



Photonics Showcase

[Plug & Play Precision Motion](#)

From: Zaber Technologies Inc.

Build your precise motion system quickly with Zaber's modular stages. Linear, rotary, XY, and tip/tilt stages deliver up to 1.5 μm accuracy. Get set up and moving in minutes, including multi-axis systems. Program efficiently, our well-documented API provides copy/paste sample code. Expect 1-5 day lead times and 1-day responses to inquiries.

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[ProMetric® I151 + AR/VR Lens](#)

From: Radiant Vision Systems, Test & Measurement

The ProMetric® 151 MP Imaging Colorimeter and AR/VR Lens Solution enables efficient measurement of near-eye displays, ideal for augmented (AR), mixed (MR), and virtual reality (VR) headsets, delivering ultrahigh resolution color and light measurements that precisely reflect human visual perception.

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[Super Efficient Light Collection](#)

From: LightMachinery Inc.

For applications like Raman spectroscopy, LIBS, or high-speed process control. No more questioning data quality at certain wavelengths or choosing between resolution and signal strength. With uniform pixel density and optimized light collection, you get dependable measurements and maximum sensitivity throughout your spectral range.

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[A Light Source for the Quantum Age](#)

From: Eblana Photonics Ltd.

The future of quantum is photonics. From enabling secure global communications to building the next generation of sensors and processors, Eblana Photonics powers the quantum frontier with reliable, high-precision lasers and gain chips built for real-world deployment. At Eblana, we work alongside innovators to tailor optical solutions for complex quantum architectures, spanning research to scalable product development.

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[Pulsed Laser Spectrum Analyzer](#)

From: Bristol Instruments Inc.

The 772B-MIR Laser Spectrum Analyzer is for pulsed lasers operating from 1 to 12 μm . It measures wavelength to an accuracy of ± 10 parts per million, and bandwidth and longitudinal mode structure to a resolution of 4 GHz, providing the ideal solution for scientists and engineers who need to know the spectral properties of their pulsed mid-IR lasers.

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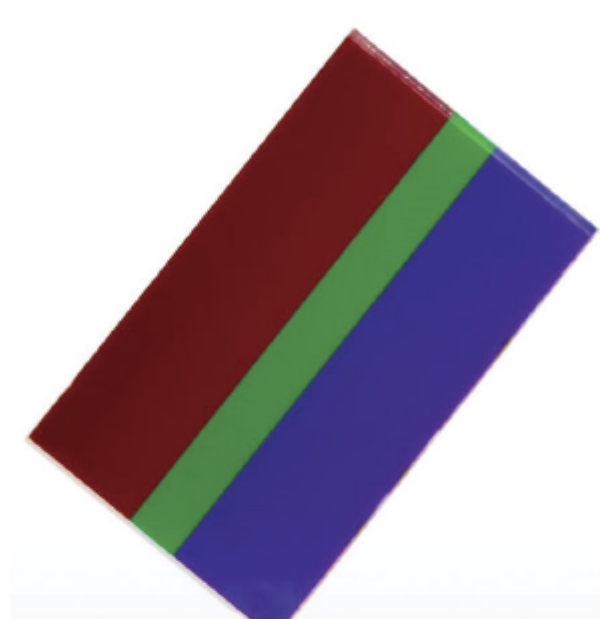
[Patterned Optics](#)

From: Reynard Corporation

Custom photolithographic patterning service offers complex optics with geometries as small as 5 μm . We provide multiple pattern stacking and gapless patterns using metallic or dielectric materials, selected based on transparent, reflective, and/or conductive opto electrical needs. Applications include alignment test patterns, heated windows, patterned filters, polka dots, wideband beamsplitters, reticles, barcodes, and more. ISO 9001:2015 & ITAR.

