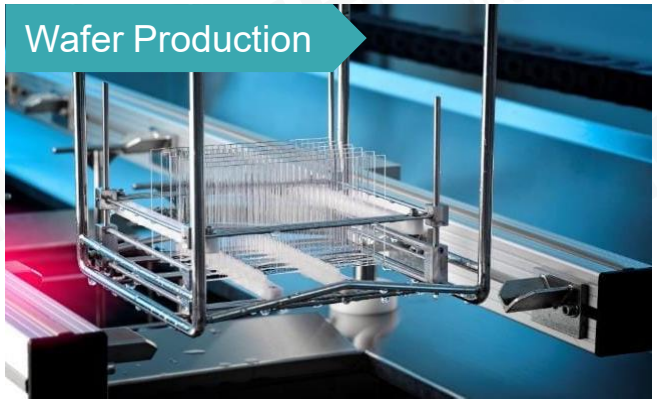
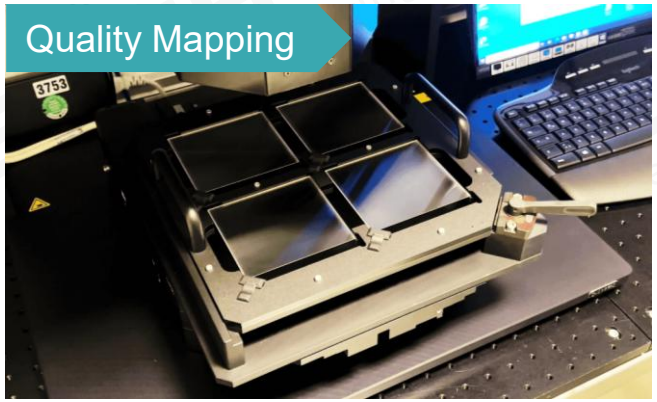
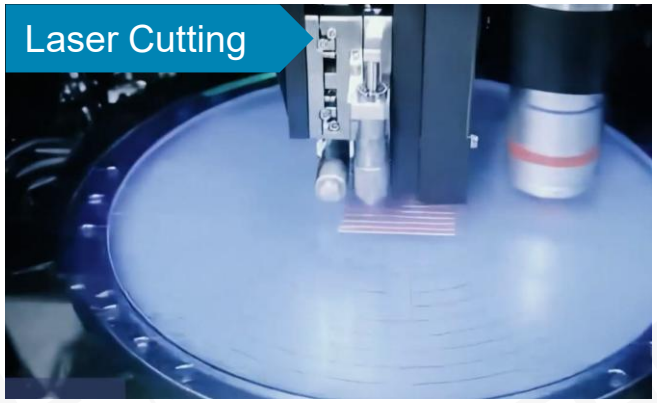
Optical Components: Wafer-Level Simultaneous Structuring Processing







Annual Manufacturing Capacity: > 60M optical lenses (in typical product mix)

Manufacturing Capabilities

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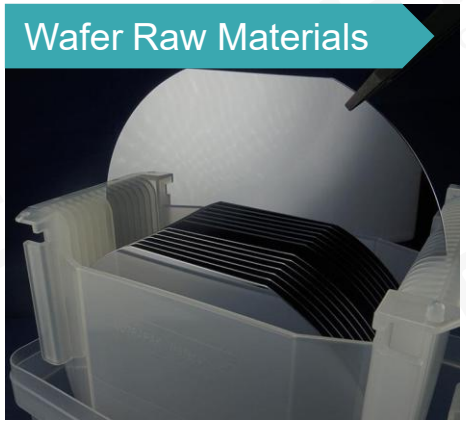
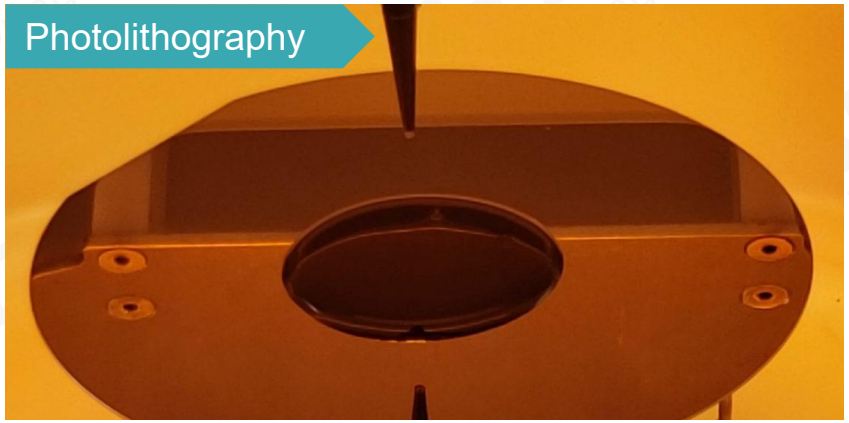
Optical Components: Photolithography-Reactive-Ion-Etching Processing

