

# Focuslight Corporate Overview

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2025-01

# Focuslight Overview

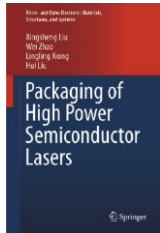
- Founded in 2007 by Dr. Victor X. Liu, headquartered in Xi'an, China.
- A fast-growing company that develops and manufactures:
  - **High-power diode laser components and materials** (Photon Generation)
  - **Laser optics components** (Photon Control)
  - **Photonics module and system solutions** (Application Solutions) focusing on optical communication, automotive, pan-semiconductor, and medical and health 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).



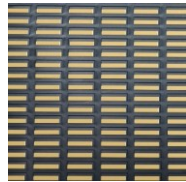
# Milestones



**2007**  
Founding of Focuslight



**2013**  
World's first monograph on packaging of HPDL published



**2017**  
Technology breakthrough of gold-tin film deposition



**2018**  
UV-L750 Ultraviolet Line Laser System won Prism Award



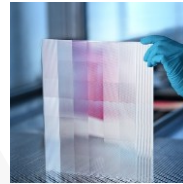
**2017**  
Acquisition of LIMO; Started providing photon control and photonics application solutions



**2019**  
Automotive LiDAR transmitter project awarded from international Tier 1



**2018**  
Dongguan delivery and high-volume manufacturing center officially in operation



**2019**  
Production of micro-optics on world's largest glass wafer (300 x 300 mm<sup>2</sup>)



**2019**  
Global branding identity upgrade



**2023**  
Line Beam LiDAR Transmitter Module awarded nomination from European Tier 1



**2021**  
Successful IPO at Shanghai Stock Market

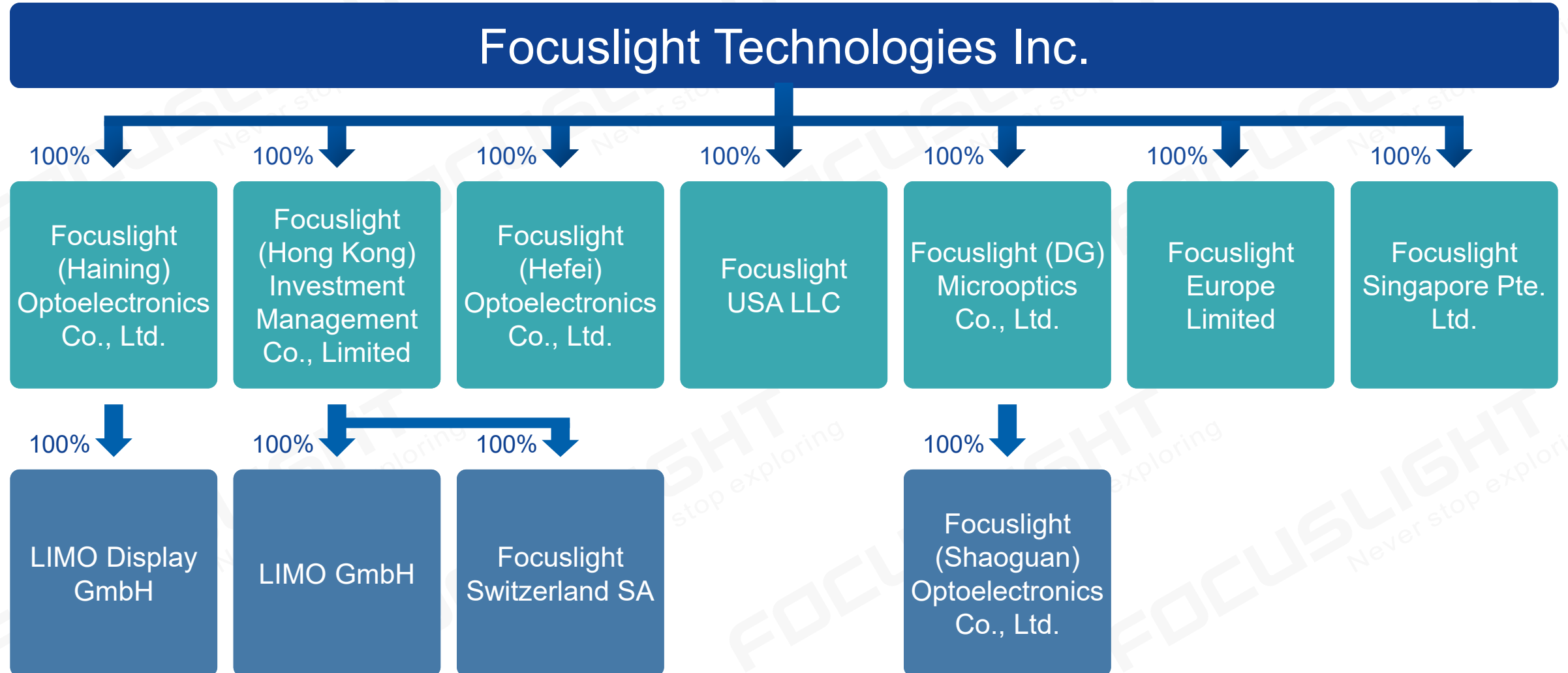


**2024**  
Acquisition of SUSS MicroOptics



**2024**  
Acquisition of ams OSRAM's optical component assets; Adopt Heptagon brand for global photonics foundry services

# Focuslight Corporate and Subsidiaries



# Focuslight Global Operations System

Leverage the strengths and capabilities of each location to **cater to specific customer demands** and **optimize operational efficiency**.

Through centralized decision-making, integrated operations, and lean management, a **high-efficiency, low-cost global operations system** is established.



**Neuchâtel, Switzerland**  
Operations Center



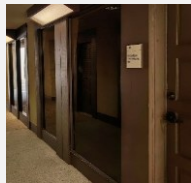
**Dortmund, Germany**  
Operations Center



**Xi'an, China**  
Focuslight HQ, Operations Center



**Haining, China**  
**Hefei, China**  
Operations Center  
(being constructed)



**Silicon Valley, USA**  
Innovation Lab



**Zurich, Switzerland**  
R&D Office



**Ang Mo Kio (AMK), Singapore**  
Operations Center  
Business Center

**Other Southeast Asian regions**  
(to be decided)  
Photonics Foundry



**Shaoguan, China**  
Operations Center



**Dongguan, China**  
Operations Center

# Key Facts & Figures



Employees

>900



Yearly Revenue Proportion  
Invested into R&D

~16%



Last Year (2023)  
Revenue

**561M** RMB



Patents Valid  
Worldwide

>610



Facility Worldwide

>48,000m<sup>2</sup>



Clean Room Worldwide

>14,000m<sup>2</sup>
















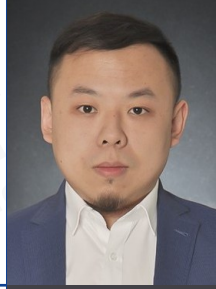













ISO 9001  
ISO 14001  
ISO 45001  
IATF 16949  
Certified

# Corporate Management Team

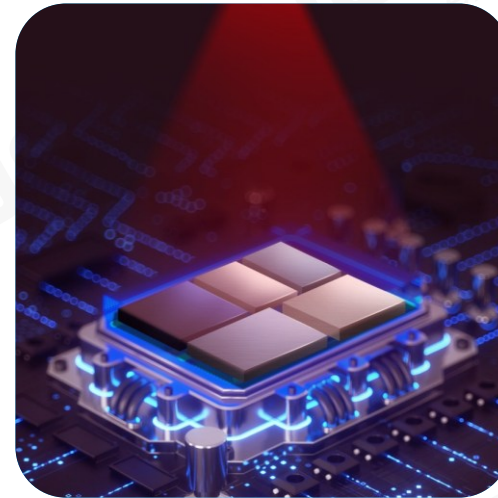
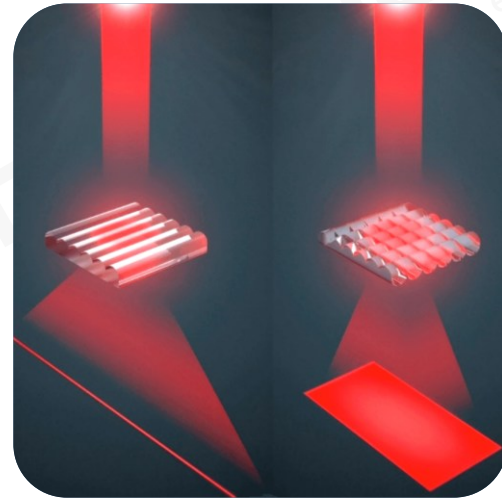
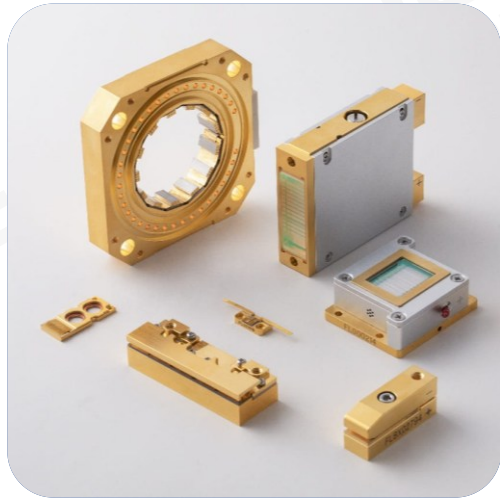
 <p><b>Dr. Xingsheng Liu (Victor)</b> Chairman, CEO</p> <p>Research and management experience in the US, with 100+ publications, 300+ patents, 30+ invited papers internationally</p> <p>Committee Member of SPIE and IEEE</p> <p><b>CORNING</b> <b>COHERENT</b> <b>nLIGHT</b></p>	 <p><b>Dr. Chung-En Zah</b> CTO</p> <p>30+ years of research experience in the US, with 300+ publications, 50+ patents in optoelectronics and telecommunication</p> <p>IEEE Fellow, OSA Fellow, 2x R&amp;D 100 award winner</p> <p><b>THORLABS</b> <b>CORNING</b> <b>Bellcore</b> <small>Communications Research</small></p>	 <p><b>Dr. Reinhard Voelkel</b> Chief Strategy Officer</p> <p>35+ years of professional experience in the field of micro-optics, with expertise in strategic leadership, business development, and innovation</p> <p><b>SUSS</b> MicroOptics <b>unine</b> <small>Universität de Neuchâtel</small> <b>FAU</b> <small>FRIEDRICH-ALEXANDER UNIVERSITÄT ERLANGEN-NÜRNBERG</small> <b>Sand Hill Angels</b></p>
 <p><b>Mr. Sinclair Vass</b> Corporate SVP of International Sales &amp; Business Development</p> <p>35+ years experience in international photonics markets, having held technical, commercial and general management leadership roles at major multinational companies</p> <p><b>Velodyne</b> <b>JDSU</b> <b>Lucent Technologies</b> <small>Bell Labs innovations</small> <b>hp</b></p>	 <p><b>Mr. Guowei Zhu (Gavin)</b> Corporate VP of Quality, President of Automotive BU</p> <p>20+ years in international automotive companies, rich experience in IATF QMS and plant operations management by World Class Manufacturing (WCM) &amp; Lean manufacturing</p> <p><b>MAGNETI MARELLI</b> <b>BorgWarner</b> <b>GST</b> <small>SEYON AUTOLEATHER</small></p>	 <p><b>Mr. Tan Chee Huo (Michael)</b> Corporate SVP of Business Process and IT</p> <p>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</p> <p><b>NOKIA</b> <b>ThermoFisher</b> <small>SCIENTIFIC</small> <b>Tupperware</b> <b>EVIDENT</b></p>
 <p><b>Mr. Ye Dai (Robert)</b> Corporate VP of Global Sales</p> <p>Excellent track record in worldwide sales, product line and business unit management leadership roles</p> <p>20+ patents granted</p> <p><b>IVO</b> <b>APPLIED MATERIALS</b></p>	 <p><b>Ms. Yiping Ye (Alison)</b> Board Director, CFO</p> <p>Over 15 years management experience and multi-field business practices</p> <p>In-depth understanding in LTC, IPD, intercultural cooperation and rich operational experience in market development, project operation and business management</p> <p><b>HUAWEI</b> <b>Hanergy</b> <small>汉能</small></p>	 <p><b>Mr. Qichuan Yu</b> Chief Product/Process Officer</p> <p>Over 25 years of experience in wafer-level optics, optical sensor and camera packaging, SAW/BAW filter R&amp;D, and NPD execution, with a strong focus on mastering, tooling, and wafer-level processes</p> <p><b>amul</b> <b>OSRAM</b> <b>HEPTAGON</b> <b>EPCOS</b></p>

