

PHOTONICS SHOWCASE



See the latest products and services from November 2024.

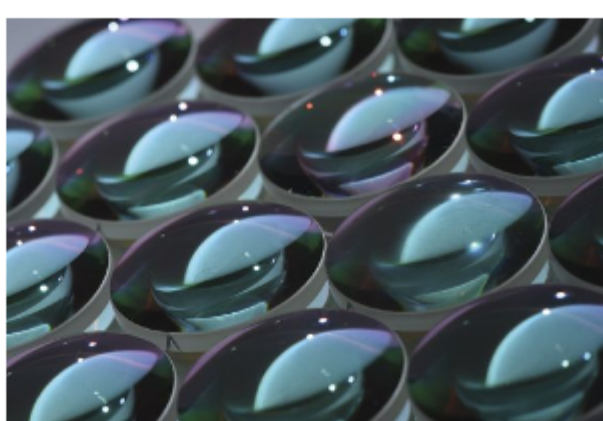
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Featured Products & Services

[Advanced Optical Coatings](#)

From: PFG Precision Optics

PFG Precision Optics offers advanced optical coatings, both as a service and as part of complete custom optics fabrication. Coating offerings include AR, HR, and beamsplitting designs. With over 40 years of expertise, PFG provides coating solutions for the semiconductor, defense, research, and advanced metrology industries, ensuring precision and reliability at the highest levels. Prototype through production in the USA.



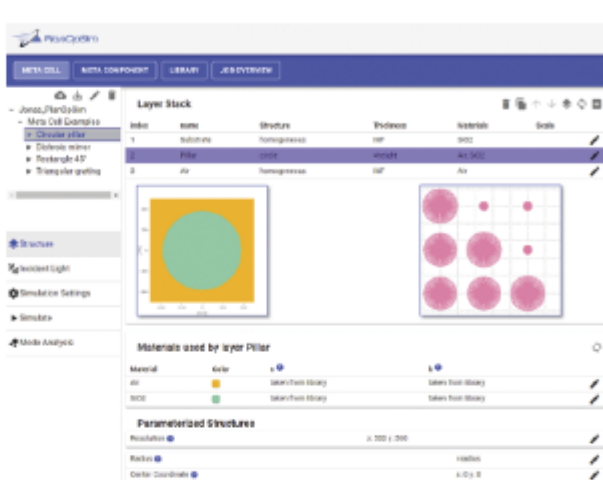
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[Expert Meta Optics Design Software](#)

From: PlanOpSim NV

PlanOpSim is a multiscale simulation software with an integrated workflow from the nano to the system level, created by a team dedicated to Meta Optics. It produces the GDS necessary for manufacturing in an easy to use interface. Powerful unique features such as Overlapping Domain, Optimization, a Software Development Kit (scripting) are available and enable rapid, accurate, large area designs to unlock maximum potential for your optical system.



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[Max Performance Flash Lamps](#)

From: Hamamatsu Corporation

Hamamatsu's 2 W xenon flash lamp modules are built with a power supply and trigger socket, creating a design that extracts maximum performance from the lamp. Available in a housing that is the smallest size among comparable products, these modules integrate easily into portable analytical instruments for spectroscopy, water quality analysis, air pollution analysis, imaging cytometry, and so much more.



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[771 Laser Spectrum Analyzer](#)

From: Bristol Instruments Inc.

The model 771 operates as both a high-resolution spectrum analyzer and a high-accuracy wavelength meter. With spectral resolution up to 2 GHz and wavelength accuracy as high as ± 0.0001 nm, this system provides the most detailed information about the spectral properties of lasers operating from 375 nm to 12 μ m.



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[Circular Variable ND Filters](#)

From: Reynard Corporation

Custom Circular Variable Neutral Density (CVND) filters change light intensity from 100% to less than 0.1%. Densities are supplied 0 to 1, 2, 3, 4, or 5 as a standard linear or customized gradient function, which can range from 45° to 360° of rotation. Features include laser and broadband coatings, substrates from 1- to 8-in. diameters, and functional wavelength from the UV to the far IR.



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[Hyperfine One Spectrometer](#)

From: LightMachinery Inc.

Compact 250 - 1000nm spectrometer with 1nm resolution at all wavelengths. Leveraging LightMachinery's world class design and manufacturing for higher sensitivity. Onboard image processing and serial data output with an easy to use user interface. The right choice whenever a brighter, faster, or wider spectrum is required. The wide range and high sensitivity enable high speed process control for spectroscopic measurements from UV to NIR.



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[Liquid Light Guides](#)

From: Lumatec GmbH

Liquid Light Guides are flexible, unbreakable, and very durable, and they have significantly better transmission, more homogeneous illumination, and a larger aperture than fiber bundles at lower costs! They are the perfect solutions for applications that demand uniform, high-intensity light. We offer four different series designed for diverse spectra ranging from ultraviolet to infrared and a broad selection of end fittings.



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