Wafer Raw Materials

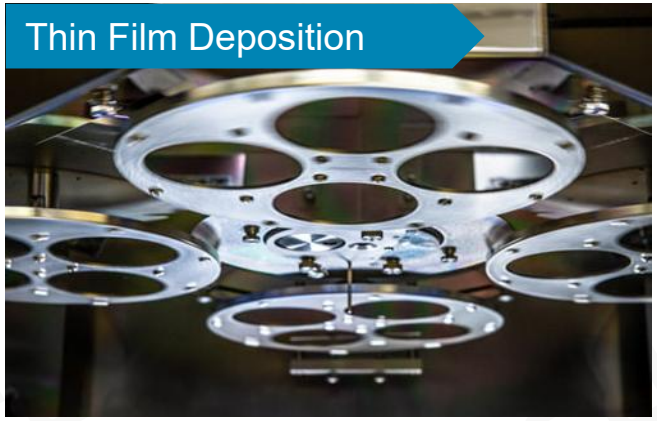


Photolithography

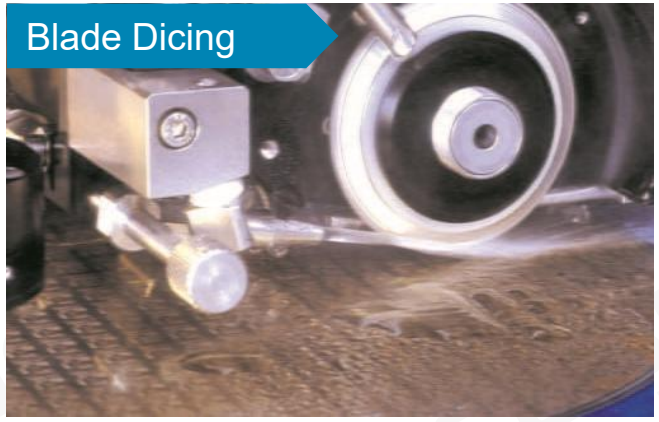


Dry Etching

Thin Film Deposition



Blade Dicing



Pick & Place

Annual Manufacturing Capacity: > 50M optical lenses (in typical product mix)

Manufacturing Capabilities

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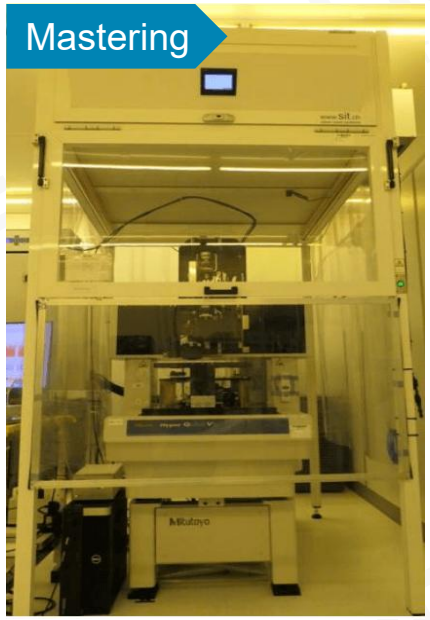
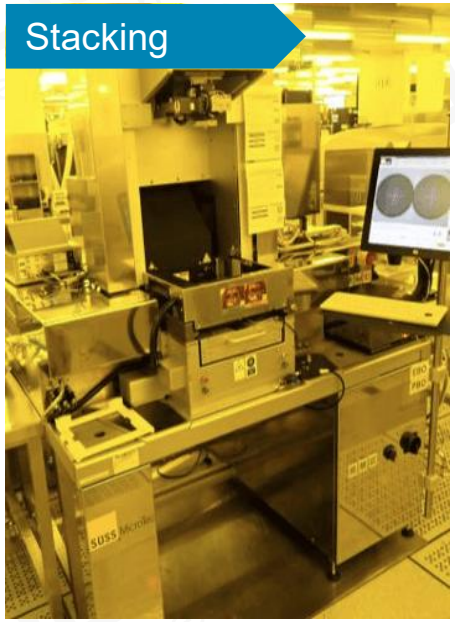
Optical Components: Imprinting Processing

Mastering



Replication

Stacking



Testing

Singulation

Annual Manufacturing Capacity: > 100M optical lenses (in typical product mix)

Manufacturing Capabilities

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Optical Components: Precision Molding