# Corporate Management Team

	<p><b>Ms. Xuefeng Zhang (Jennifer)</b> Board Secretary, Marketing Director</p> <p>14 years photonics industry international business experience</p> <p>In-depth understanding and rich experience in sales, marketing and business development</p> <p> </p>		<p><b>Mr. Jian Zhang (Lucas)</b> Director of Global Operations Centers</p> <p>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</p> <p>  </p>
	<p><b>Mr. Jinchao Qu</b> President of Diode Laser BU, President of Medical &amp; Health BU</p> <p>Extensive years of product marketing and sales management experience</p> <p>Outstanding track record in previous roles as Asia Sales Director and Head of the Application Systems Special Task Force</p> <p> </p>		<p><b>Mr. Dirk Walter Bogs</b> President of Laser Optics BU</p> <p>Over 25 years' experience in ultra-precision tooling, optic manufacturing, engineering &amp; project management, and operational management</p> <p>Very deep knowledge of technology development and optimization</p> <p> <small>A Focuslight Company</small></p>
	<p><b>Mr. Yong Tian (York)</b> VP of Laser Optics BU</p> <p>20+ years of operation &amp; R&amp;D management, very deep knowledge with organic optical materials and optical coating technology, published SCI articles and owns patented technologies</p> <p>Experienced in Lean Manufacturing &amp; Industry 4.0</p> <p> </p>		<p><b>Mr. Weiyi Gu</b> President of Pan-Semiconductor Solutions BU</p> <p>12 years experience in photonics R&amp;D and product management, with rich track records of leaderships in developing and delivering system solutions for pan-semiconductor and industrial applications</p> <p> <small>Never stop exploring</small></p>
	<p><b>Dr. Tobias Senn</b> Vice President of Strategic Growth Division</p> <p>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</p> <p>    <small>Helmholtz Zentrum Berlin</small></p>		<p><b>Mr. Hongyuan Liu (Tom)</b> President of Global Photonics Foundry BU</p> <p>20+ years in R&amp;D and operations management, specializing in optical imaging and non-imaging system design, WLO process &amp; integration, and optical component manufacturing. Proven track record in new product development and scaling high-volume production</p> <p>   </p>



# Products and Businesses



Photon  
Generation



Photon  
Control

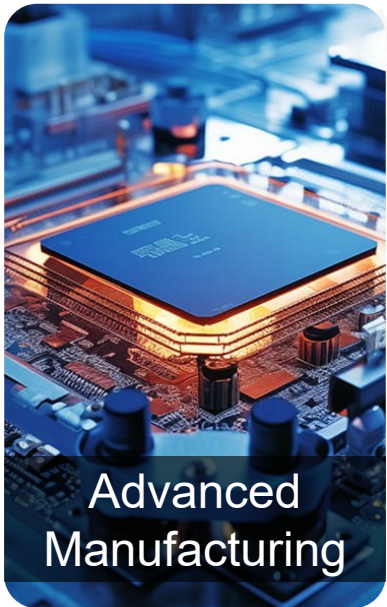


Photonics  
Application  
Solutions



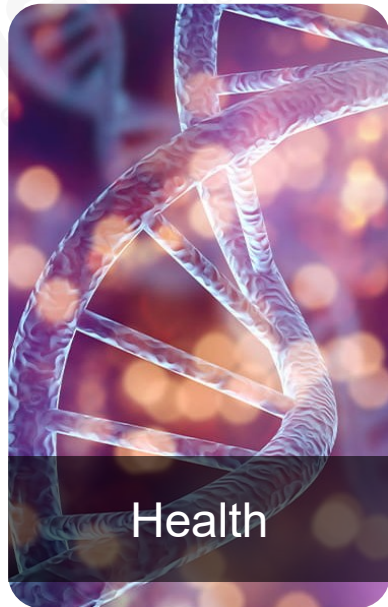
Global  
Photonics  
Foundry

# Markets



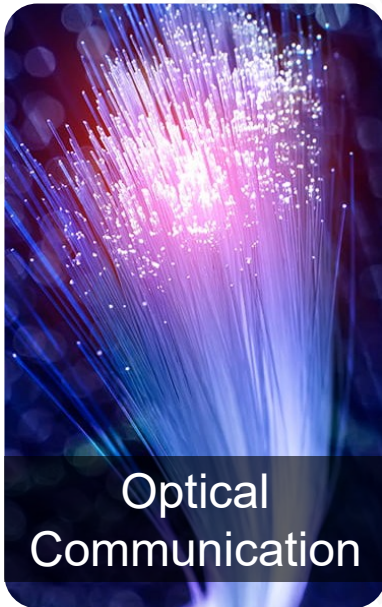
Advanced  
Manufacturing

64%  
revenue



Health

12%  
revenue



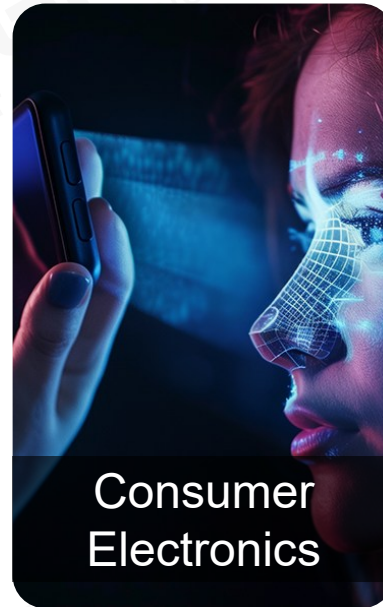
Optical  
Communication

4%  
revenue



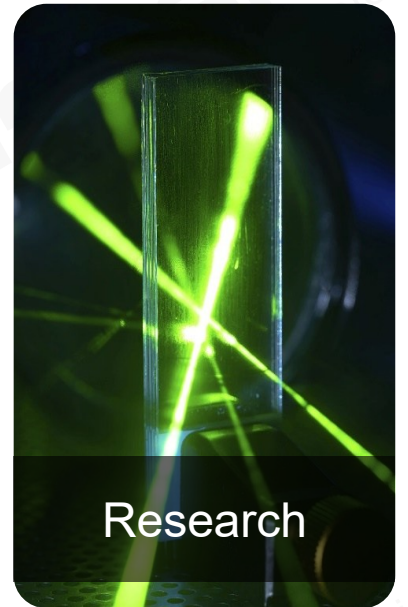
Automotive

15%  
revenue



Consumer  
Electronics

1%  
revenue



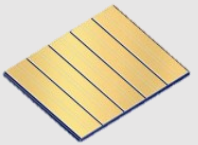


Research




4%  
revenue


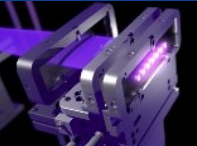

*\* Based on accumulated revenue data from 2024 Q1 – Q3*




# Value Proposition



	<b>Chips</b> (Strategic collaboration with Suppliers)
	<b>Packaging Materials</b>
	<b>Optics Substrate</b>

	<b>Light Sources</b>
	<b>Optical Components</b>
	<b>Fiber Coupled Modules</b>

	<b>Laser Subsystems</b>
	<b>Optical Subsystems</b>
	<b>Integrated Modules</b>

	<b>Application Centers</b>
	<b>Technical Support</b>
	<b>Field Service Centers</b>

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



## 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 need customer to commit market
- Willing to take investment risk in R&D and capital including M&A for customer on the condition of customer commitment of market share
- Collaboration transparency, fast response, IP protection and long-term partnership



## What we don't do

Take high market risk

Being greedy

Being too aggressive

Compete against customers

**Vision**

**FOCUSLIGHT**  
Never stop exploring

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



# Mission

**FOCUSLIGHT**  
Never stop exploring



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

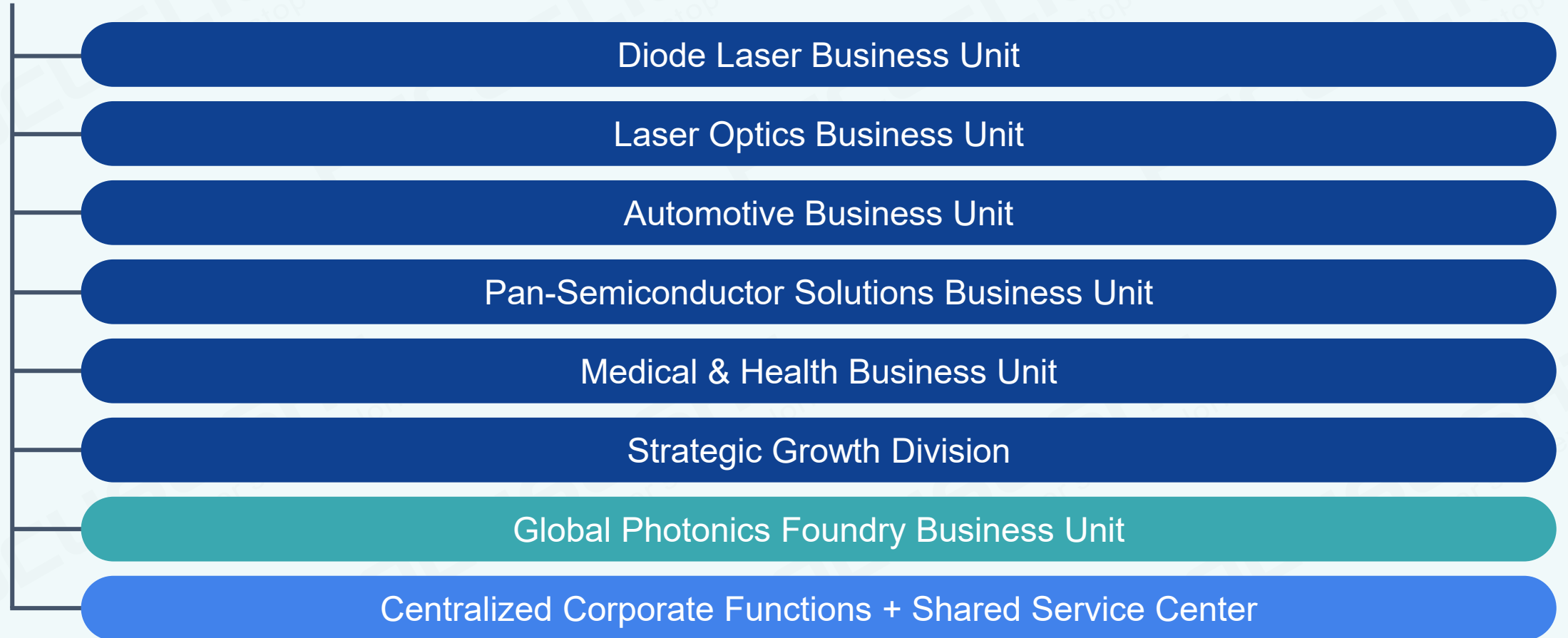
**FOCUSLIGHT**  
Never stop exploring

All Focuslight-designed products and business lines will be marketed globally under the Focuslight brand to streamline operations and create synergies.

