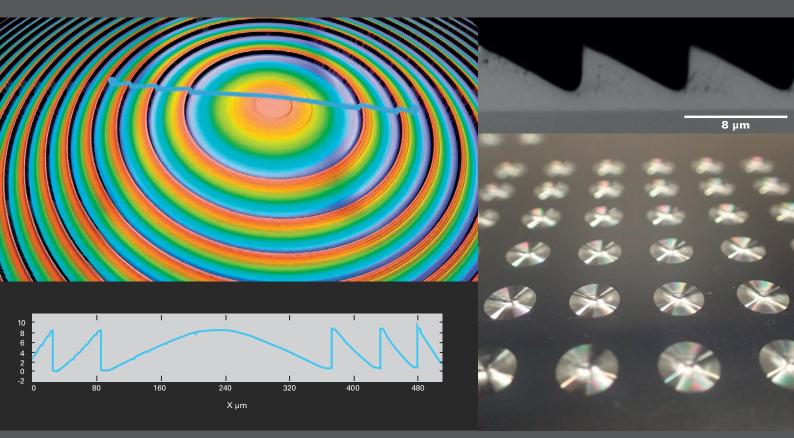
NANOCOMP

ULTRA THIN FRESNEL LENS

microstructured lenses manufactured by UV roll-to-roll imprinting



KEY BENEFITS

- > Excellent optical performance
- > Ultra thin film component
- > Stylish appearance, no visible fringes

KEY FEATURES

- > Negative and positive lenses
- > Regular and TIR lenses
- > Axigons
- > Lens shape customizable

APPLICATIONS

- > LED light shaping, e.g. camera flash lenses
- > Sensor optics
- > Laser beam shaping

SPECIFICATIONS

- > Focal length: from +/-0,5 mm upwards
- > Minimum F-number: f/0.5
- > Profile height: 3-9 µm
- > Minimum groove spacing: 5-10 μm (depending on height)
- > Max gain up to 7 in flash lenses
- > Max R in profile: 1-2 μm (depending on height)

Nanocomp Ltd is a high-tech company with 20 years of experience in the field of nano- and micro-optics. Nanocomp provides versatile solutions for global customers focusing on design, tooling and mass production of film optics.

Nanocomp Oy Ltd

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FLEXIBLE LIGHT GUIDING