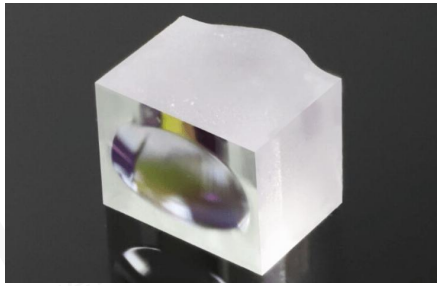
Ultra-precision In-house Mold Making

Pressing / Molding

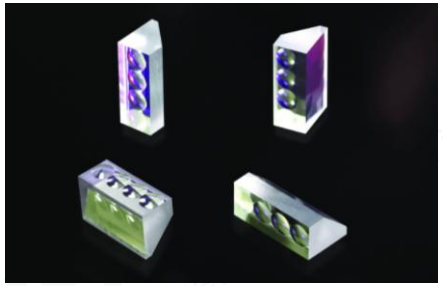
Coating

End Products

Barrel lens



Bi-conic lens



Microprism lens array

Annual Manufacturing Capacity: > 240M optical lenses (in typical product mix)

Manufacturing Capabilities

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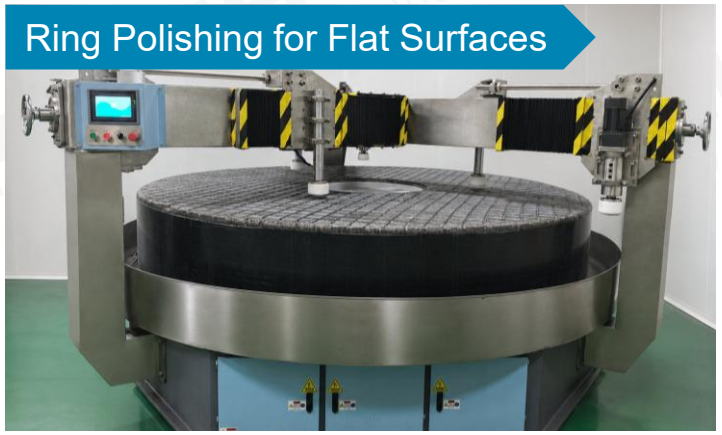
Optical Components: Large Optics Cold Processing

CNC Machining

Ring Polishing for Flat Surfaces

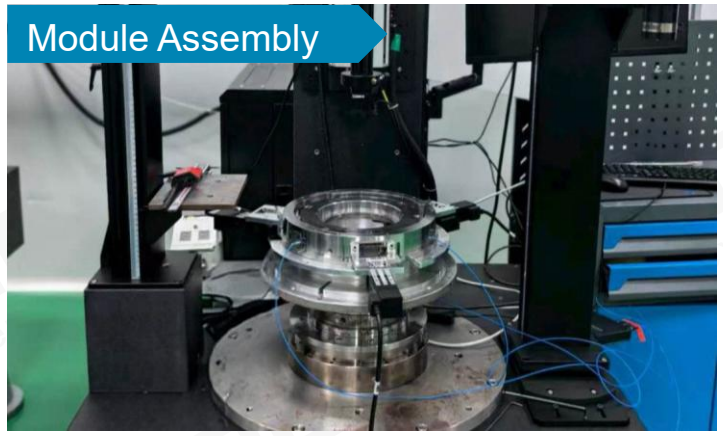


Robotic Polishing

Ion Beam Polishing

Ultrasonic Cleaning

Module Assembly



Annual Manufacturing Capacity: > 20K large optical components over Φ100mm

Typical Applications

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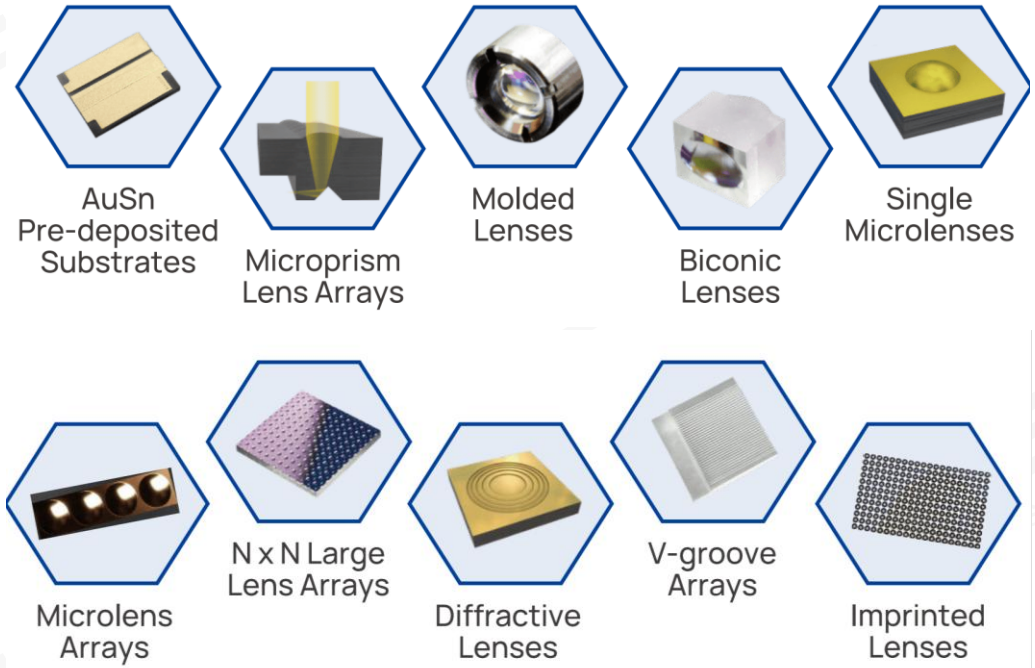
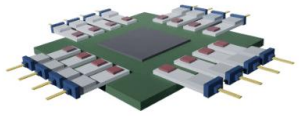
Optical Communication

