
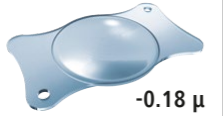
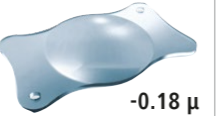
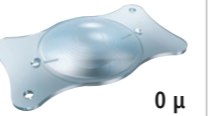
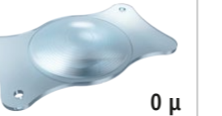
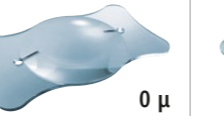
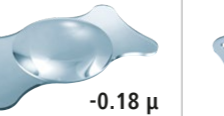
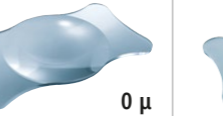
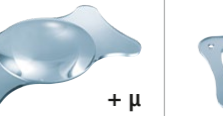
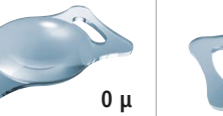



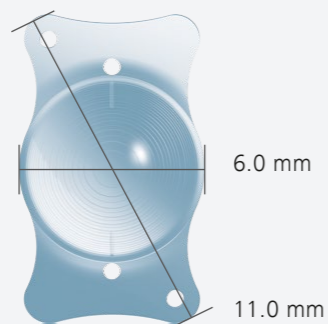
ZEISS IOL Portfolio

Refractive Index n = 1.46
Abbe Number = 58

	Advanced Technology						Cataract Technology				
	Trifocal toric	Trifocal	Bifocal	EDoF toric	EDoF	Monofocal toric	Monofocal				
	AT LISA® tri toric 939MP AT LISA tri toric 939M	AT LISA tri 839MP	AT LISA 809MP AT LISA 809M	AT LARA® toric 929MP AT LARA toric 929M	AT LARA 829MP	AT TORBI® 709MP AT TORBI 709M	CT ASPHINA® 509MP CT ASPHINA 509M	CT ASPHINA 409MP CT ASPHINA 409M	CT SPHERIS® 209M	CT ASPHINA 404	CT SPHERIS 204
	 -0.09 μ	 -0.18 μ	 -0.18 μ	 0 μ	 0 μ	 0 μ	 -0.18 μ	 0 μ	 + μ	 0 μ	 + μ
	Micro Incision (MICS)									Standard Incision	
Optic Design	Trifocal, bitoric, diffractive, +3.33 D near add and +1.66 D intermediate add at IOL plane, aspheric, aberration correcting	Trifocal, diffractive, +3.33 D near add and +1.66 D intermediate add at IOL plane, aspheric, aberration correcting	Bifocal, diffractive, +3.75 D near add at IOL plane, aspheric, aberration correcting	Extended Depth of Focus, diffractive: +0.95 D and +1.9 D add at IOL plane, bitoric, aspheric, aberration neutral	Extended Depth of Focus, diffractive: +0.95 D and +1.9 D add at IOL plane, aspheric, aberration neutral	Monofocal, bitoric, aspheric, aberration neutral	Monofocal, aspheric, aberration correcting	Monofocal, aspheric, aberration neutral	Monofocal, spheric	Monofocal, aspheric, aberration neutral	Monofocal, spheric
Incision Size	1.8 mm	1.8 mm	1.8 mm	1.8 mm	1.8 mm	1.8 mm	1.8 mm	1.8 mm	1.8 mm	2.2 mm	2.2 mm
Dioptric Range	Sphere -10.0 to +32.0 D Cylinder +1.0 to +12.0 D ¹	From 0.0 to +32.0 D	From 0.0 to +32.0 D	Please note: Spherical Equivalent (SE) -4.0D to +32.0 D Cylinder +1.0 D to +12.0 D ^{2,3}	From -10.0 to +32.0 D	Sphere -10.0 to +32.0 D Cylinder +1.0 D to +12.0 D ⁴	From 0.0 to +32.0 D	From 0.0 to +32.0 D	From 0.0 to +32.0 D	From -10.0 to +42.0 D	From -10.0 to +45.0 D