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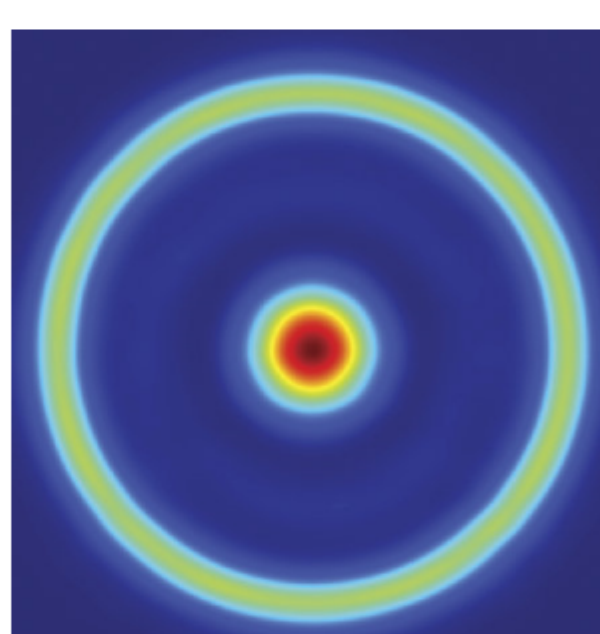
[Trident Generator](#)

From: PowerPhotonic Ltd.

Improve process quality, increased throughput and reduce operating costs with a Trident Generator. Designed to transform a collimated single mode beam into small ring + core at the focus of a focusing lens, these optics can integrate into your existing laser system. In remote welding, it can be used to control the melt pool, while keeping the keyhole intact. This can lead to a less viscous melt pool, reducing spatter and porosity of the weld.

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[Lock-in Camera heliCam C4/C4M](#)

From: Heliotis AG

The heliCam C4/C4M by Heliotis revolutionizes imaging with over one million lock-in amplifiers on a single chip. With in-pixel signal processing, the heliCam C4 achieves real-time, high-resolution dual-phase demodulation at up to 250 kHz and an impressive 21-bit dynamic range. Perfect for researchers needing massive parallel detection of weak optical signals.

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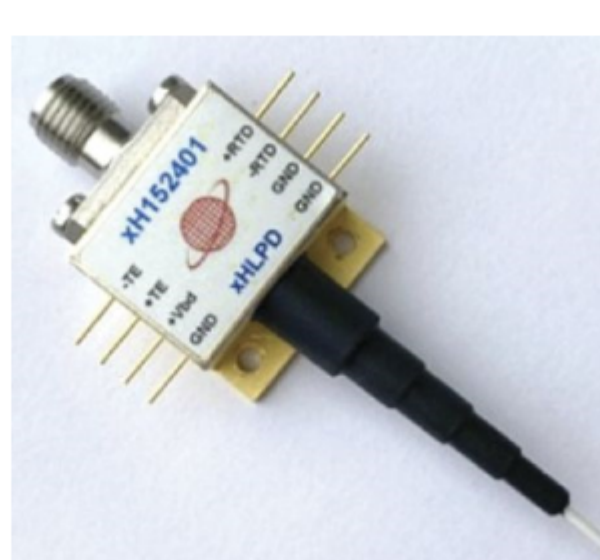
[Extra Highly Linear Photodiode xHLPD](#)

From: Discovery Semiconductors Inc.

The xHLPD photodiodes provide high power operation up to 10 GHz bandwidth, and deliver up to 4V peak-to-peak (+16 dBm CW) RF output power with exceptional phase linearity < 5 rad/W. The thermoelectrically cooled modules enable reliable device operation with multiple biasing options. Applications include ultra-low noise optical clocks, photonic time transfer, antenna remoting, and RF-over-Fiber.

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[SIRRUS™ PVD Platform](#)

From: Alluxa

Alluxa's innovative, next-generation SIRRUS™ plasma physical vapor deposition (PVD) platform offers full spectral coverage from ultraviolet (200 μm) to infrared (14 μm). The proprietary process enables optical filters with the steepest edges, highest transmission, and deepest blocking available while maintaining high performance, precision wavelength control, and extremely uniform coatings.

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