

**HOLO-OR LTD.**

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**Contact EMail:** igrossinger@holoor.co.il

**Website:** www.holoor.co.il  
**Year established:** 1989  
**Contact person:** Mr. Israel Grossinger, President

**Type:** Industry  
**Ownership:** Private

**Core Business:**

Diffraction optical elements and diffraction optics based solutions.

**Total number of employees:** 10

**Overview:**

In the past 15 years Holo-Or developed, designed and manufactured a variety of diffraction optical elements that accomplish difficult tasks, conventional optics fails to address effectively. Proven solutions developed for high power lasers include:

- Uniform Splitting of beams
- Tailored Shaping of spots
- 1D, 2D and 3D spot array generation
- Diffusers and Homogenizers
- Top-Hat Beam Shaping
- Lenslet Arrays, symmetric and asymmetric
- Beam Sampling
- Chromatic and Spherical Aberration Correction
- Intensity profile management
- Enlarging Depth of Focus
- Frame focuser
- Tailored spot SHAPES and sizes

The company employs highly skilled technical personal, and occupies a production facility at the Kiryat Weizmann High-Tech Industrial Park, Rehovot, Israel. Holo-Or has a full capability of developing and manufacturing diffraction optical elements in clean room facilities. The company holds the key patents on its method of manufacturing multi-level elements. Holo-Or is cooperating with Laser Components, GmbH.

**SERVICES & CAPABILITIES**

- Diffraction optical elements: Custom & Stock
- Diffraction design and performance analyses
- Optical design incorporating diffraction optics
- Reactive ion and wet etching and photolithography for visible and IR materials
- Mask fabrication