



LENTIS[®] FEMTIS[®] ACUNEX[®]

The ultimate
IOL collection

PASSION FOR PERFECT VISION



LASER
TAG

COMFORT

Vario

QUANTUM

VarioMax

Mplus

Tplus

The standard IOL for natural distance vision

A standard intraocular lens reliably treats cataracts, but will not meet the desire for more independence from glasses in near and intermediate areas. It follows that the patient will continue to be dependent on special and cost-intensive spectacles despite cataract surgery. A standard IOL is the right choice for patients who do not feel disturbed by a visual aid.

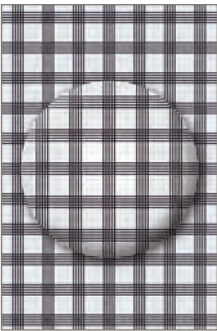
Spherical intraocular lenses

- The quality of vision is determined by optical reduced imaging errors
- External light rays are refracted more strongly
- Reduced contrast



Aspherical intraocular lenses

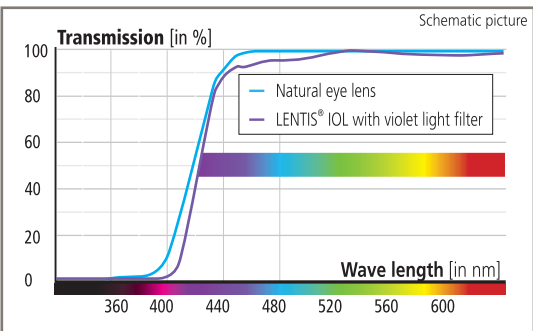
- Correct focus on the macula
- Improved contrast perception
- Improved color perception



LENTIS®

- Hydrophobic surface properties
- Natural UV light filter
- Violet light filter for LS-312Y and LS-313Y

Violet light filter

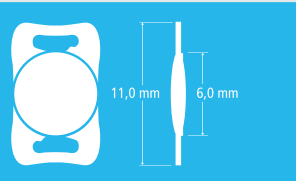
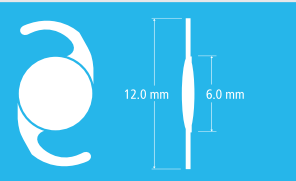
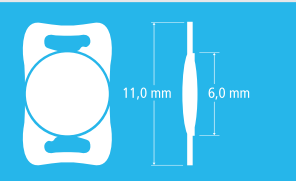


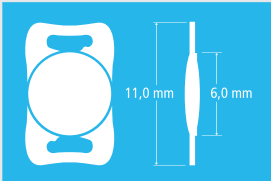
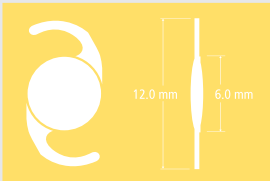
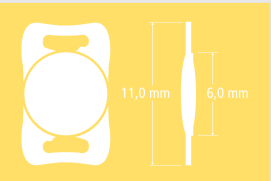
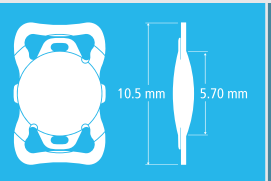
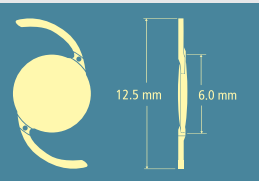
FEMTIS®

- Automated capsulorhexis
- Very high rotational stability
- Hydrophilic

ACUNEX®

- Glistening free material
- Natural UV and blue light filter
- Hydrophobic

			
Product	LENTIS® L-303	LENTIS® L-312	LENTIS® L-313
Optic Design	monofocal	monofocal	monofocal
Surface Design	spheric	aspheric	aspheric
Addition	-	-	-
Material	HydroSmart®	HydroSmart®	HydroSmart®
Optic Size	6.0 mm	6.0 mm	6.0 mm
Overall Length	11.0 mm	12.0 mm	11.0 mm
Refractive Index	1.46	1.46	1.46
UV Filter	Yes	Yes	Yes
Violet Light Filter	-	-	-
Blue Light Filter	-	-	-
Available Diopters	±0.0 D to +35.0 D (1.0 D) +10.5 D to +26.5 D (0.5 D)	-10.0 D to +35.0 D (1.0 D) +10.5 D to +29.5 D (0.5 D)	-10.0 D to +35.0 D (1.0 D) +10.5 D to +29.5 D (0.5 D)

