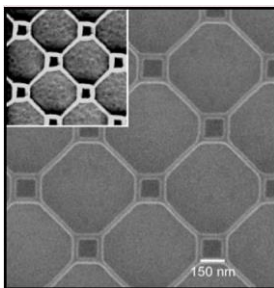


## PHOTOLITHOGRAPHY

Access Optics offers 2D optical nanostructures and 3D nanoscale devices that address applications from traditional reticles to sophisticated MEMS components and electro-optical elements:

- + Reticles: Catalog and Custom
- + Metalized Windows and Solderable Films
- + Test Patterns
- + Targets
- + Alignment and Calibration Grids
- + Scales
- + Calibration Cells
- + Reflective, Transmissive and Emissive Reference Standards



With significant technology and expertise in photopolymers and thin film coatings, we also design and develop complex structures involving numerous patterned layers and three-dimensional microfeatures including detector materials and fluorescent compounds.

Access Optics' products involve an unlimited selection of substrates-glass, sapphire, fused silica, metals, plastics; a wide variety of coatings and thin films - metals (chrome, gold, silver, inconel, iron oxide), visible and infrared coatings; and features to submicron geometries involving liftoff, etching, or ion milling.

We maintain thriving R+D partnerships with academic institutions. The combination of our photolithography capabilities and work with advanced nanodetectors are expected to yield exciting new product innovations such as Lab-on-a-Chip detectors and arrays. Integrating these developments with our expertise in miniature optics and assemblies presents unique opportunities to design and develop in vivo imaging/ diagnostic instruments.

Metrology data, materials certificates, and documentation of specified performance parameters are provided with all shipped product. For long-term contracts, we adapt to a variety of inventory control systems including fixed-lot, Kanban and min/max deliveries.

[accessoptics.com](http://accessoptics.com)

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