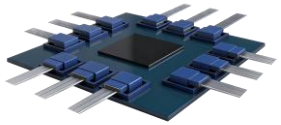
- High precision micro-optics are at the heart of optical communication systems.
- They support efficient data transfer between key optical components.

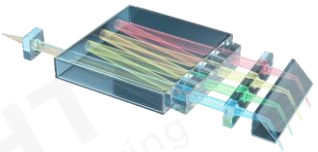


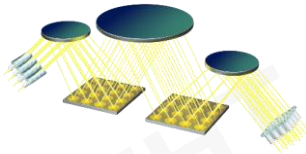

CPO

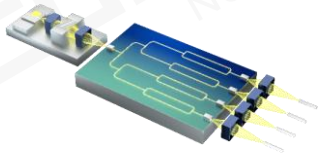

ELSFP

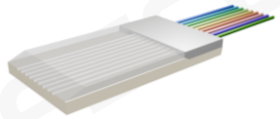

Scale-up Networks

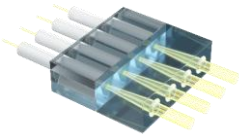

NPO


Optical Transceivers


WSS / OCS


PIC


FAU


Fiber Connectors

Typical Applications

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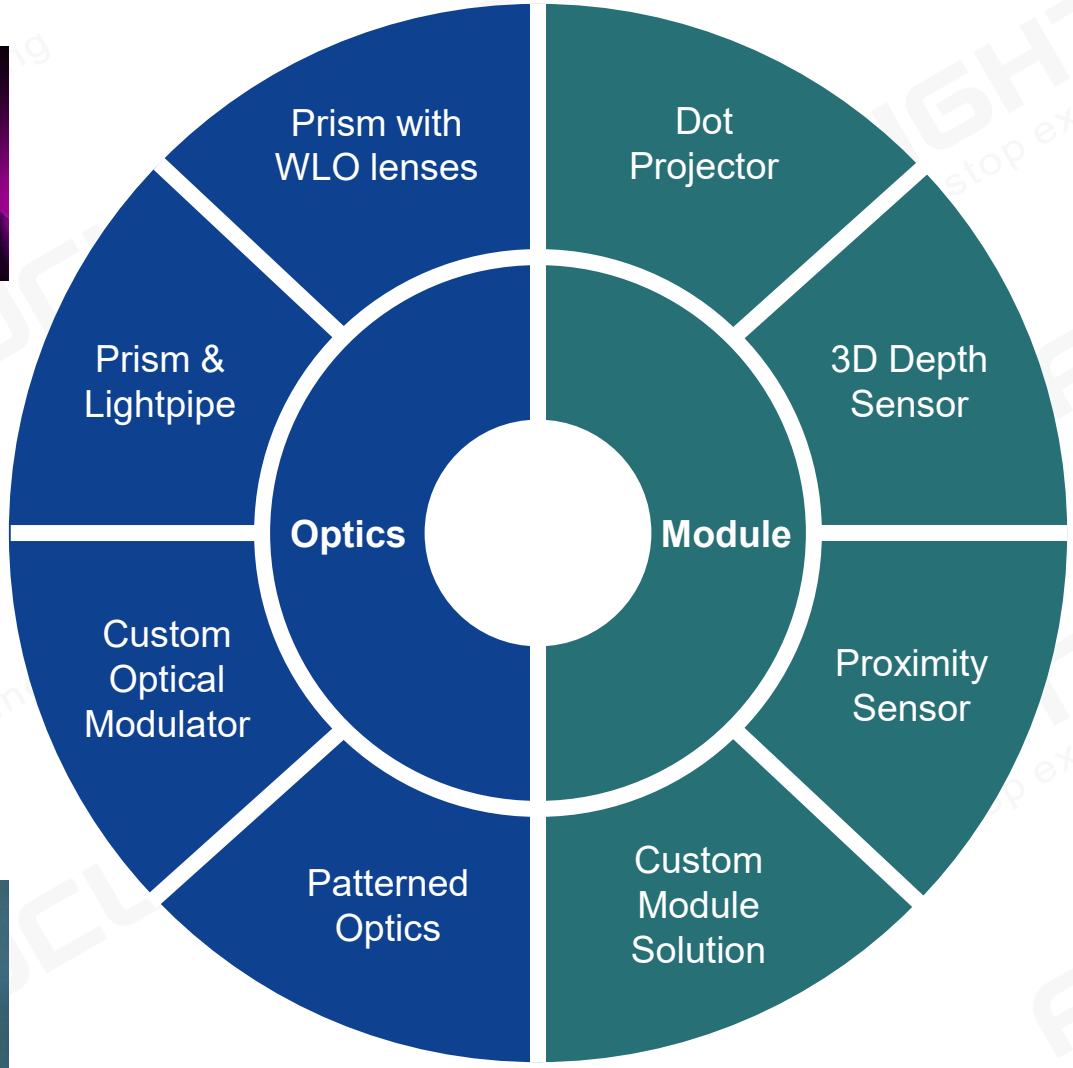
Consumer Electronics