 **HEPTAGON**

Foundry services that convert customers' ideas and designs into their own products and solutions will be marketed under the Heptagon brand.

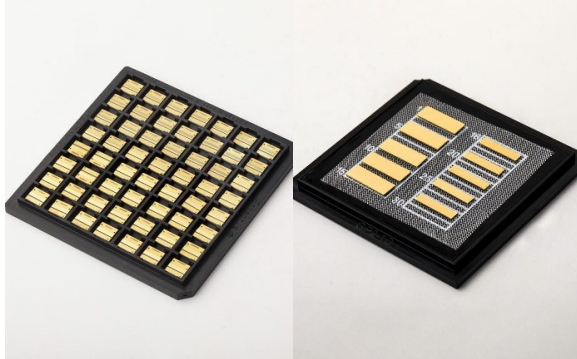
## Focuslight Technologies





# Products - Diode Laser Components

Under Focuslight Brand



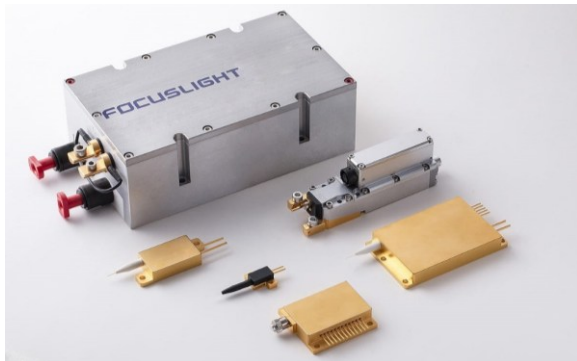
## Advanced Materials

- AuSn Pre-Deposited AlN Ceramic Submounts
- AuSn Pre-Deposited CuW Submounts
- Thin Film Metallization Service



## Active Devices

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



## Fiber Coupled Modules

- Emitter-Based FCM
- Bar-Based FCM



## Professional Medical Application Components

- Laser Hair Removal Engines

# Products - Laser Optics Components

Under Focuslight Brand

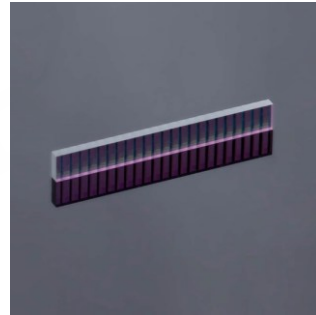
## Single Lenses and Linear Lens Arrays



FAC



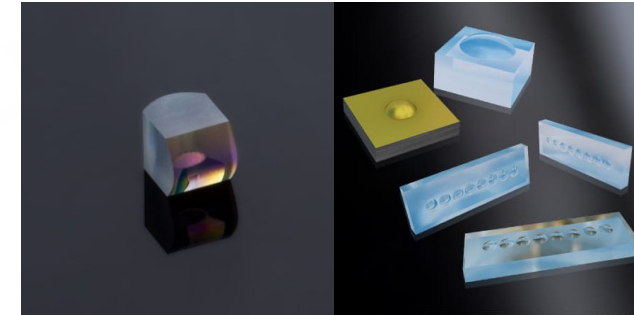
SAC



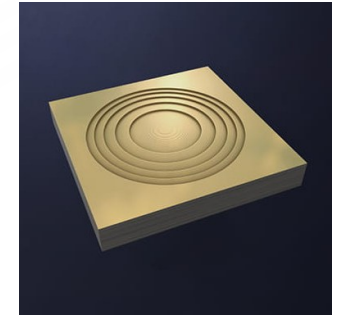
SAC array



BTS

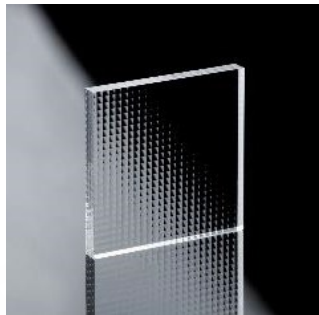


Fiber coupler and collimator

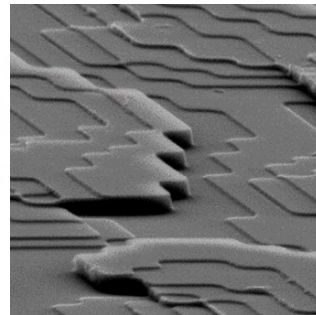


Collimating DOE

## Area Lens Arrays



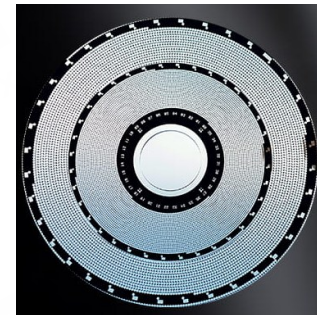
Homogenizer and diffuser



DOE beam splitter, dot or line generator



Shack-Hartmann array

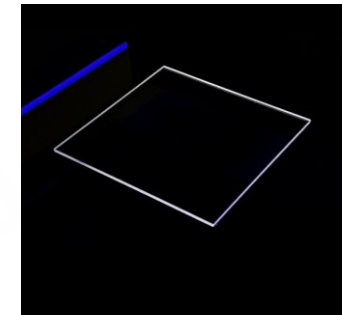


Pinhole array

## Plano Optics and Coatings



Micro prism



Window

# Products - Automotive Application Solutions

Under Focuslight Brand

## Flash LiDAR Transmitter Modules

**AX02 Pro** (Engineering Sample)



VCSEL Flash Transmitter 700W

## Line Beam LiDAR Transmitter Modules

**LE02 Pro** (Engineering Sample)



905nm 700W EEL  
Line Beam Transmitter

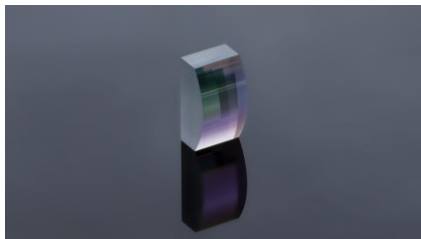
**LX02** (Engineering Sample)



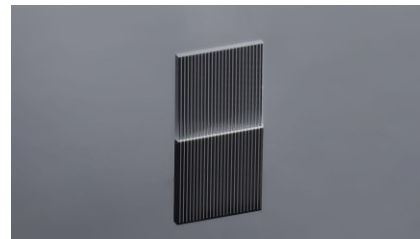
VCSEL Line Transmitter 1000W

## Optical Components and Assemblies for Automotive

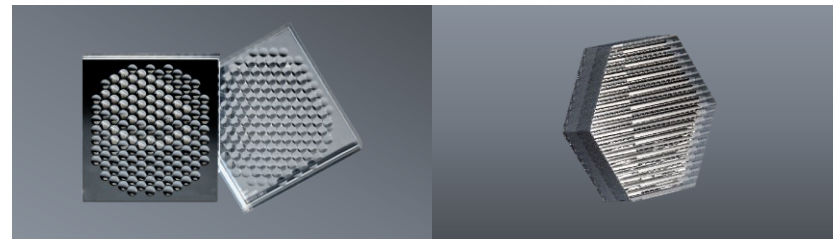
EEL FAC Collimators



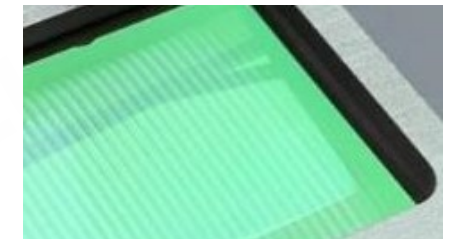
Auto-grade Diffusers and Homogenizers



Optics for Automotive Projected Lighting and Headlight



Customized Optical Assemblies



# Products - Pan-Semiconductor Application Solutions

Under Focuslight Brand

## Advanced Display Manufacturing Solutions



Solid-State Laser Lift-Off (LLO) System

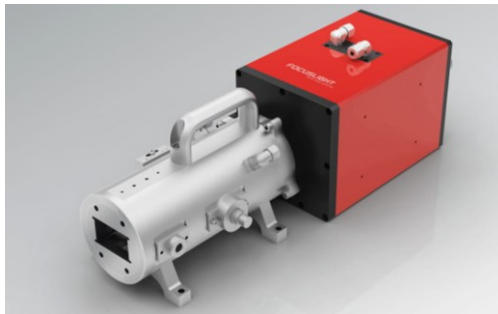


Solid-State Laser Annealing (SLA) System



Variable Beam Laser System  
(Mini and Micro LED Processing)

## IC Manufacturing Processing



IC Wafer Annealing System

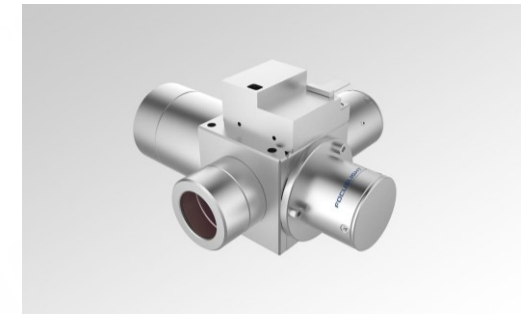


Variable Beam Laser System  
(Advanced Chip Packaging)

