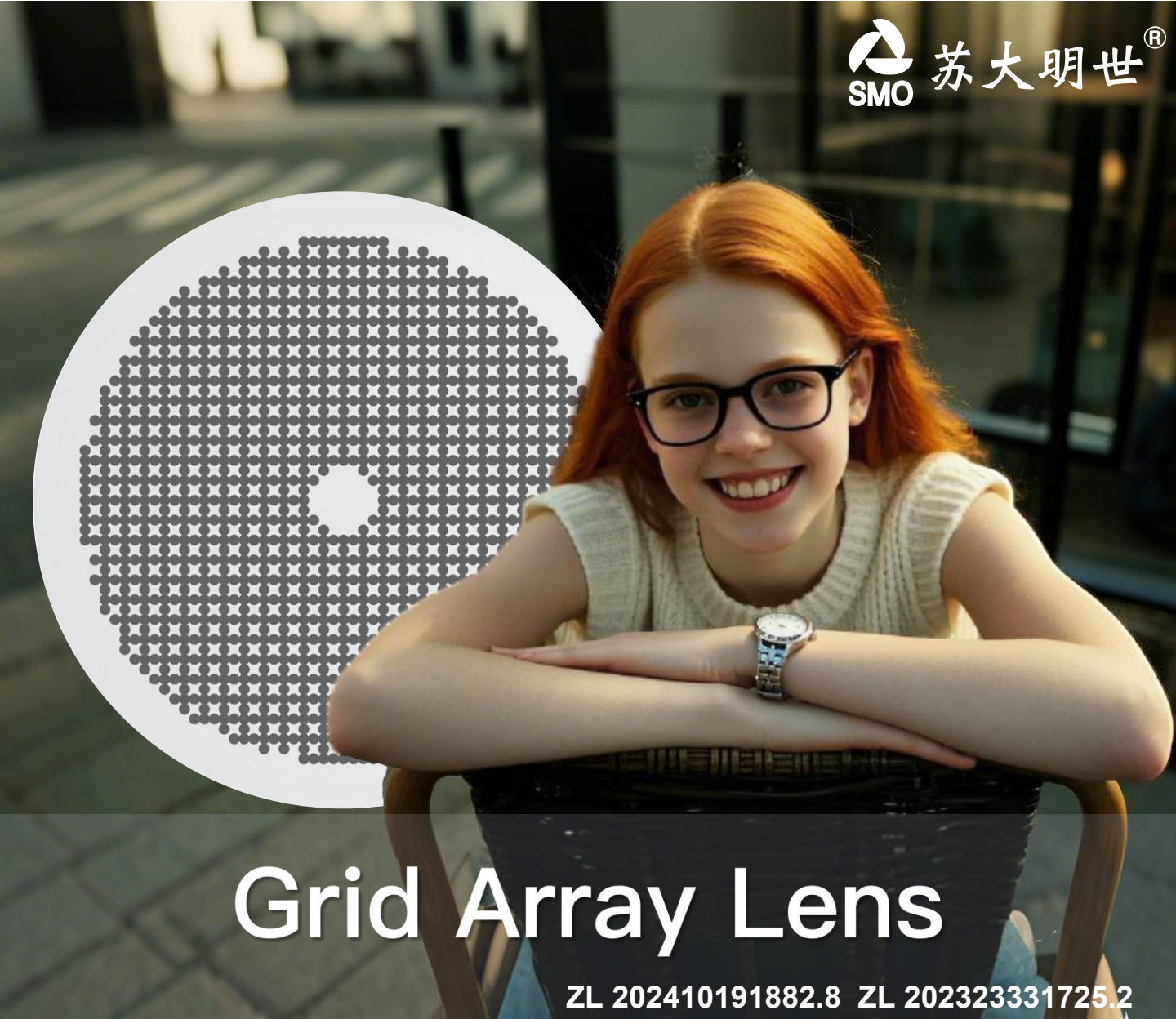




Grid Array Lens

ZL 202410191882.8 ZL 202323331725.2

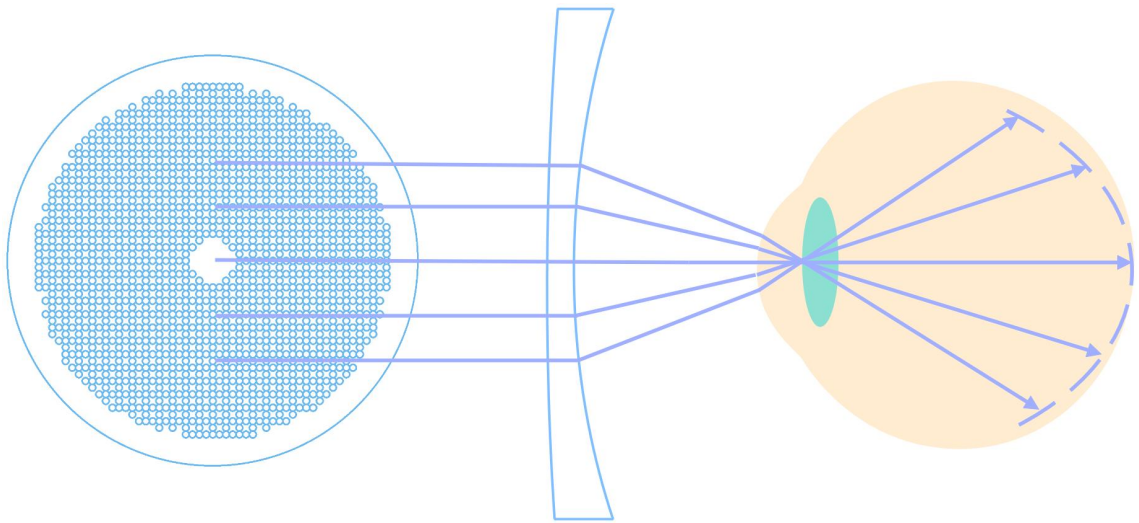
Product Advantages

- Dynamic aberration modulation technology, scientifically matching patient myopia data.
- Original grid array design, guiding the direction of myopia progression.
- The small optical zone combined with transition zone stimulation micro wave technology introduces diverse stimulation signals.

Most Suitable Wearers

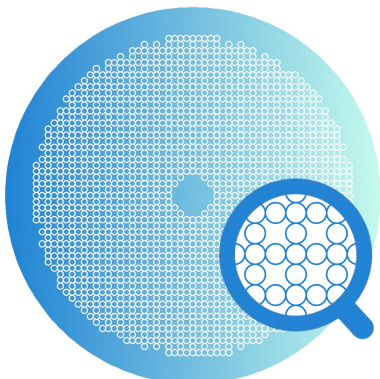
- Children and adolescents with progressive myopia
- Children and adolescents with insufficient reserve of farsightedness

Fundamental Hypothesis



By projecting the myopic defocus signal onto the periphery of the retina through a micro lens with positive additional refractive power, the axial growth of the eye is suppressed.

Mesh Filling Technology

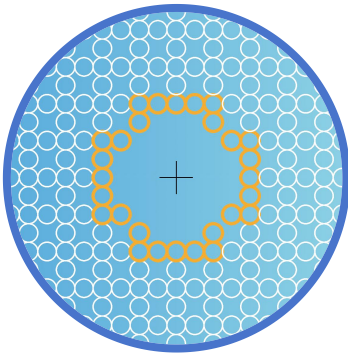
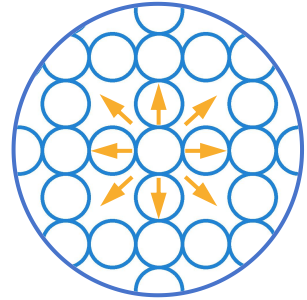


Feature 1—high fill rate

Microstructure filling rate up to **60%**;
Increasing the defocus area to obtain more defocus signals is expected to enhance the effectiveness of myopia prevention and control.

Feature 2——small optical zone + transition zone stimulates micro waves

Generate stimulation signals closer to the imaging sensitive area, combined with multi-directional visual micro waves introduced by the irregular central optical zone, to form diverse stimulation signals and improve the sustainability of myopia management.



Feature 3——Isotropy of structure