Typical Applications

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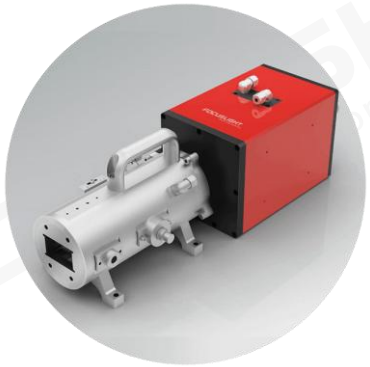
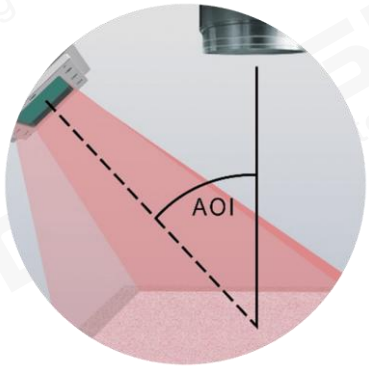
Semiconductor

- Beam homogenization technology powers the illumination system – key optical component in **pan-semiconductor systems**
- > 15 years supply to the major manufacturer of semiconductor lithography tools



- Laser system solutions with high power density and different beam profiles, designed for various **laser-based wafer annealing processes** including IGBT backside annealing and SiC annealing

- Based on 976nm diode laser with adjustable beam output and >95% homogenization in energy distribution
- Ideal for **advanced chip packaging processes**, e.g. laser-assisted bonding



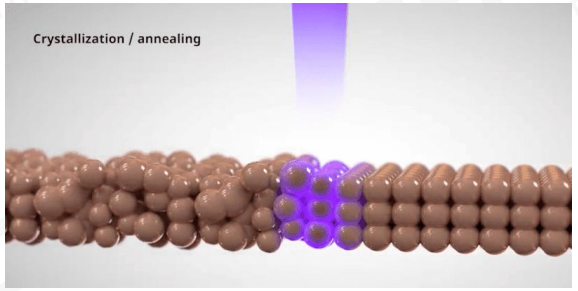
- Off-axis beam shaping technology powers laser surface treatment as well as surface inspection
- Typically used in **solar cell industry**

Typical Applications

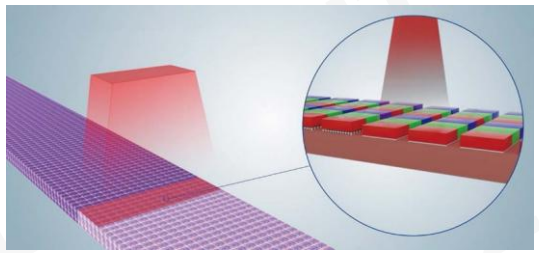
Display Manufacturing

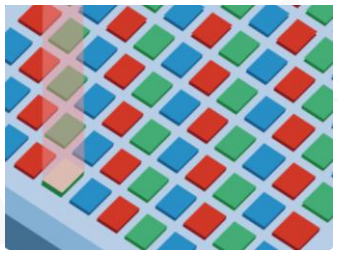
Solid-State Laser Lift-Off (LLO) for Flexible Displays

- Several tens of beam shapers (plasma display pixel structuring)
- Several green 100 mm line beam systems (laser lift-off)
- > 600 mm UV line beam production system (laser lift-off)



Next-gen LTPS Solid-state Laser Annealing Process





Mini and Micro LED Processing

- Laser Mass Transfer and Laser Mass Soldering
- Laser Chip Repair

Typical Applications

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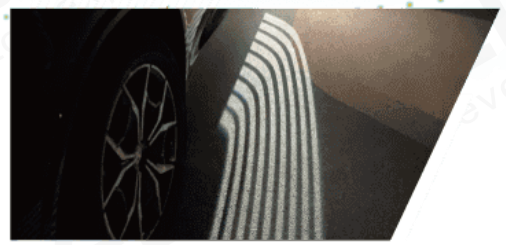
Automotive