## Industrial Solutions



IR Line System



Industrial Laser Module

# Products - Medical and Health Application Solutions

Under Focuslight Brand

**Laser Hair Removal  
Modules**



**Laser Skin Rejuvenation  
Modules**



**Laser Body Sculpting  
Modules**

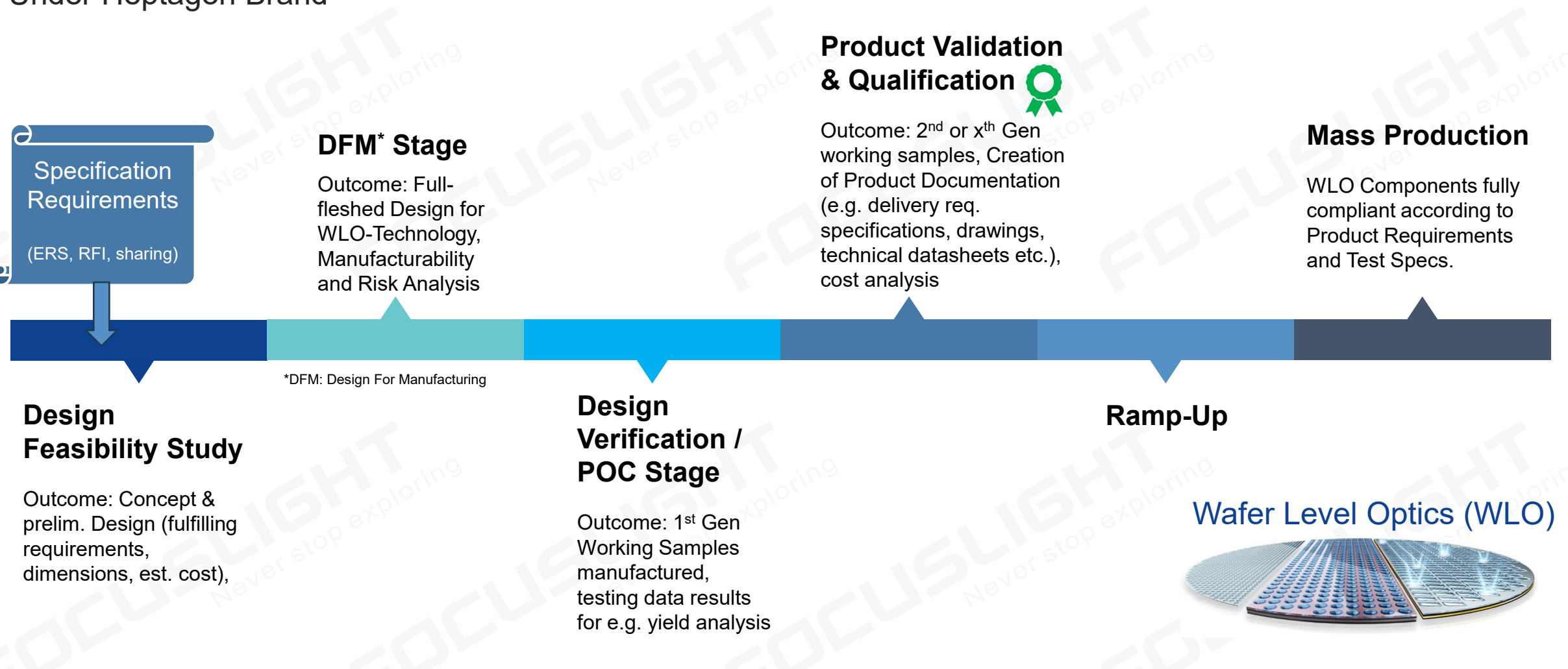


**Diode Laser Drivers**



# Global Photonics Foundry Services

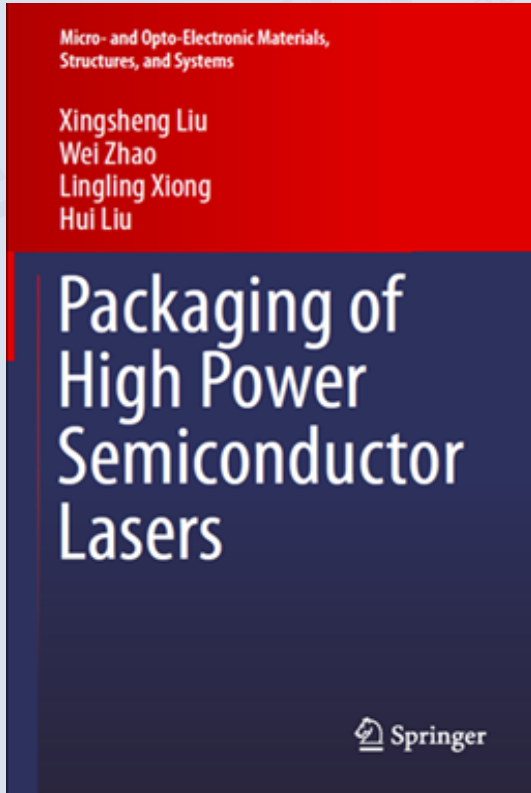
Under Heptagon Brand



Work with Us – From Concept to Mass Production

# Core Competence

## Diode Laser



### Eutectic Bonding

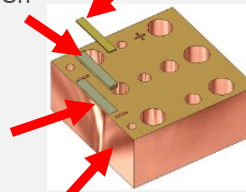
High Reliability

Carrier with Pre-deposited AuSn solder layer

Bar

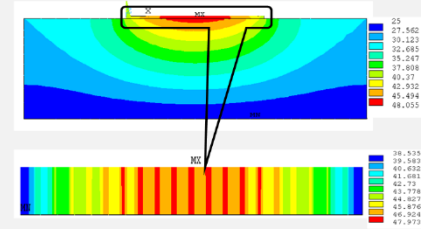
Solder

Heatsink

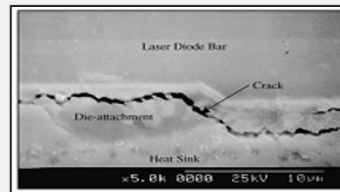


### Thermal Management

Finite Element Thermal Analysis and Design

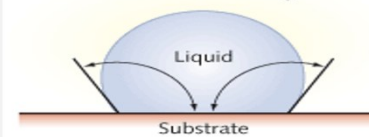


### Thermal Stress Control

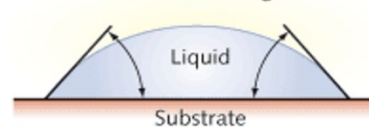


### Interface Materials and Surface Engineering

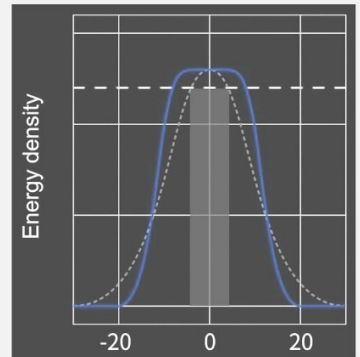
Solder nonwetting



Solder wetting



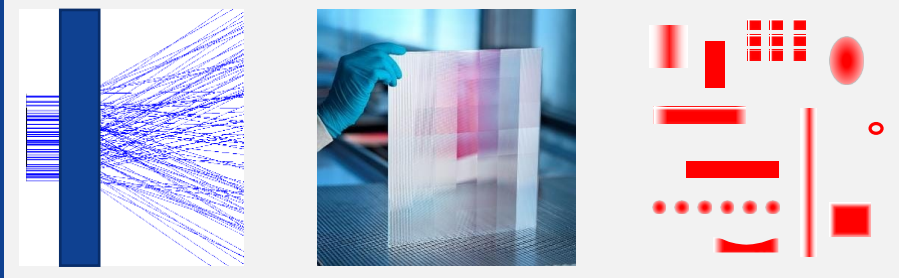
### Test, Analysis and Diagnosis



# Core Competence

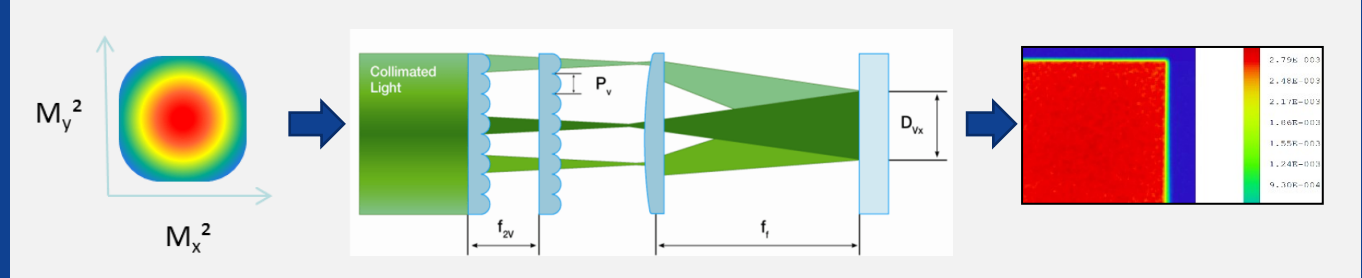
Beam Shaping – *The Right Photon at the Right Place and Time!*

## Micro Optics Design and Simulation



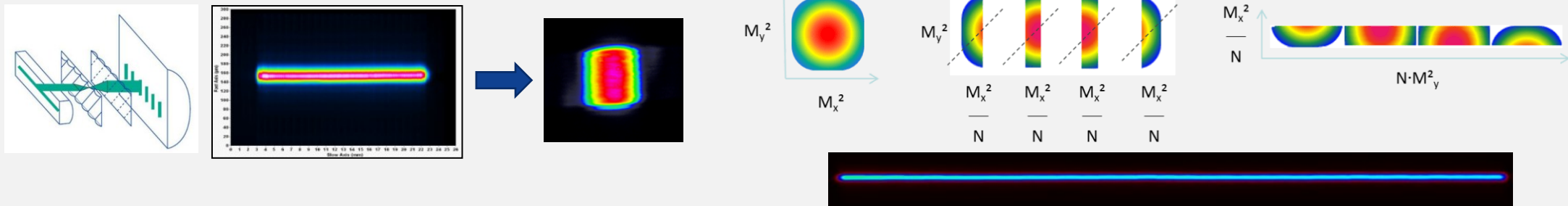
Acylindrical free-form micro-optics / arrays / diffusers / DOE splitters / beam shaping systems

## Homogenization



Uniform and homogeneous illumination in any desired shape

## Beam Transformation



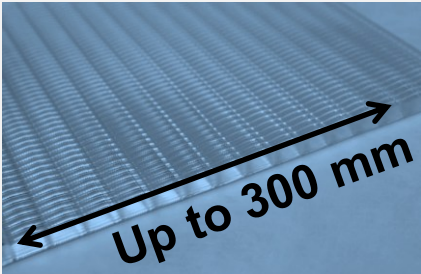
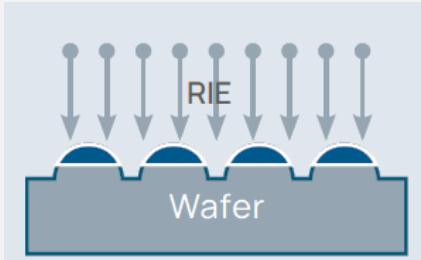


