

THIN FOIL OPTICS



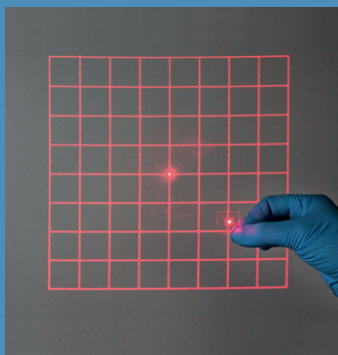
Roll to roll production is spearhead of modern production technologies. Nanocomp is the pioneer in roll to roll mass production of thin foil components for micro- and nano-optics.

HAND HELD DEVICES



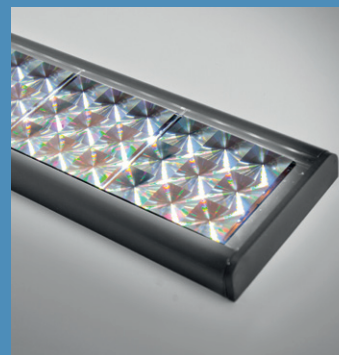
- *Microstructured camera flash lens*
- *Light guide solutions*
- *Keypad illumination*
- *Display illumination*
- *Cover decorations*
- *Information signals*
- *Authentication features*

PATTERN GENERATORS



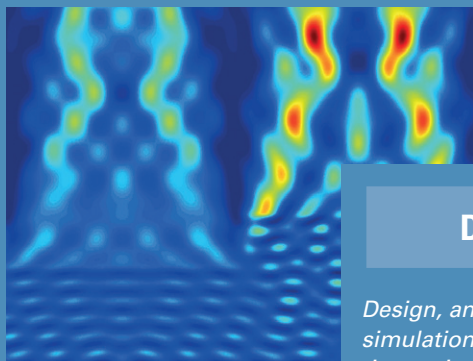
- Customized signals for large output angles*
- *Machine vision*
 - *Gesture recognition*
 - *Laser measuring systems*
 - *Product identification & security*
 - *Laser machining*

SOLID STATE LIGHTING



- Thin foil optical components with aesthetic appearance for energy saving LED lighting*
- *LED bars and arrays*
 - *LED light panels*
 - *LED light signs*

NANOCOMP PRODUCTION FLOW



Design

Design, analysis and simulation of diffractive optics



Patterning

Patterning of nano- and micro structures



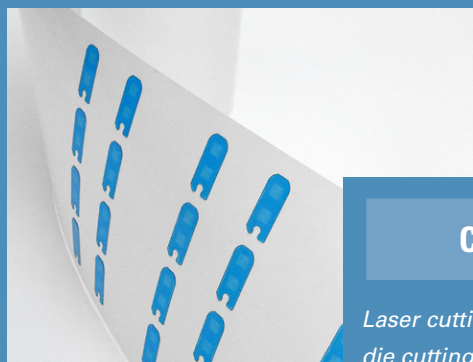
Tooling

Production of nickel stampers through electroforming



Production

Pioneer in efficient roll to roll -production



Cutting

Laser cutting die cutting suppliers



Integration

Thin foil enables variety of integration methods:

Injection molding / in mould labeling, glueing, lamination, heat stacking, ultrasonic welding

THIN FOIL OPTICS

NANOCOMP IN BRIEF

- Mass producer of thin foil components
- Specialized in nano- and microphotonics
- Focus on growth opportunities on hand-held device and solid state lighting sectors
- Long experience of tailormade diffractive pattern generators
- ISO9001, ISO14001 & OHSAS18001

NANOCOMP LTD is a high-tech company with 15 years of experience in the field of diffractive optics. Nanocomp provides versatile solutions for global customers focusing on design, tooling and mass production of thin foil optics.



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