Dioptric Increments	0.5 D increments 29 rings 0 D 21 rings 32 D	0.5 D increments 29 rings 0 D 21 rings 32 D	0.5 D increments 29 rings 0 D 21 rings 32 D	0.5 D increments 15 rings 0 D 13 rings 32 D	0.5 D increments 15 rings 0 D 13 rings 32 D	0.5 D increments	0.5 D increments +10.0 to +30.0 D 1.0 D increments 0.0 to +10.0 D +30.0 to +32.0 D	0.5 D increments +10.0 to +30.0 D 1.0 D increments 0.0 to +10.0 D +30.0 to +32.0 D	0.5 D increments +10.0 to +30.0 D 1.0 D increments 0.0 to +10.0 D +30.0 to +32.0 D	0.5 D increments +10.0 to +30.0 D 1.0 D increments -10.0 to +10.0 D +30.0 to +42.0 D	0.5 D increments +10.0 to +30.0 D 1.0 D increments -10.0 to +10.0 D +30.0 to +45.0 D
Company Labeled A Constant*	118.8	118.6	117.8	118.5	118.5	118.3	118.3	118.0	117.9	118.3	118.2
ACD Constant*	5.32	5.32	4.85	5.20	5.20	5.14	5.14	4.97	4.91	5.14	5.08
Preloaded Injector**	BLUEMIXS® 180 Up to +28.0 D sphere Up to +4.0 D cylinder	BLUEMIXS 180	BLUEMIXS 180	BLUEMIXS 180 Up to +32.0 D SE Up to +4.0 D cylinder	BLUEMIXS 180	BLUEMIXS 180 Up to +28.0 D sphere Up to +4.0 D cylinder	BLUEMIXS 180	BLUEMIXS 180			
Single Use Injector**	VISCOJECT™-BIO 2.2 Injector set		VISCOJECT-BIO 1.8 Injector Set			VISCOJECT-BIO 1.8 Injector Set	VISCOJECT-BIO 1.8 Injector Set	VISCOJECT-BIO 1.8 Injector Set	VISCOJECT-BIO 1.8 Injector Set	VISCOJECT-BIO 2.2 Injector Set	VISCOJECT-BIO 2.2 Injector Set
Reusable Injector**	AT.Shooter A1-2000 / VISCOJECT™-BIO 2.2 Cartridge Set		AT.Shooter A2-2000 / AT.Smart Cartridge <i>or</i> AT.Shooter A1-2000 / VISCOJECT-BIO 1.8 Cartridge Set			AT.Shooter A2-2000 / AT.Smart Cartridge <i>or</i> AT.Shooter A1-2000 / VISCOJECT-BIO 1.8 Cartridge Set	AT.Shooter A2-2000 / AT.Smart Cartridge <i>or</i> AT.Shooter A1-2000 / VISCOJECT-BIO 1.8 Cartridge Set	AT.Shooter A2-2000 / AT.Smart Cartridge <i>or</i> AT.Shooter A1-2000 / VISCOJECT-BIO 1.8 Cartridge Set	AT.Shooter A2-2000 / AT.Smart Cartridge <i>or</i> AT.Shooter A1-2000 / VISCOJECT-BIO 1.8 Cartridge Set	AT.Shooter A1-2000 / VISCOJECT-BIO 2.2 Cartridge Set	AT.Shooter A1-2000 / VISCOJECT-BIO 2.2 Cartridge Set
High Diopter Injector**	VISCOJECT-BIO 2.2 Sphere +28.5 to +32.0 D			VISCOJECT-BIO 2.2 for non preloaded AT LARA toric 929M ³ -4.0 D to +32.0 D SE +4.5 D to +12.0 D cylinder		VISCOJECT-BIO 2.2 Sphere +28.5 to +32.0 D				ACCUJECT™ 3.0-1P Sphere +31.0 to +42.0 D	ACCUJECT 3.0-1P Sphere +31.0 to +45.0 D