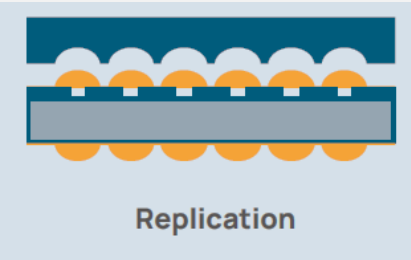
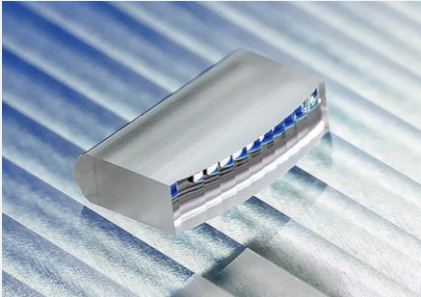
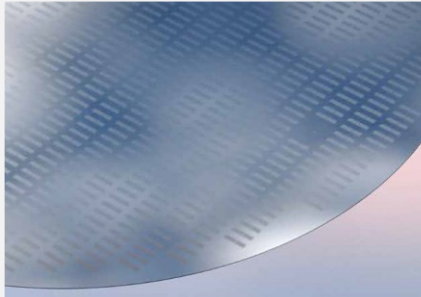
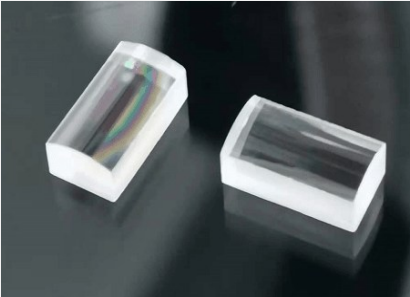
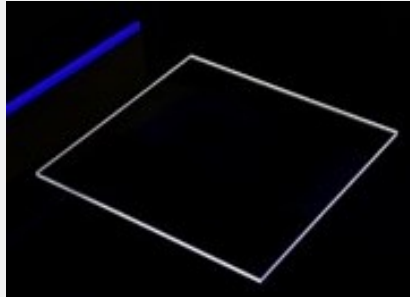
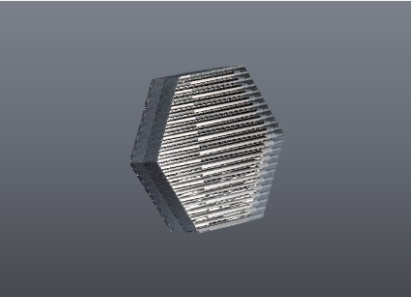
Asymmetrical → Symmetrical beam

Symmetrical beam → High density line beam



# Core Competence

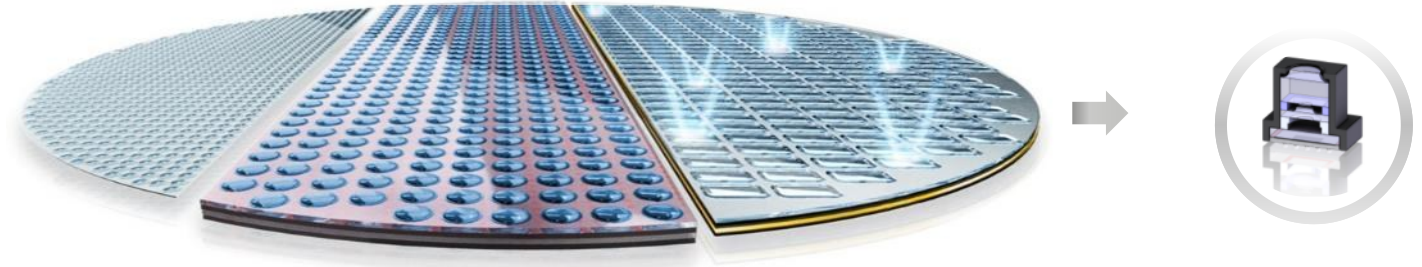
Optics Manufacturing

Wafer Level Simultaneous Structuring	Wafer Level Photolithography-RIE (reactive ion etching)	Precision Glass Molding	Cold Processing	Imprinting
				
				
<p>With inorganic materials: Glass, Fused Silica, Silicon, CaF<sub>2</sub></p>				<p>With polymer on glass</p>
<p><b>High LIDT Optical Coating:</b> Anti-reflection, high-reflection, beam splitter, band filter, and various customization (UV, VIS, IR)</p>				

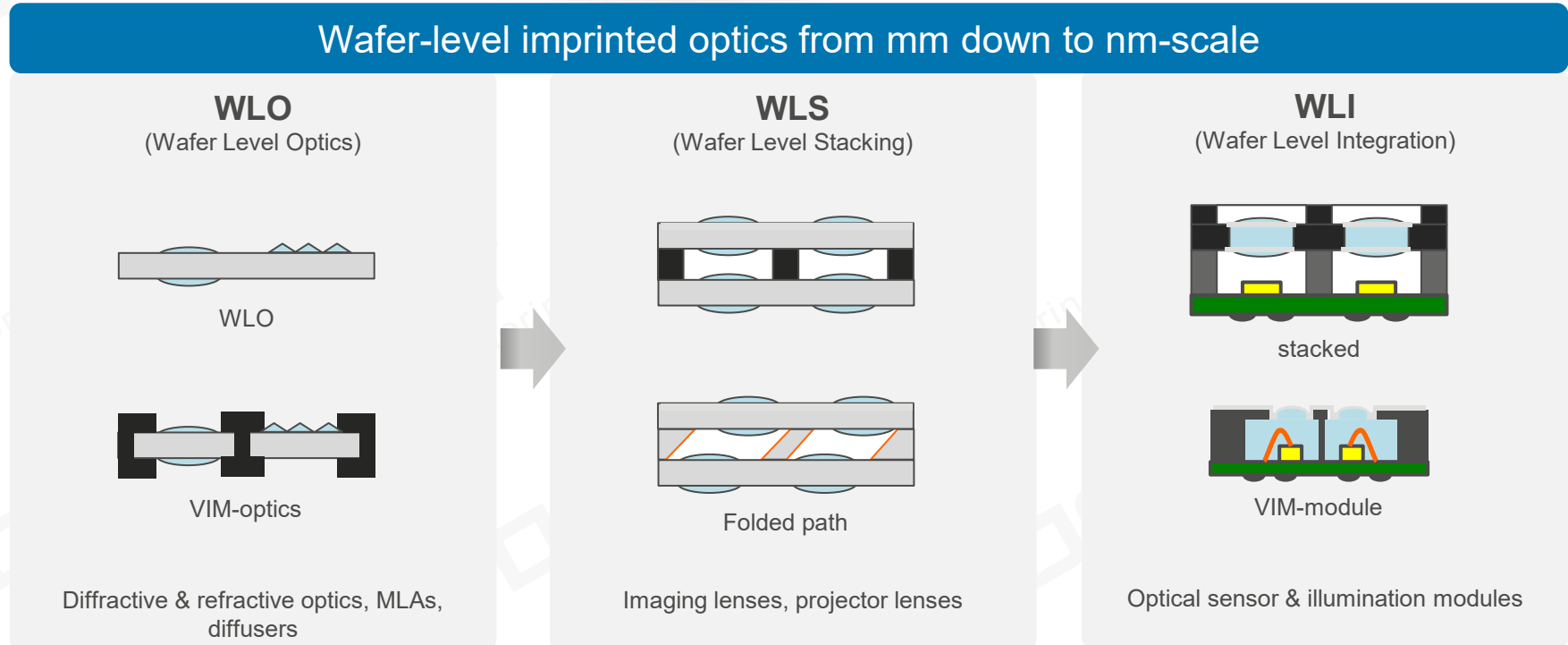
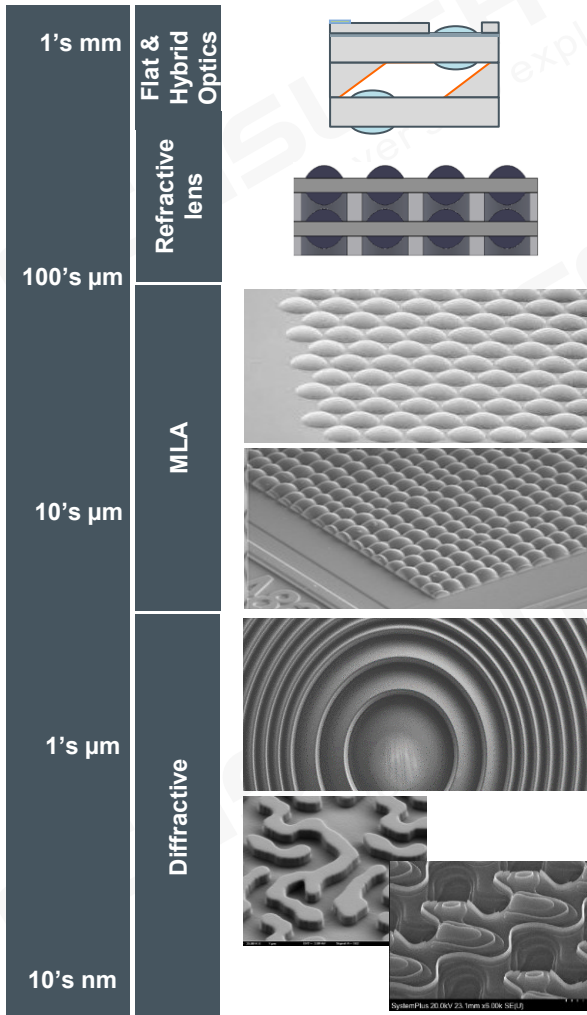
# Core Competence

## Wafer Level Optics and Stacking

Wafer-Level Optics, Electronics, Packaging, Integration, Testing and Processing

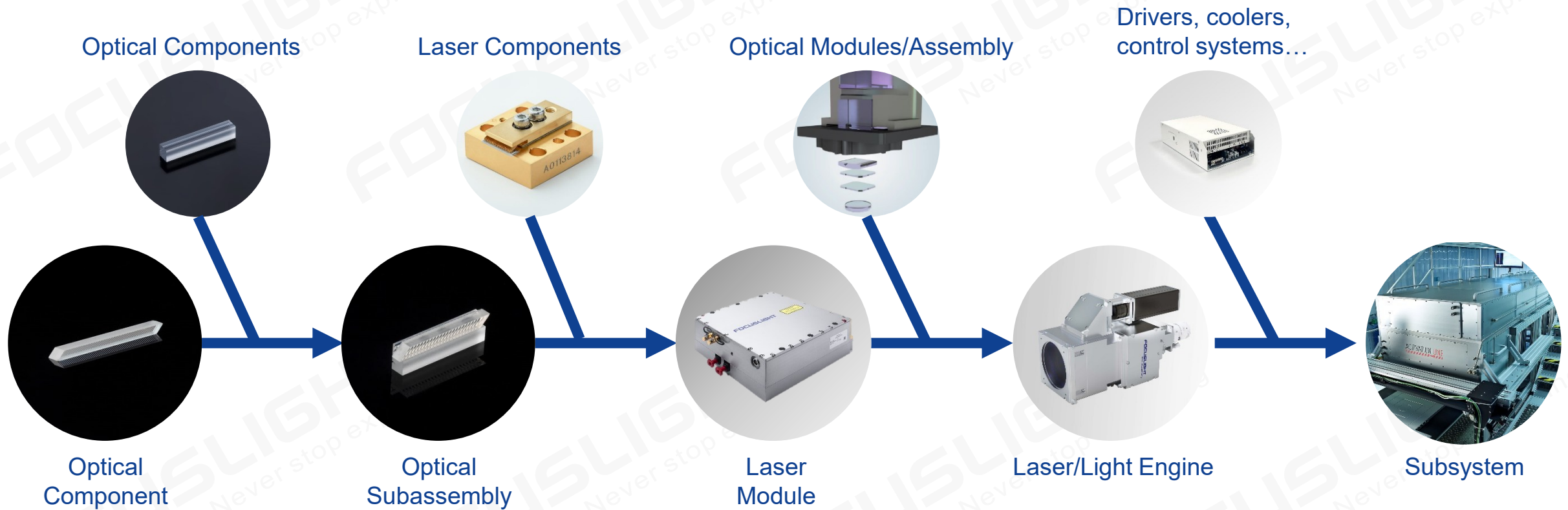


Wafer-level imprinted optics from mm down to nm-scale



# Core Competence

High Precision Optical Assembling Process and in-house Equipment: From Components to Subsystems



