

ZL202122936042.4



E-Sharp Lens

Design Feature

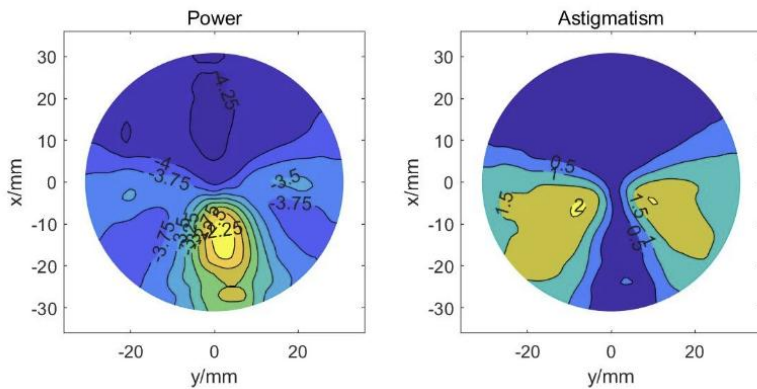
- Function enhanced ultra-short corridor hard design. The add value from FC to NRP occupies 95% of total value with a 13 mm only total corridor length.
- Ultra wide and stable far-vision area with a total clear viewing angle below 0.5 cyl line at both FRP and FC.
- Comparatively low distortion among ultra-short corridor lens, as to compared to traditional ultra-short corridor pal, with a 10-12% wider corridor and max unwanted astigmatism lower than 90% of add value.

Most Suitable Wearers

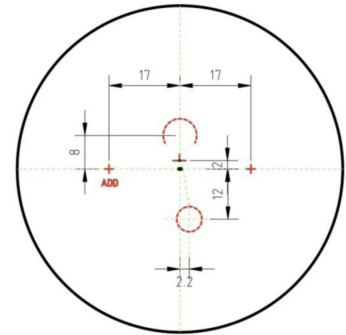
- Age: 45 plus
- Most suitable for those who have been adapted to progressive lens who likes both wider far-vision and reading area.
- Good choice for wearers with poor eye-rotation ability or Mini frame lovers.

Technical data

➤ Power plot



➤ Fitting diagram



Visual Benefits

- Clear-wide far vision and stable easy-to-reach reading area, both good for driving and reading.
- People Wide and stable near reading vision, no fatigue feeling even for long-time reading.

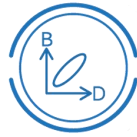
Notice

- Not a good choice for those distortion sensitive people

Patents Provide Technical Protection



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Optimal Base Curve Ratio



Seamless Continuous Vision



Inset Optimization for Read



Distortion Index: 66.62

Semi-finished parameters

Base Curve			Back Curve		Semi-Finished CT	Prescription Range	
Nominal	Actual (dpt)	Radius (mm)	Actual (dpt)	Radius (mm)		Sphere power	Cylinders
1.50	1.48D	378.378	6.60	84.848	10.0	-3.25~-6.00	≤-4.00
3.50	3.59D	155.989	6.60	84.848	7.5	-0.00~-3.00	≤-4.00
4.50	4.59D	122.00	6.60	84.848	10.4	+0.25~+3.00	≤-4.00
5.70	6.02D	93.02	6.60	84.848	14.3	+3.25~+5.00	≤-4.00
7.00	8.21D	68.21	6.60	84.848	17.2	+5.25~+8.00	≤-4.00