ZEISS 4-haptic IOL features

- Material: Hydrophilic acrylic (25%) with hydrophobic surface properties
- Optic Diameter: 6.0 mm
- Total Diameter: 11.0 mm
- Haptic Angulation: 0°
- Lens Design: Single-piece



Trifocal and EDoF design with additional PCO barrier

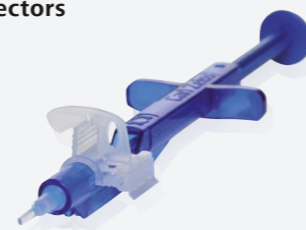


Standard design



square edges ↑

Injectors



BLUEMIXS 180 Injector



VISCOJECT-BIO Injector



AT.Shooter Injector

*For optimized A Constants and ACD Constants go to the ULIB web site. **Please refer to our web site www.meditec.zeiss.com/iol for the most up-to-date references. Some IOLs are not for sale in all countries.

¹The preloaded AT LISA tri toric 939MP is available in the dioptric range: sphere -10.0 to +28.0 D, cyl. +1.0 D to +4.0 D. The non-preloaded AT LISA tri toric 939M is available in the dioptric ranges: sphere -10.0 D to +28.0 D, cyl. +4.5 D to +12.0 D and +28.5 to +32.0 D, cyl. +1.0 D to +12.0 D.

²The preloaded AT LARA toric 929MP is available in the dioptric range: spherical equivalent -8.0 to +32.0 D, cyl. +1.0 D to +4.0 D. Further preselected SE/cylinder combinations are available above and below the stated SE range.

³The non-preloaded AT LARA toric 929M is available in the dioptric ranges: spherical equivalent -4.0 D to +32.0 D, cyl. +4.5 D to +12.0 D. Further preselected SE/cylinder combinations are available above and below the stated SE range.

⁴The preloaded AT TORBI 709MP is available in the dioptric range: sphere -10.0 to +28.0 D, cyl. +1.0 D to +4.0 D. The non-preloaded AT TORBI 709M is available in the dioptric ranges: sphere -10.0 to +32.0 D, cyl. +1.0 D to +12.0 D.

Cataract Technology

Monofocal

CT LUCIA® 211P

CT LUCIA 611P
CT LUCIA 611PY



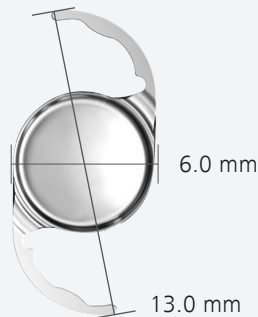
Refractive Index n = 1.49
Abbe Number = 51

Standard Incision

Optic Design	Monofocal, spheric	Monofocal, aspheric, aberration correcting
Incision Size	2.2 mm	2.2 mm
Dioptric Range	From +4.0 to +34.0 D	From +4.0 to +34.0 D
Dioptric Increments	0.5 D increments +4.0 to +34.0 D	0.5 D increments +4.0 to +34.0 D
Company Labeled A Constant*	119.8	119.9
ACD Constant	6.03	6.14
Fully Preloaded Injector**	BLUEJECT™ 2.0 Injector for diopter range +4.0 to +24.0 D BLUEJECT 2.2 Injector for diopter range +24.5 to +30.0 D BLUEJECT 2.4 Injector for diopter range +30.5 to +34.0 D	BLUEJECT™ 2.0 Injector for diopter range +4.0 to +24.0 D BLUEJECT 2.2 Injector for diopter range +24.5 to +30.0 D BLUEJECT 2.4 Injector for diopter range +30.5 to +34.0 D

ZEISS CT LUCIA features

- Material: Hydrophobic acrylic with heparin coated surface
- Optic Diameter: 6.0 mm
- Total Diameter: 13.0 mm
- Haptic Angulation: Step vaulted
- Lens Design: Single-piece, optionally with blue light filter (611PY only)



Injector



BLUEJECT (fully preloaded injector system)