# A Unified QM System in the Corporate Ensures Reliable and Premium Products

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)

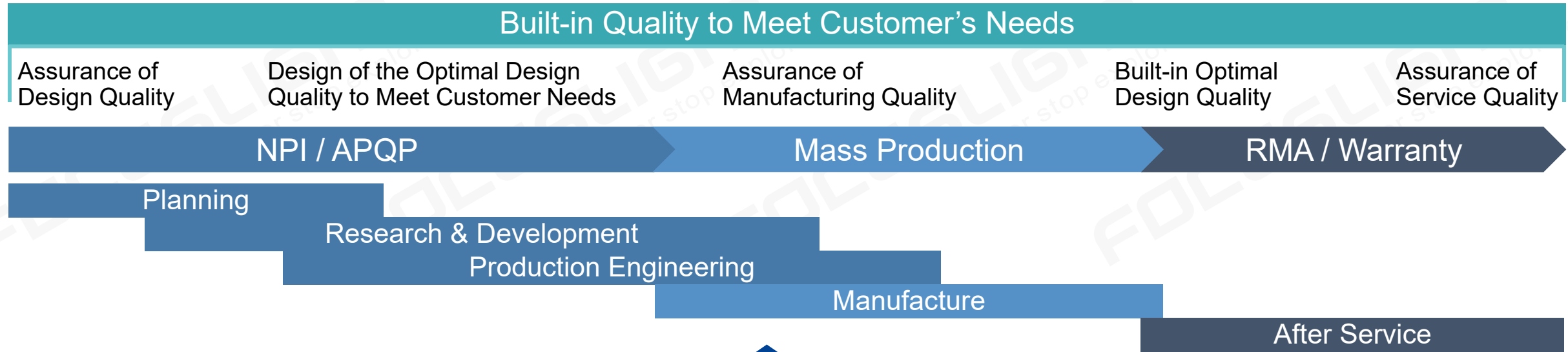
Statistical Process Control (SPC)

Production Traceability Database

Control Plan (CP)



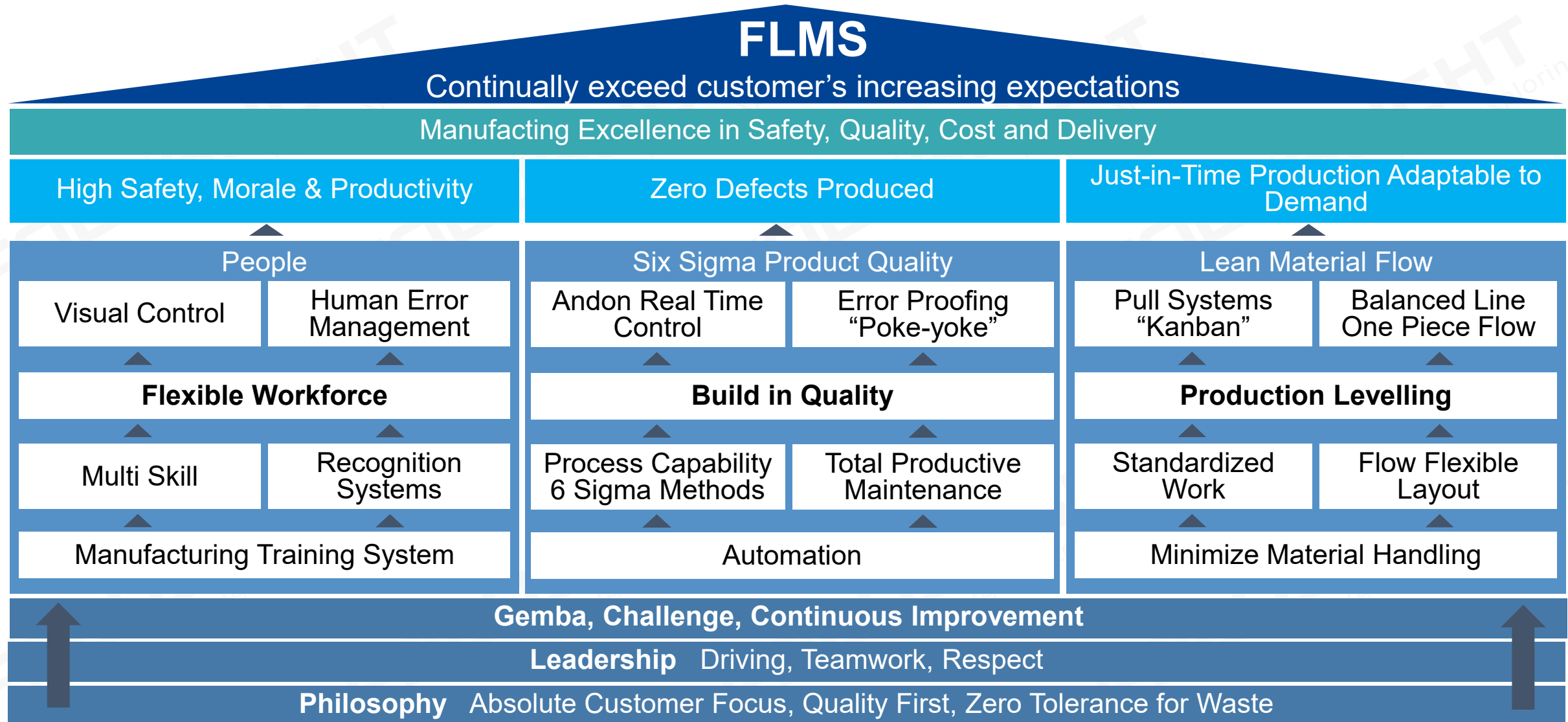
# Quality Assurance System



**Promotion of Consistent Quality Assurance Activities**

<b>Quality Control System of Design</b>	<b>Quality Control System of Manufacture</b>		<b>Quality Control Evaluation System</b>
<ul style="list-style-type: none"> <li>• QFD</li> <li>• Critical Characteristic, Special Characteristics</li> <li>• Tolerance Chain Design</li> <li>• FMEA, FTA</li> <li>• Design Validation</li> <li>• Design Review</li> </ul>	<ul style="list-style-type: none"> <li>• Parameter design</li> <li>• Process FMEA</li> <li>• Process Capability Study</li> <li>• Automatic Inspection,</li> <li>• Poka Yoke / Error Proof</li> <li>• Measurement System Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• QA Network</li> <li>• Supplier Quality Management</li> <li>• Production Validation</li> <li>• Control Plan</li> <li>• QC Circles</li> <li>• Production Part Approval Process</li> </ul>	<ul style="list-style-type: none"> <li>• QC diagnosis</li> <li>• Quality assurance Meeting</li> <li>• Quality Auditing Improvement Meeting</li> </ul>

# Focuslight Manufacturing System (FLMS)



# Manufacturing Excellence

- Apply the **lean manufacturing practices** to all production lines, including automotive, diode laser and laser optics business
- **Absolute customer focus, zero tolerance of waste, and continuous improvement** philosophy
- **Significantly reduced** cycle time, improved manufacturing efficiency, and lowered RMA yield and manufacturing cost.
- Adopting **automation and advanced production management system**
- **SOP** of the first LiDAR transmitter project with an international automotive tier 1 customer
- IATF 16949 certified and VDA 6.3 audited



# Manufacturing Capacity

## Advanced Materials

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

DPC production



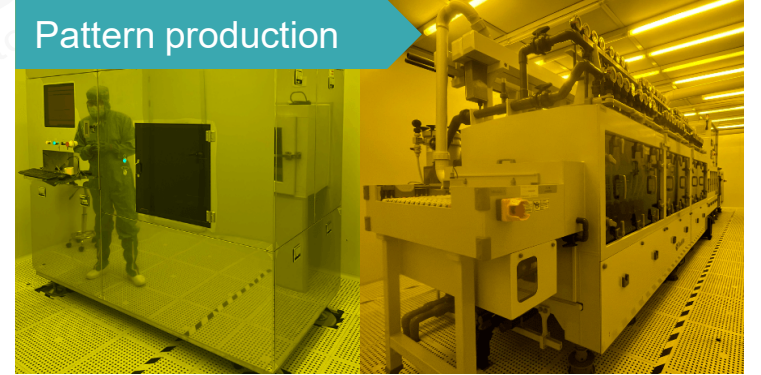
Etching production



Au plating



Pattern production



Cleaning



AuSn deposition



Laser marking



Dicing



AOI inspection



Advanced Materials Manufacturing Capacity > 2M pcs / month



# Manufacturing Capacity

## Diode Laser Components

Packaging & Assembling



Optical Assembling



Testing & Measurement



Quality Inspection



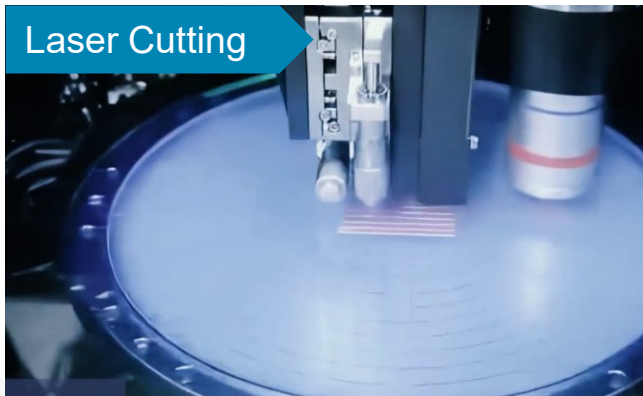
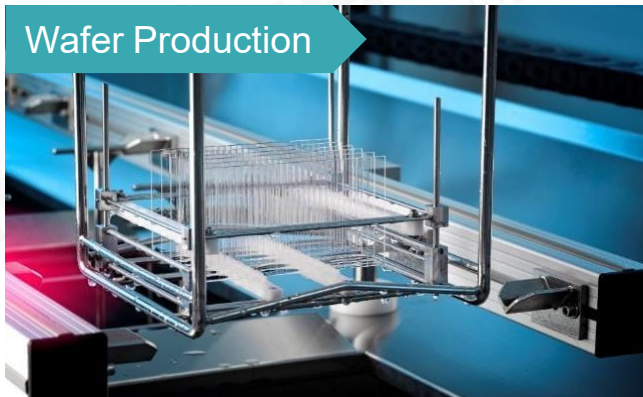
Burn-in & Lifetime Test



Diode Laser Manufacturing Capacity > 500K pcs / year  
Burn-in Capacity 600K pcs / year