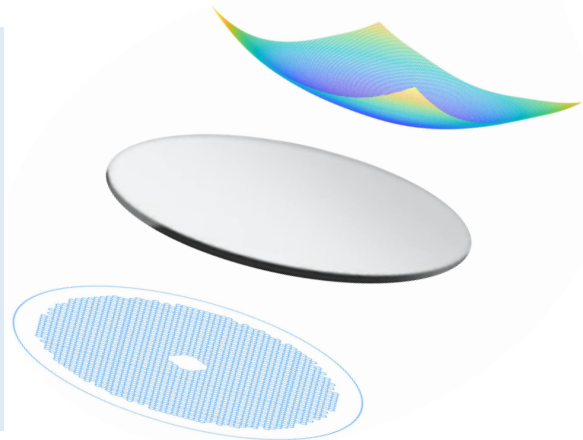
The original grid array structure presents differences between peripheral imaging and central imaging, and the stimulation signals in all directions are more balanced and stable, in order to better guide the direction of myopia development.

Dynamic Aberration Modulation Technology

Feature

——Adequate stimulation amount

According to different degrees of myopia and different positions, there are different RPRE, which is relatively more scientifically matched with the defocus stimulation amount at each location.



Feature ——Delaying drug resistance

Provide dynamic stimulation with agility to delay the onset of product resistance and enhance the sustainability of the effect.



Patents Provide Technical Protection



ZL 202323331725.2



ZL 202410191882.8

Clinical Trials Provide Scientific Convoy

Clinical location: First Affiliated Hospital of
Soochow University

Ethical Review Approval Number: (2024)

Lunan Approval No. 118

Clinical Manager: Yao Jingyan



Stimulus intensity evaluation---DPME

DPME is used to evaluate the performance of lenslet lens based on defocus amount, filling rate, diameter, surface shape, and optical zone diameter of the lens.

product	DIMS	HAL	CAREA	CAREB	Grid Array Lens
DPME	8.124	11.140	4.553	7.604	19.618



Production Information

refractive index	1.59 (PC)	Lens diameter: • SE less than -8.00D, 70mm • SE is -8.25D~-9.50D, 65mm • SE is -9.75D~11.00D, 60mm
DS	-11.00D~+2.00D	
DC	-4.00D~0.00D	
SE	-11.00D	
coating	green film, super water film, anti blue light film	