LiDAR

Driver Monitoring System

Smart Headlight

AR HUD



Projected Lighting

- Optical Components and Assemblies
- Laser Modules
- *Focuslight does not produce LiDAR / Lighting full system*

Typical Applications

Medical and Health

Hair Removal

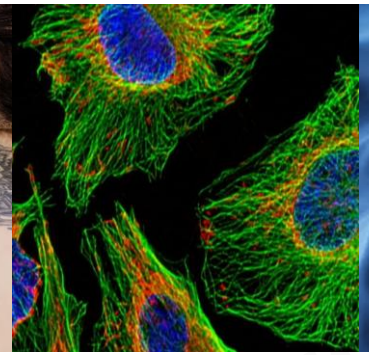
Body Sculpting

Skin Rejuvenation

Ophthalmology

3D Interoral Scanning

Dermatology



Confocal Microscopy

Endoscopy

Sensing

Laser Surgery

- Optical Components; Laser Components
- Optical Solutions; Laser+Optics Assembly; Application Handpiece
- Manufacturing Services
- *Focuslight does not produce medical or health equipment*

Typical Applications

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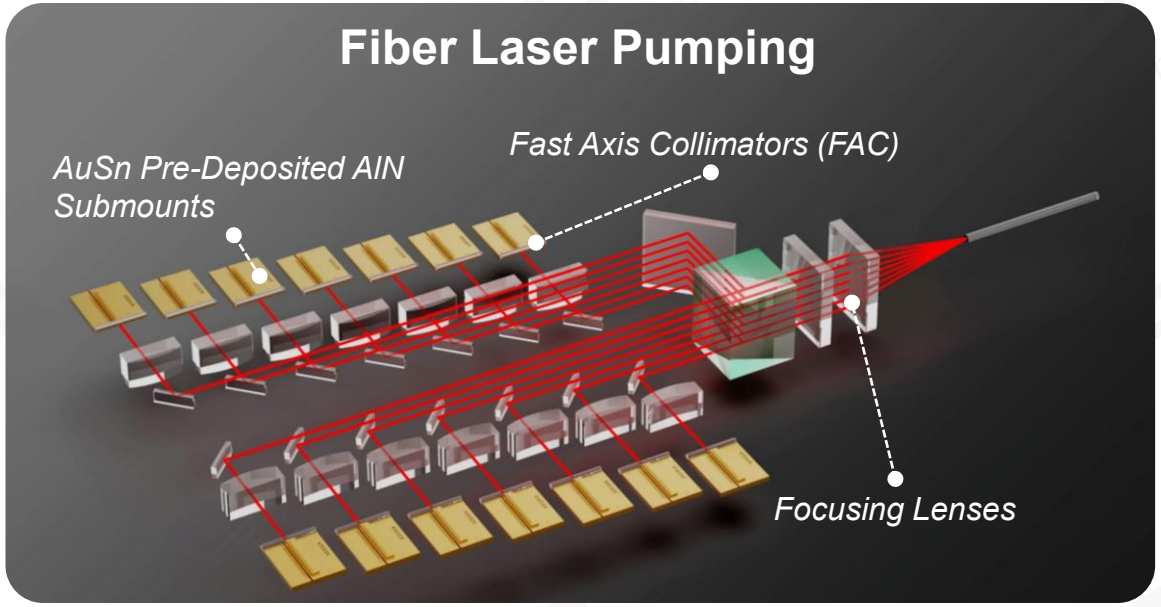
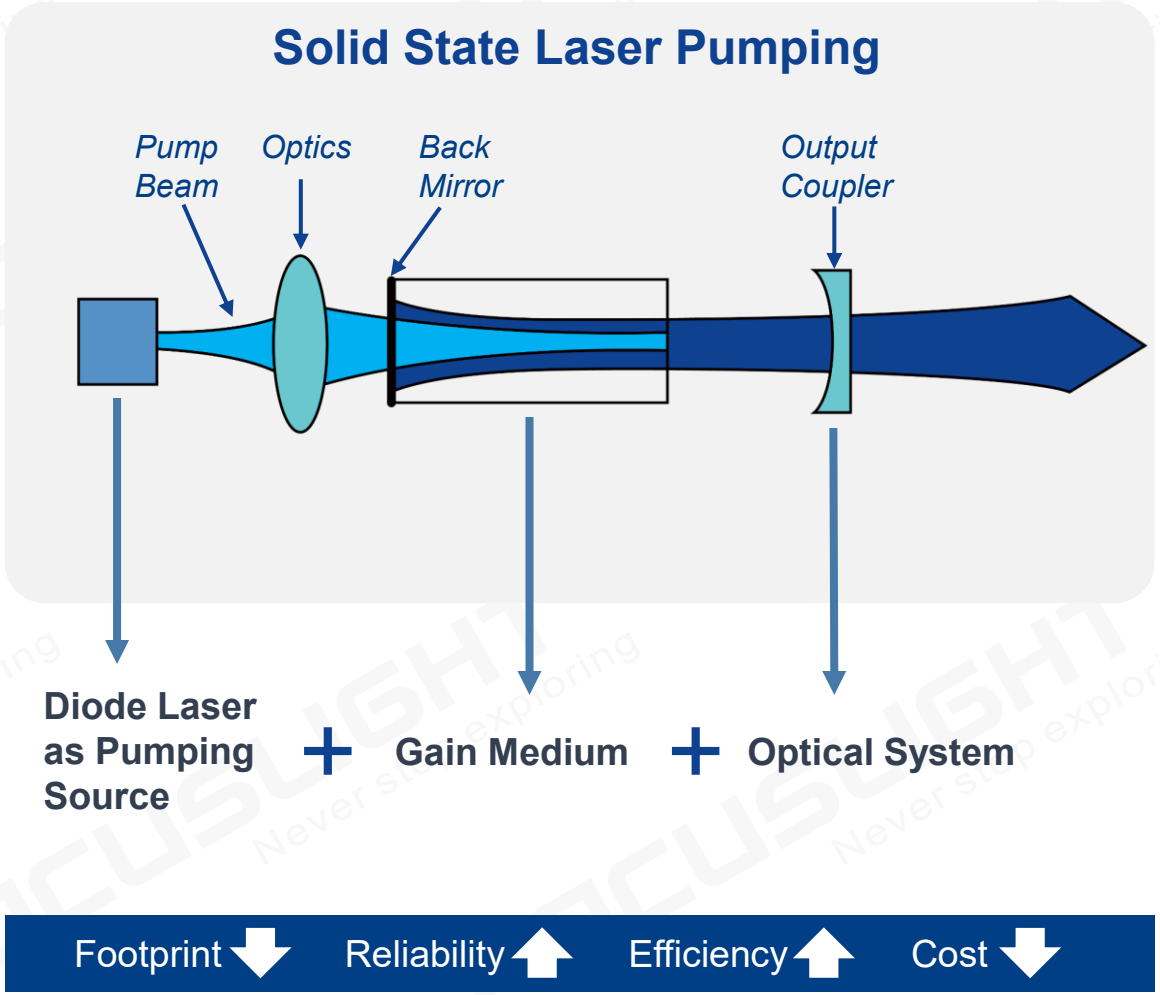
Industrial