# Manufacturing Capacity

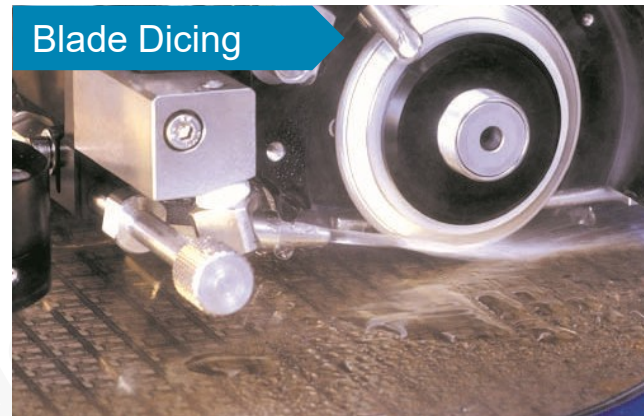
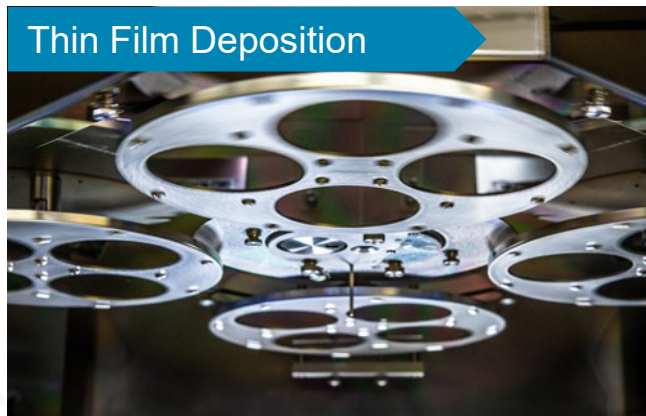
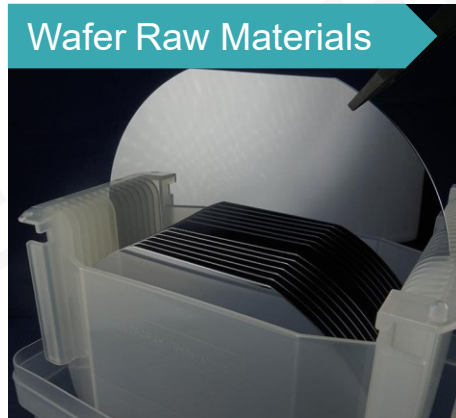
## Laser Optics Components: Wafer-Level Simultaneous Structuring Processing



Wafer-Level Simultaneous Structuring Processing:  
Manufacturing Capacity > 2K wafers / month or > 3.5M pcs lenses / month

# Manufacturing Capacity

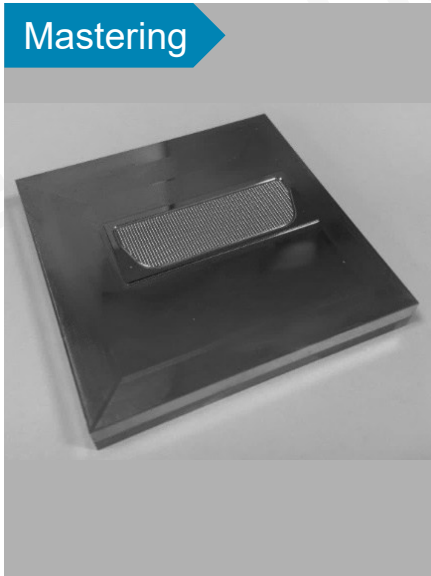
## Laser Optics Components: Photolithography-Reactive-Ion-Etching Processing



Photolithography-Reactive-Ion-Etching Processing:  
Manufacturing Capacity > 300 wafers / month

# Manufacturing Capacity

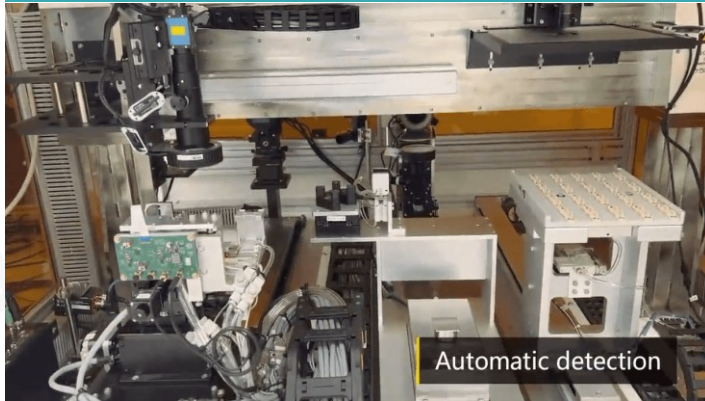
## Laser Optics Components: Imprinting Processing



Imprinting Processing:  
Manufacturing Capacity > 15K wafers / year or > 30M pcs lenses / year

# Automation Powered Manufacturing Excellence

Automatic Optical Alignment



Automatic Assembly



Automated Optical Inspection



Laser Optics Production Line



LiDAR Transmitter Production Line



Video Link: <https://www.focuslight.com/news-events/newslst/focuslight-autonotation-powered-manufacturing-excellence/>

# Typical Applications

## Optical Communication

### Diffractive and Refractive Optics

- Focusing / collimating microlens
- Prism integrated microlens arrays
- Microlens arrays
- Silicon refractive microlens arrays

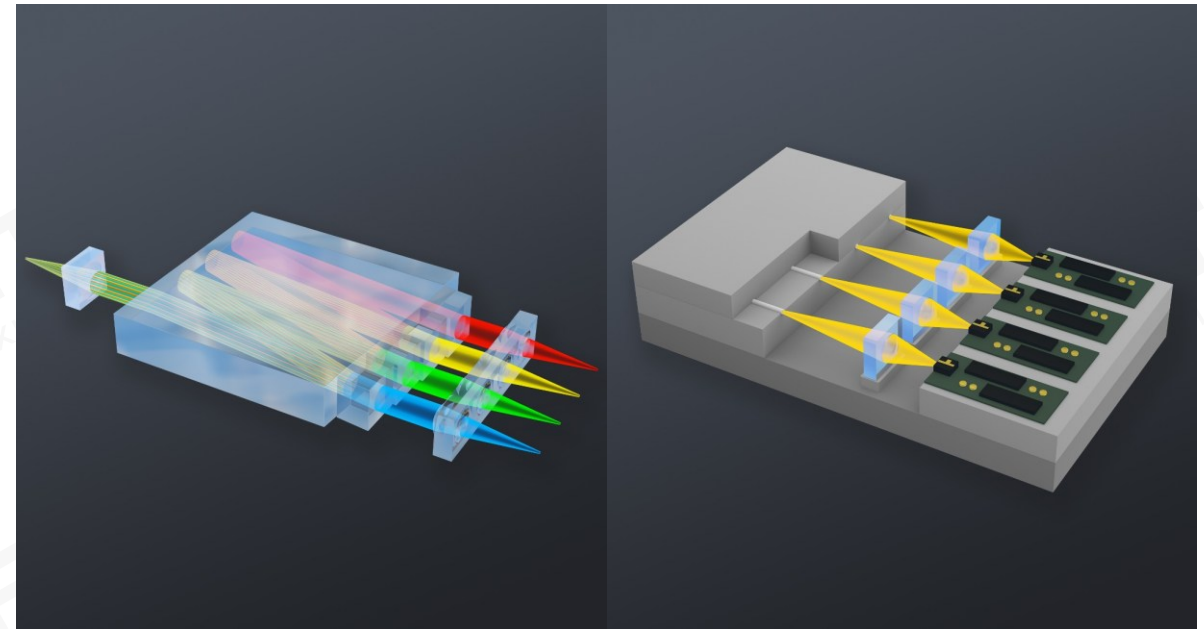
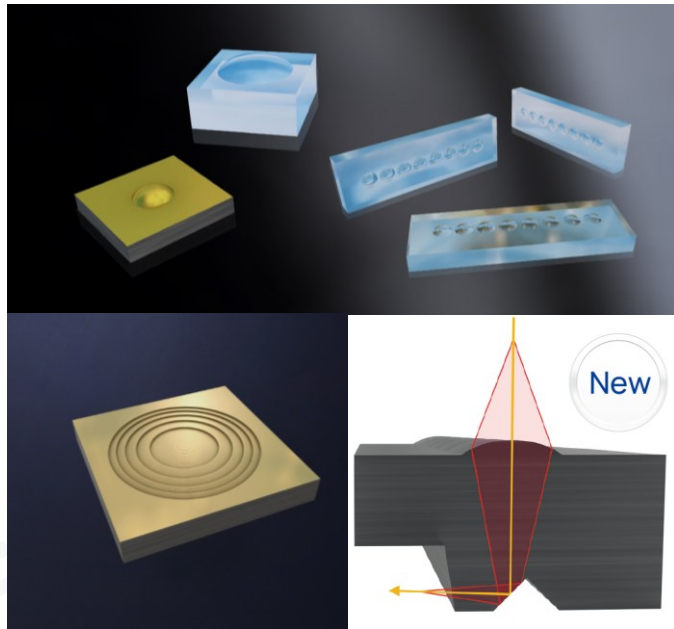


**Optical transceivers (TROSA, ROSA, TOSA \*)**

**Optical Switches**

**Photonic Integrated Circuits (PICs)**

**Fiber Connectors**



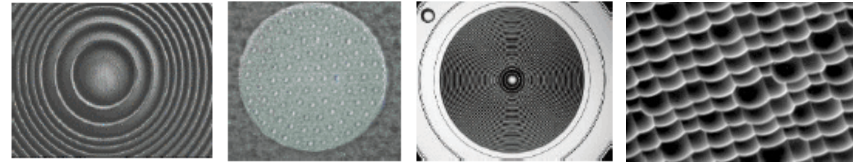
\* TROSA = Transmit & Receive Optical Sub Assembly, ROSA = Receiver Optical Sub Assembly, TOSA = Transmitter Optical Sub Assembly

# Typical Applications

## Consumer Electronics

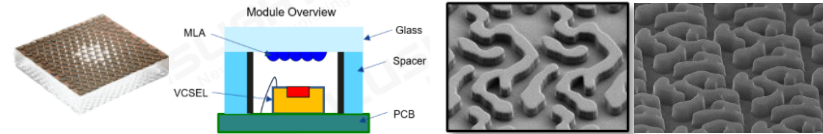


### Tailored Diffusor Micro-Optics



Fresnel lens, circular lens array, micro kinoform, irregular MLA for flood illum.

