

PHOTONICS spectra®

PRODUCT SPOTLIGHT




Himax IGI Solutions for Tomorrow's Technology

Custom Optics for Next-Gen Products
Himax IGI's NanoSculpt™ technology enables innovative multi-dimensional optics. Break through current design rules to offer your customers leading-edge products.

- Micro-Lens
- Micro-Mirror Arrays
- Collimation and Focusing
- 100% Fill
- Hexagonal & Square Packing
- Datacentric Designs
- Mixed Structures & Sizes
- Aspherical & Anamorphic Lens
- Vary Rotation by Position in Pattern
- Freeform & Random Diffusers

Gratings
Linear, Blazed, Slanted
Diffractive, Waveguides, Refractive

Multi-Level Diffractive Optic Elements
Facial Recognition, AR/VR, Other Applications

Masters, stamps, molds, and shims for R&D, prototypes, and all levels of manufacturing.

Photoresist Masters, Nickel Shims, Silicon Etched Masters & Parts, Soft Molds

Wafer-Level Optics from design to assembly & Continuous Pattern Areas up to 700mm

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NanoSculpt – Custom Optics for Next-Gen Products

Himax IGI designs and manufactures innovative micro and nano patterns for displays, optics, biomedical, and many other applications. Himax IGI provides photoresist masters, nickel shims, and soft molds with diverse pattern characteristics that create the desired surface or optical properties. 3D patterned or textured products made by Himax IGI are used in imprint lithography, injection molding, roll-to-roll, and other prototype and high volume manufacturing processes.

Download the data sheet for more information.

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