				
LENTIS® L-323	LENTIS® LS-312Y	LENTIS® LS-313Y	FEMTIS® FB-313	ACUNEX® AN6
monofocal	monofocal	monofocal	monofocal	monofocal
super-aspheric	aspheric	aspheric	aspheric	aspheric
-	-	-	-	-
HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	hydrophobic acrylate
6.0 mm	6.0 mm	6.0 mm	5.7 mm	6.0 mm
11.0 mm	12.0 mm	11.0 mm	10.5 mm	12.5 mm
1.46	1.46	1.46	1.46	1.54
Yes	Yes	Yes	Yes	Yes
-	Yes	Yes	-	-
-	-	-	-	Yes
SE: ±0.0 D to +35.0 D (1.0 D) SE: +10.5 D to +29.5 D (0.5 D)	±0.0 D to +35.0 D (1.0 D) +15.5 D to +26.5 D (0.5 D)	±0.0 D to +35.0 D (1.0 D) +15.5 D to +26.5 D (0.5 D)	SE: +15.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)

MONOFOCAL TORIC

FOCUS ON DISTANCE WITH ASTIGMATISM CORRECTION

Monofocal toric IOL for individual astigmatism correction

Easy and effective astigmatism correction

from cyl.
0.50 D

Toric IOL

otherwise
there is a risk
of 1/3 loss of
vision

E_E

E_E

E_E

E_E

Astigmatism

Deterioration in vision at all distances if the cornea of the eye is not evenly round.

pre-op

post-op

Simulation of vision

■ LENTIS® Tplus correction cylinders
0.75 D - 5.25 D

■ LENTIS® TplusX correction cylinders
0.5 D - 10.0 D

■ Correction of 99% of all regular corneal astigmatisms

Online configuration:

www.teleon-toric.com

ENHANCED MONOFOCAL

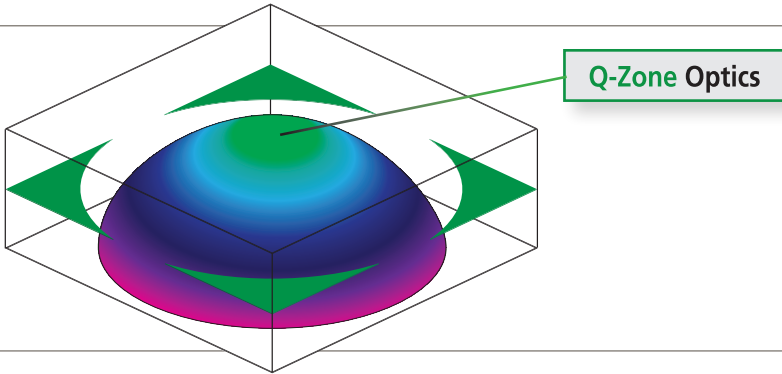
THE BETTER STANDARD IOL

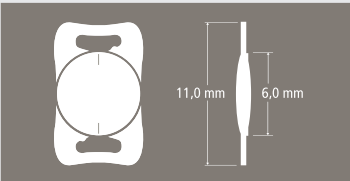
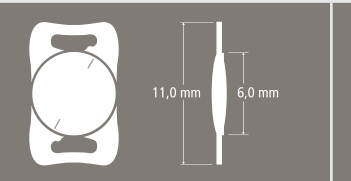
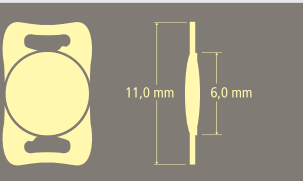
A quantum leap for standard monofocal cataract surgery

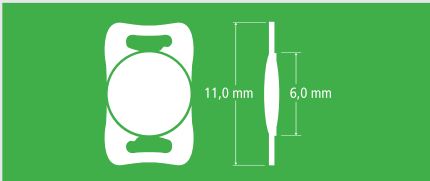
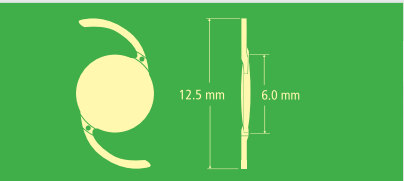
Quantum IOLs are a new generation of monofocal intraocular lenses that provide improved vision into the intermediate range. Only very little photic phenomena reported. They offer very good contrast vision as with conventional monofocal intraocular lenses.