- **AuSn pre-deposited submounts** – stable and reliable thanks to the high thermal conductivity and suitable thermal expansion coefficient;
- **Fast axis collimators (FAC)** – fundamental and efficient solutions for shaping the beam emitted by the pumping sources;
- **Focusing lenses** – coupling the collimated laser beam precisely into the output fiber;



Sales Network

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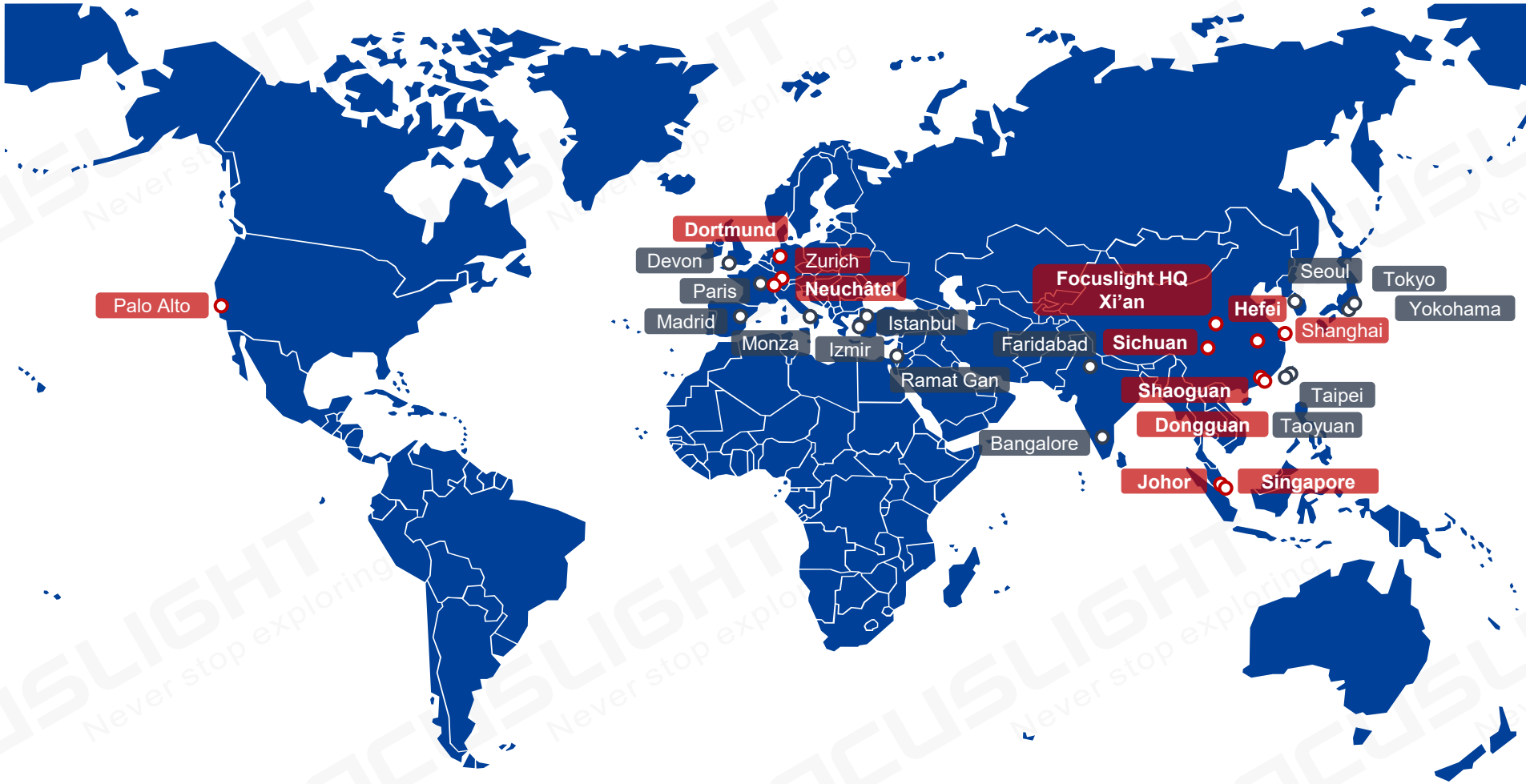