### Pattern-Generating Micro-Optics



MLA-based dot projection modules

Binary DOEs for beam fanout;  
3D-depth sensor



### Imaging and Projection Micro-Optics



Multi-zone 3D-dToF sensors (~proximity sensors)



Eye- / Gesture- and World-Tracking Micro Camera Lenses



Multi-aperture WLO-lens for AR-μLED Display Engines

# Typical Applications

## Medical and Health



Hair Removal



Body Sculpting



Skin Rejuvenation



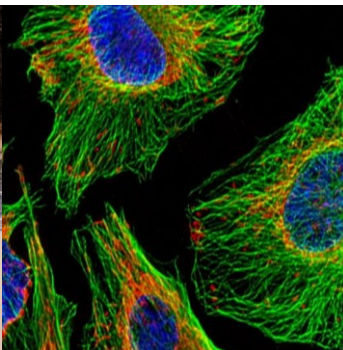
Ophthalmology



3D Interoral Scanning



Dermatology



Confocal Microscopy



Endoscopy



Sensing



Laser Surgery



Optical Components;  
Laser Components



Optical Solutions;  
Laser+Optics Assembly;  
Application Handpiece



Contract Manufacturing  
Services



*Focuslight does not  
produce medical or  
health equipment*



# Typical Applications

## Automotive



**LiDAR**



**Driver Monitoring System**



**Smart Headlight**



**AR HUD**



**Projected Lighting**



Optical Components



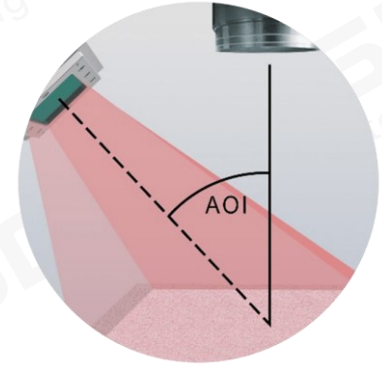
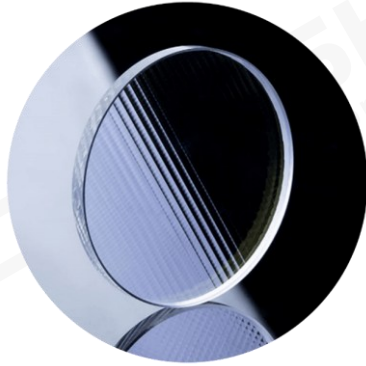
Laser Transmitter /  
Illumination Modules



*Focuslight does not  
produce LiDAR /  
Lighting full system*

# Typical Applications

## 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**

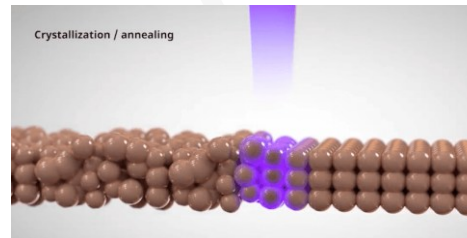
# Typical Applications

## Display

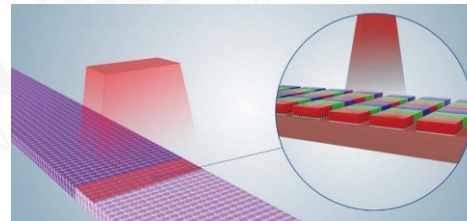


### Solid-State Laser Lift-Off (LLO) for Flexible Displays

- 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

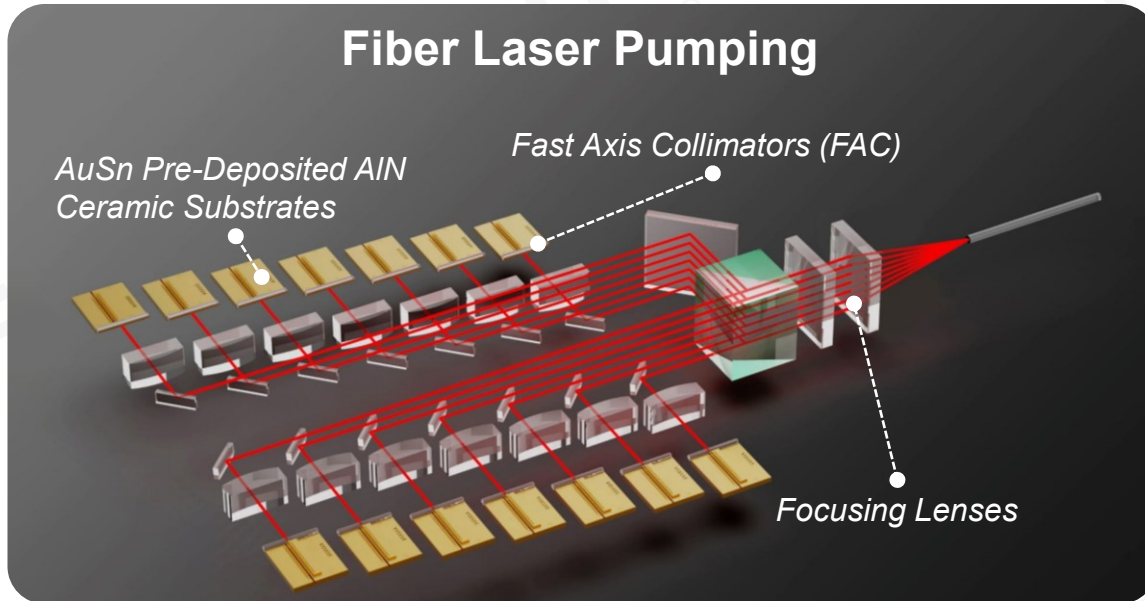


### Mini and Micro LED Processing

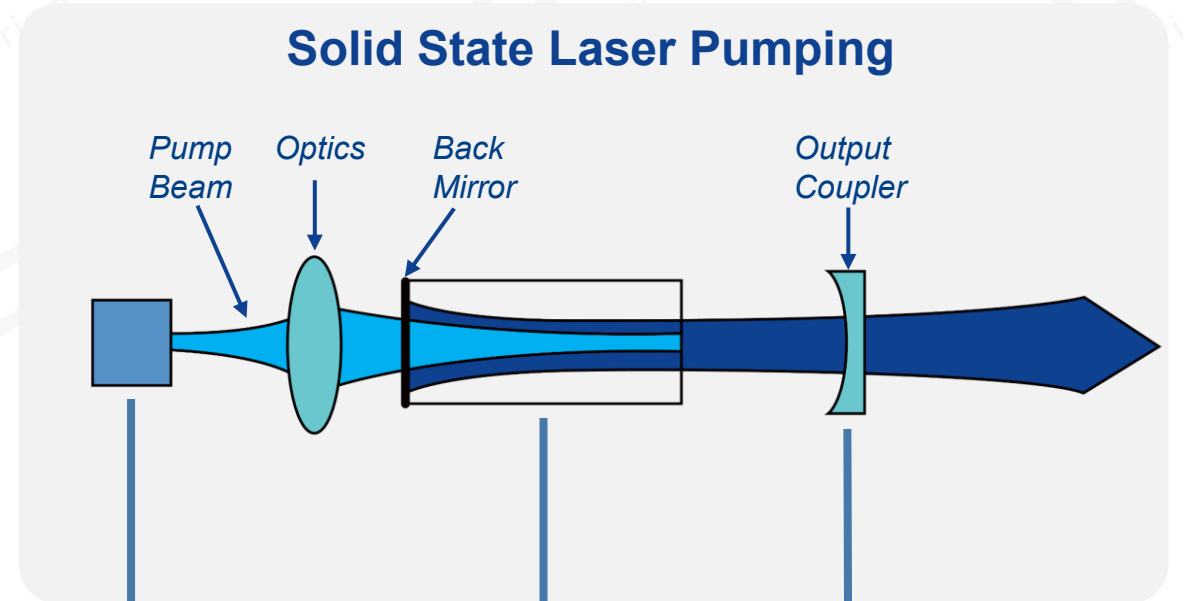
- Laser Mass Transfer and Laser Mass Soldering
- Laser Chip Repair

# Typical Applications

## Industrial



- **AuSn pre-deposited ceramic substrates** – 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;



Diode Laser as Pumping Source

+

Gain Medium

+

Optical System

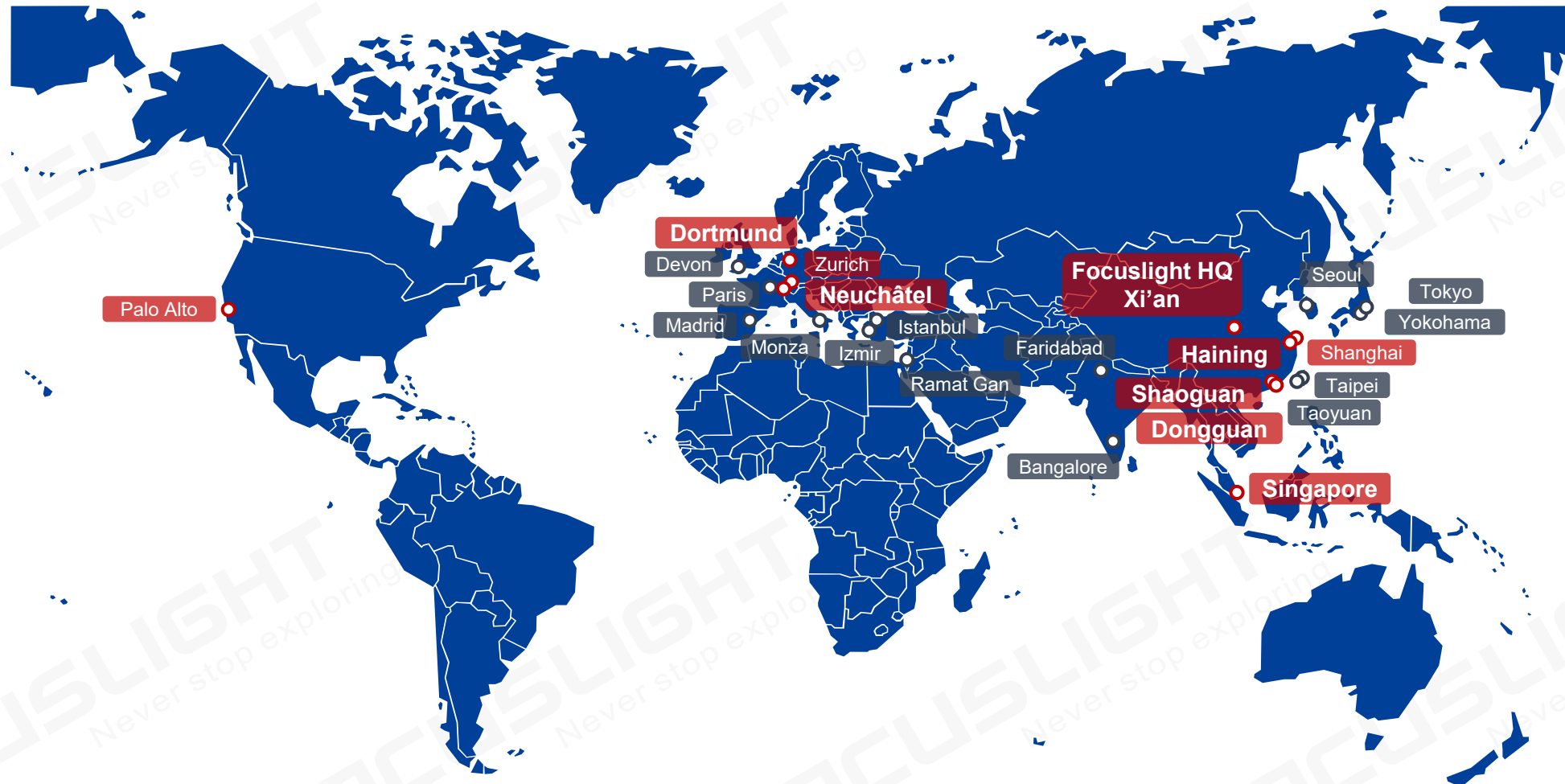
Footprint ↓

Reliability ↑

Efficiency ↑

Cost ↓

# Sales Network



- Worldwide established distributors
- Direct sales offices in China, Switzerland and US
- Manufacturing site in Xi'an, Dortmund, Dongguan, Haining, Shaoguan, Neuchâtel, and Singapore

## Your committed and reliable long-term partner in photonics components and solutions



Diode laser light source leader and beam shaping expert with strong IP position



One-stop-shop provider of micro-optics choosing from five 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



[www.focuslight.com](http://www.focuslight.com)

[www.hptg.com](http://www.hptg.com)

