

Optic Solutions

Microlens Arrays

Customized High Quality Solutions

Illumination homogenization and efficiency enhancement for Machine Vision, Lighting and Sensor applications

Advantages and Features

- Large apertures up to 523 mm
- Nearly free choice on lenslet arrangement
- Virtually any desired shape of final parts
- Precision diamond milled master tools
- Tool availability over the whole product lifetime by replication of the master tool into a tool tree

Parameters

- Clear Aperture: max. 370 mm x 370 mm
- Radius: max. 6.5 mm
- Lens Shape: spherical
- Material: PMMA, Polycarbonate, Silicone on Glass (SOG)
- Virtually any arrangement of the single lenses (lenslets) possible without any constraint to lines and columns

Custom Finishing and Product Enhancement

- Cutting parts to customized shapes
- Different coatings available
- Structuring on both sides possible

Special sizes and specifications are possible on request

Engineered to Manage Light™

ORAFOL Fresnel Optics GmbH

Flurstedter Marktweg 13, 99510 Apolda, Germany
Tel.: +49 3644 5011 0 / sales@fresnel-optics.de

Find out more about our products at:
www.fresnel-optics.de

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