- Worldwide established distributors
- Direct sales offices in China, Switzerland and US
- R&D and operation centers in China, Germany, Switzerland, Singapore; Malaysia operation center being constructed

Six Pillars of Global Supply Chain Resilience

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01 Global Manufacturing Network

- Global manufacturing footprint across Asia and Europe
- Regional capacity flexibility & load balancing
- Cross-site production transfer capability
- Local customer support & rapid response
- In-house manufacturing across key technologies

02 Multi-Source Strategy

- Multi-qualified suppliers for critical materials
- Global supplier sourcing & qualification
- Supply risk diversification across regions
- Qualified alternate supplier readiness
- Strategic supplier partnerships

03 Supplier Excellence Management

- Supplier Quality Management System
- Risk-based supplier audits
- Supplier performance management
- Supplier capability development
- Continuous improvement program

04 Strategic Inventory & Demand Planning

- Integrated demand & supply planning
- Strategic inventory for critical materials
- Long lead-time material management
- Customer forecast collaboration
- Inventory optimization

05 Digital Supply Chain

- End-to-end planning visibility
- Global inventory visibility & tracking
- Real-time demand-supply synchronization
- Digital collaboration platform with suppliers
- Predictive analytics & risk early warning

06 Business Continuity Management

- Enterprise supply chain risk management
- Business continuity & contingency planning
- Critical product recovery strategy
- Global crisis response coordination
- Supply disruption simulation & preparedness

Building a resilient, flexible and sustainable global supply network

Summary

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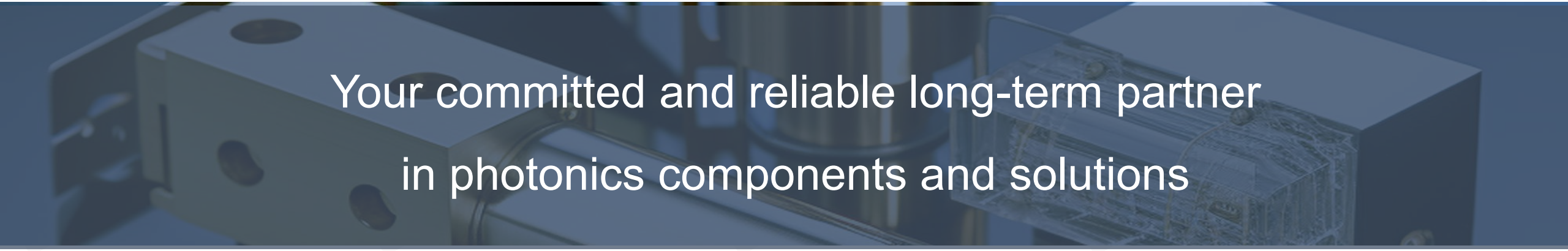

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- Diode laser light source leader and beam shaping expert with strong IP position
- One-stop-shop of optical components choosing from multiple process technologies best matching customer needs
- Global photonics foundry that convert customers' ideas and designs into their own products and solutions
- Total solution, versatile customization service and field service provider
- Strong RDE capability, high volume production capacity and low-cost manufacturing
- Financially healthy and strong financial backing from investors for long term growth

THANK YOU

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