

Precision Molded Glass Optics for Infrared For imaging systems

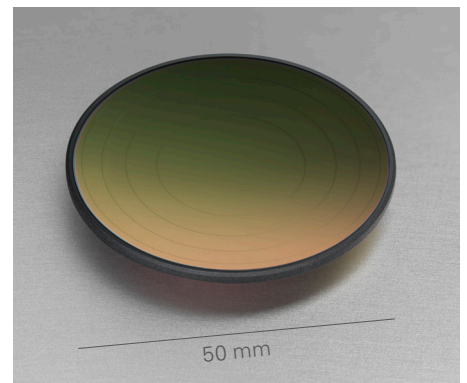
Diffractives and double sided aspheres made from chalcogenide glass.

Your Benefits

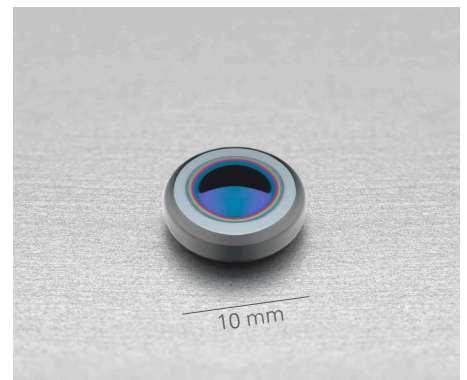
- **Full Range of Spectrum:** High precision components in the SWIR, MWIR and LWIR spectrum.
- **Optical Design Support**
- **Production setup:** From prototype to volume manufacturing.
- **AS AS9100D / ISO 9001 certified and ITAR compliant US production facility.**
- **Full services:** Centering, truncating, coating, cementing, tactile measuring technology, metrology and assembling in-house.

Technical Data

- Wavelength: 1.2 – 14 μm
- Standard spec of 2 fringes irregularity at C.A. 25 mm
- Diameter: 2.5 – 50 mm
- Broadband AR and hard coatings
- Possible geometries:
 - Diffractive Lenses
 - Aspheres
 - Double-sided aspheres



Diffractive PML from chalcogenide glass



PML IR asphere with customized coating



Applications

- Thermal Imaging (MWIR/LWIR)
- SWIR Imaging
- Hyperspectral Imaging Optics
- Process Monitoring