

Atoric design Design

Compensate the astigmatic aberration to the cylinder direction by means of marking the back side surface Aspheric. Make it possible further thinner and lighter lens.

- Wider

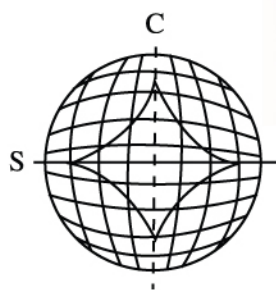
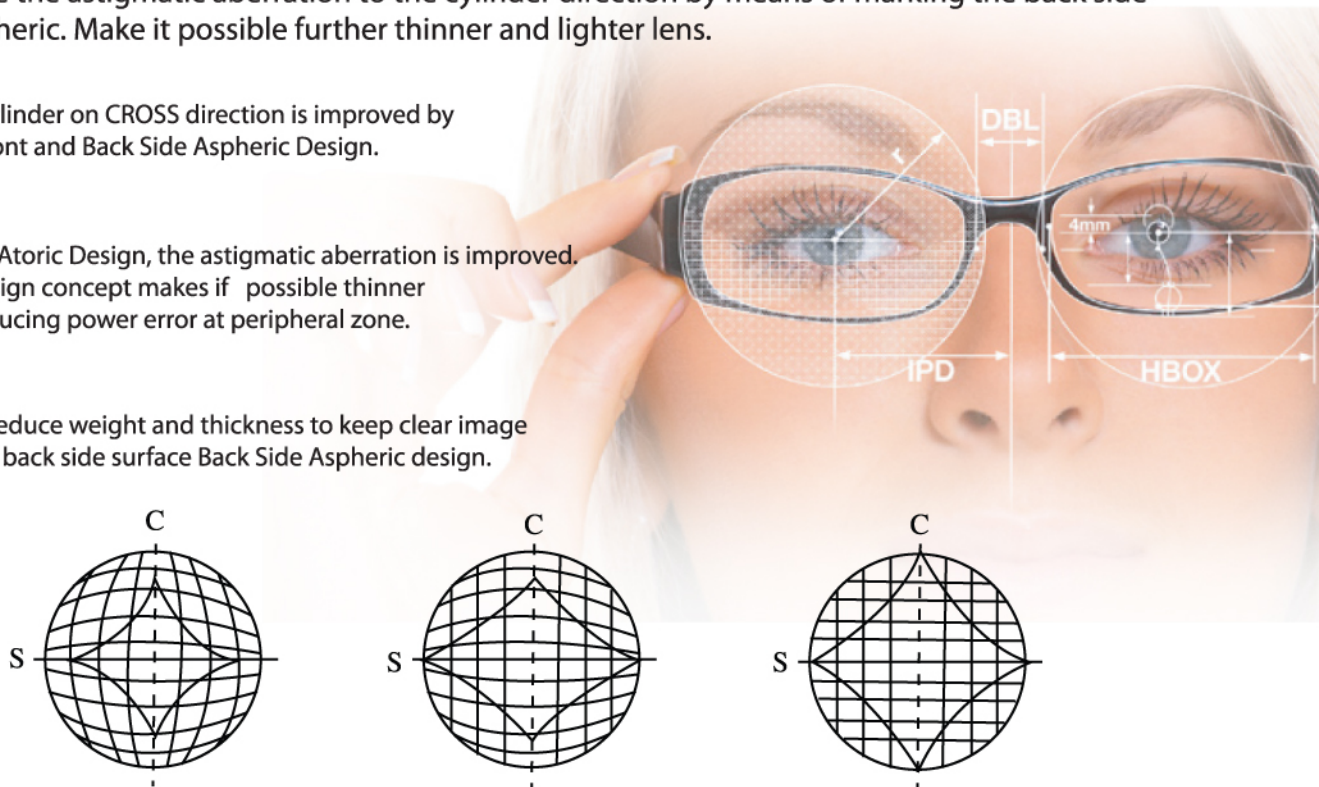
Degree of Cylinder on CROSS direction is improved by means of Front and Back Side Aspheric Design.

- Thinner

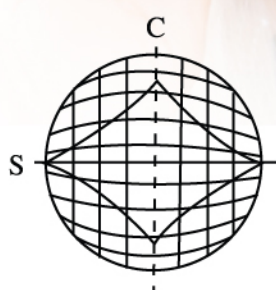
By Means of Atoric Design, the astigmatic aberration is improved. And new design concept makes it possible thinner lens with reducing power error at peripheral zone.

