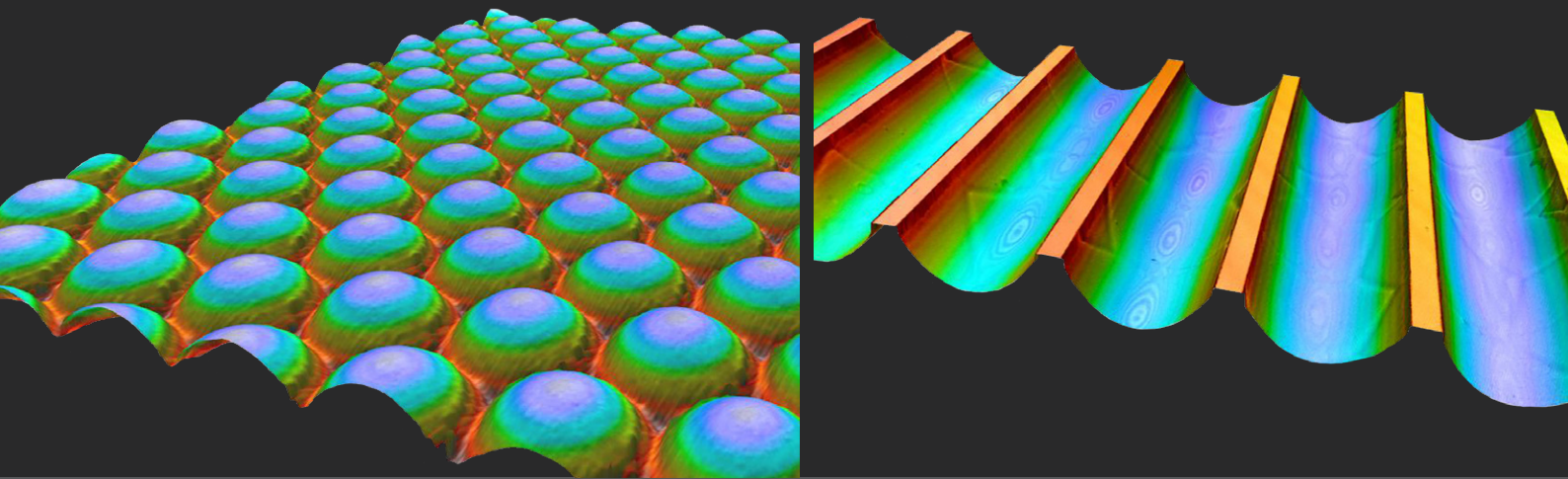


ULTRA THIN MLA FILMS

microlens array films manufactured
by UV roll-to-roll imprinting



KEY BENEFITS

- > Ultra thin and flexible
(down to 10 μm total thickness)
- > Excellent optical performance
by precise structures
- > Customized arrangements and
parameters

APPLICATIONS

- > Displays
- > Diffusers in BLU
- > CCD and CMOS sensors
- > Fiber couplers
- > 3D imaging and VR
- > Security and surveillance

SPECIFICATIONS

- > Shape: spherical, cylindrical, elliptical
(convex and concave)
- > Arrangement: hexagonal, rectangular
(up to 100 % fill factor), custom
- > Lens height: 0.5-10 μm
- > Lens minimum radius: 1 μm
- > Smallest F-number: f/1
- > Surface quality: optical, roughness <50 nm
- > Materials: PET, PMMA, PC
- > Max surface area up to 400 X 400 mm,
seamless



FLEXIBLE LIGHT GUIDING

NANOCOMP

