

TELEON[®]



LENTIS[®] Family of Progressive Optic IOLS

Type	Optic Size	Overall Length	Haptic Angulation	Design	Material	Refractive Index
Foldable one-piece acrylic IOL	6.0 mm	11.0 mm	0°	Optic and haptics with square edges, posterior 360° continuous barrier effect	HydroSmart [®] - a copolymer, consisting of acrylates with hydrophobic surface, UV absorbing	1.46

EDOF + Multifocal

aspheric

	LENTIS [®] Comfort	LENTIS [®] M _{plus}
Optic Design	Biconvex Aspherical surface - posterior, sector shaped near vision segment	-Diopters: Convex-concave +Diopters: Biconvex Aspherical surface - posterior, sector shaped near vision segment - anterior
Available Diopters	±0.0 to 36.0 D (0.5D)	-10.0 to -1.0D (1.0D) ±0.0 to +36.0D (0.5D)
Recommended Incision Size	2.2 mm / 2.6 mm	2.0 mm / 2.4 mm
Recommended Injector Sets [disposable]	ACCUJECT [™] 1.8-BL Injector Set LP604545 ACCUJECT [™] 2.2-BL Injector Set LP604535	ACCUJECT [™] 1.8-BL Injector Set LP604545 ACCUJECT [™] 2.2-BL Injector Set LP604535

IOL-Constants (ULIB*)

ACD	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*Barrett	*Holl.2	*Hill RBF
4.97	A = 118.0	a0 = 0.95 a1 = 0.40 a2 = 0.10	pACD = 5.21	Sf = 1.47	A = 118.5	A = 118.6	LF = 1.62	5.260	A = 118.5

15
Comfort

20
M_{plus}

30
M_{plus}

	D	I	N
15 Comfort	★★★★★	★★★★★	★★★
20 M _{plus}	★★★★★	★★★★★	★★★★
30 M _{plus}	★★★★★	★★★★	★★★★★

Rating: poor (), fair (★), good (★★), very good (★★★), excellent (★★★★★)
DIN: D = distance vision, I = intermediate vision, N = near vision

EDOF Toric + Multifocal-toric

customised aspheric

	LENTIS [®] Comfort ^{toric}	LENTIS [®] M _{plus} ^{toric}
Optic Design	Biconvex Aspherical and toric surface - posterior, sector shaped near vision segment – anterior: +1.5D	Biconvex Aspherical and toric surface - posterior, sector shaped near vision segment - anterior
Available Diopters	SE +10.0D to +30.0D (0.5D) Cyl.: T0 +0.75D T3 +3.0D T6 +5.25D T1 +1.5D T4 +3.75D T2 +2.25D T5 +4.5D	Sph. ±0.0 to +36.0D (0.01D) Cyl. +0.25 to +12.0D (0.01D) (Sph. + Cyl. < 40.0D) Axis (1° -scaling)
Recommended Incision Size	2.4 mm	2.4 mm
Recommended Injector Sets [disposable]	ACCUJECT [™] 2.2-BL Injector Set LP604535	ACCUJECT [™] 2.2-BL Injector Set LP604535

IOL-Constants (ULIB*)

ACD	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*Barrett	*Holl.2	*Hill RBF
4.97	A = 118.0	a0 = 0.870 a1 = 0.40 a2 = 0.10	pACD = 5.11	Sf = 1.33	A = 118.2	A = 118.2	LF = 1.46	5.075	A = 118.2

15
Comfort^{toric}

20
M_{plus}^{toric}

30
M_{plus}^{toric}

	D	I	N
15 Comfort ^{toric}	★★★★★	★★★★★	★★★
20 M _{plus} ^{toric}	★★★★★	★★★★★	★★★★
30 M _{plus} ^{toric}	★★★★★	★★★★	★★★★★

Rating: poor (), fair (★), good (★★), very good (★★★), excellent (★★★★★)
DIN: D = distance vision, I = intermediate vision, N = near vision

What do professionals say about the LENTIS line of lenses?

Comfort

"I have been using the LENTIS Comfort and I am enormously impressed with the outcomes and the levels of spectacle independence that this gives to my patients. I have had these lenses implanted in both my eyes and am delighted with the outcome. I can wholeheartedly recommend this intraocular lens for suitable patients."

Brendan Moriarty,

Consultant Ophthalmic Surgeon, Optegra Prospect Eyeclinic, Altrincham/Cheshire, UK, 2013, data on file.

"3 years ago I would have only considered a monofocal lens for my own eyes, but if I was considering surgery right now this is the lens I would have myself."

Julian Stevens,

Consultant Ophthalmic Surgeon, Moorfield Eye Hospital, UK, 2013.

Mplus^{toric}

"I have to say that, of all the multifocal toric IOLs on the market, the best experience we have had, has been with the Mplus Toric. The loss of light is the lowest among all of the multifocal lenses, and the accuracy of the IOL manufacturing is excellent. Another good thing about the Mplus Toric is that the lens is always implanted in the same position; there is no need to rotate the lens toward the axis of astigmatism. You just implant it at the 12- o'clock position

(90°), and it always fits well in the eye. I have yet to see a case in which the lens decenters, and this is much more than I can say for competing lenses from other companies."

Prof. Dr. Gerd U. Auffarth, MD, PhD in LENTIS Mplus and LENTIS Mplus Toric

Advanced multifocal IOL technology for the treatment of presbyopia, astigmatism, and cataract, supplement to CRST Europe 02/2012.

Mplus

"I think that what we have to remember is that diffractive multifocal lenses have been available for 20 years, with a typical energy loss of approximately 20%. If we compare this to 7% (with the Mplus), the difference is not the 14% or 15% we showed in our study—the difference is a 66% less loss of energy. I think if you look at it from this perspective, then you can understand the big difference between this and other multifocal IOLs."

Prof. Dr. Gerd U. Auffarth, MD, PhD in LENTIS Mplus and LENTIS Mplus Toric

Advanced multifocal IOL technology for the treatment of presbyopia, astigmatism, and cataract, supplement to CRST Europe 02/2012.

"My results were so good that I moved to implanting only this lens, without particular discrimination in terms of patient selection."

Prof. Dr. Jorge L. Alió, MD, PhD in LENTIS Mplus

The only Presbyopia Lens with HD-Vision, supplement to CRST Europe 05/2010.