- Lighter

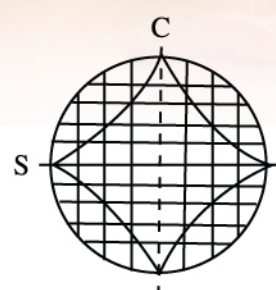
Possible to reduce weight and thickness to keep clear image by means of back side surface Back Side Aspheric design.



Normal Single Vision Lens



Front Side Aspherical Lens



SOLOtech

SOLOtech Individualised Single Vision Lens Power Range

Range / Material	Density / Abbe Value	UV	Total Power Range
1.498	1.3 / 58	-	+9.75D ~ -8.00D
1.53 Trivex	1.11 / 45	UVA / UVB	+8.00D ~ -8.00D
1.6	1.34 / 36	UVA / UVB	+8.75D ~ -9.50D
1.67	1.36 / 32	UVA / UVB	+14.00D ~ -11.00D
1.74	1.47 / 30	UVA / UVB	+12.00D ~ -12.00D

SOLOtech Individualised SunRange Single Vision Lens Power Range

Range / Material	Density / Abbe Value	UV	Total Power Range
1.498 Nupolar (Brown / Grey / Green)	1.31 / 58	UVA / UVB	+7.50D ~ -8.00D
1.6 Nupolar (Brown / Grey / Green)	1.34 / 36	UVA / UVB	+9.00D ~ -9.50D
1.67 Nupolar (Brown / Grey / Green)	1.36 / 32	UVA / UVB	+9.00D ~ -11.00D
1.5 Transition / XTRActive (Brown / Grey)	1.31 / 58	UVA / UVB	+7.50D ~ -8.00D
1.6 Transition / XTRActive (Brown / Grey)	1.34 / 36	UVA / UVB	+9.00D ~ -9.50D
1.67 Transition / XTRActive (Brown / Grey)	1.36 / 32	UVA / UVB	+9.00D ~ -11.00D
1.74 Transition (Brown / Grey)	1.47 / 30	UVA / UVB	+12.00D ~ -12.00D
Drivewear / Transition	1.31 / 59.3	UVA / UVB	+8.00D ~ -8.00D

SOLOtech₂ Lens Thickness Comparison

Normal index with Solotech lens thickness comparison

Material		1.6	1.6	1.67	1.67	1.74
		Spherical	SOLOtech	Spherical	SOLOtech	Aspherical
Diameter	Index	1.6	1.6	1.67	1.67	1.74
65mm	Center Thickness	1.2	1.2	1.1	1.1	1.0
Range	-8.00D	8.6	7.8	7.4	6.7	6.8
Range	-10.00D	10.9	9.2	9.4	8.2	8.5
		Spherical	SOLOtech	Spherical	SOLOtech	Aspherical
Diameter	Index	1.6	1.6	1.67	1.67	1.74
60mm	Center Thickness	1.2	1.2	1.1	1.1	1.0
Range	-8.00D	7.6	6.9	6.5	5.7	5.9
Range	-10.00D	9.5	8.3	8.0	7.0	7.3
		Spherical	SOLOtech	Spherical	SOLOtech	Aspherical
Diameter	Index	1.6	1.6	1.6	1.67	1.74
55mm	Center Thickness	1.2	1.2	1.1	1.1	1.0
Range	-8.00D	6.5	6.1	5.5	5.0	5.1
Range	-10.00D	8.0	8.0	6.8	6.2	6.3

Edge thickness Solotech lens comparison

Material		1.5	1.5	1.56	1.6
		Spherical	SOLOtech	Spherical	SOLOtech
Diameter	Index	1.5	1.5	1.56	1.6
65mm	Center Thickness	2.0	2.0	1.6	1.2
Range	-3.00D	5.6	5.1	4.7	4.1
		Spherical	SOLOtech	Spherical	SOLOtech
Diameter	Index	1.5	1.5	1.56	1.6
60mm	Center Thickness	2.0	2.0	1.6	1.2
Range	-3.00D	5.0	4.6	4.2	3.6
		Spherical	SOLOtech	Spherical	SOLOtech
Diameter	Index	1.5	1.5	1.56	1.6
55mm	Center Thickness	2.0	2.0	1.6	1.2
Range	-3.00D	4.5	4.3	3.7	3.2