Q-Zone technology

- New, progressive surface profile
- Stepless, smooth transition
- Essential for better vision with more depth of field



			
Product	LENTIS® Tplus LS-313 T0-T6	LENTIS® TplusX LU-313 T	LENTIS® TplusX LU-313 TY
Optic Design	monofocal	monofocal	monofocal
Surface Design	aspheric	aspheric	aspheric
Addition	-	-	-
Material	HydroSmart®	HydroSmart®	HydroSmart®
Optic Size	6.0 mm	6.0 mm	6.0 mm
Overall Length	11.0 mm	11.0 mm	11.0 mm
Refractive Index	1.46	1.46	1.46
UV Filter	Yes	Yes	Yes
Violet Light Filter	-	-	Yes
Blue Light Filter	-	-	-
Available Diopters	SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D T4 +3.75 D T5 +4.5 D T6 +5.25 D	Sph.: -10.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	Sph.: -10.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured

	
LENTIS® L-333	ACUNEX® AN6Q
enhanced monofocal	enhanced monofocal
aspheric	aspheric
enhanced	enhanced
HydroSmart®	hydrophobic acrylate
6.0 mm	6.0 mm
11.0 mm	12.5 mm
1.46	1.54
Yes	Yes
-	-
-	Yes
SE: +10.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)



EXTENDED DEPTH OF FOCUS [EDOF]

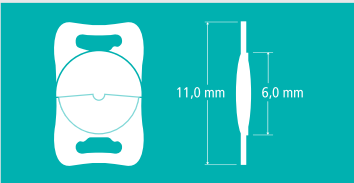
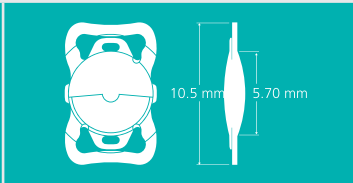
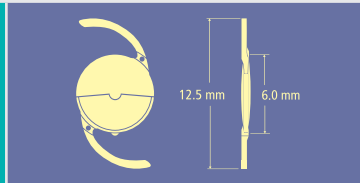
FOCUS ON DISTANCE AND INTERMEDIATE RANGES

The vanguard EDOF IOL with advanced segmented optics

The new generation of EDOF intraocular lenses offers an innovative and unique patented lens concept with extended depth of focus (EDOF - Extended Depth of Focus), which in particular meets the high demands of cataract patients with regard to the refractive result. Positioned between standard and varifocal IOLs, EDOF IOLs offer the possibility of making both distance and intermediate vision more spectacle-independent in the long term. Toric versions are also available for patients with astigmatism.

Advantages of the EDOF family at a glance

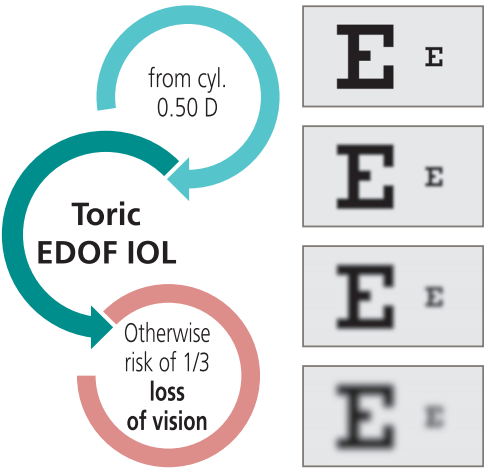
- Excellent visual acuity results for the distance and intermediate ranges
- More spectacle independence compared to monofocal standard IOL results in a better quality of life
- Good contrast - comparabel with monofocal standard IOLs

			
Product	LENTIS® Comfort LS-313 MF15	FEMTIS® Comfort FB-313 MF15	ACUNEX® VARIO AN6V
Optic Design	EDOF	EDOF	EDOF
Surface Design	aspheric	aspheric	aspheric
Addition	1.5 D	1.5 D	1.5 D
Material	HydroSmart®	HydroSmart®	hydrophobic acrylate
Optic Size	6.0 mm	5.7 mm	6.0 mm
Overall Length	11.0 mm	10.5 mm	12.5 mm
Refractive Index	1.46	1.46	1.54
UV Filter	Yes	Yes	Yes
Violet Light Filter	-	-	-
Blue Light Filter	-	-	Yes
Available Diopters	SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)	SE: +15.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)

EDOF TORIC

EXTENDED DEPTH OF FOCUS WITH ASTIGMATISM CORRECTION

Toric EDOF IOL for correcting astigmatism



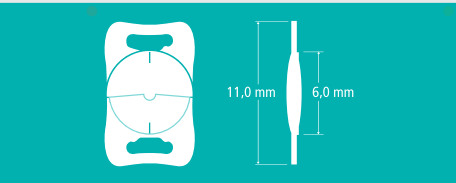
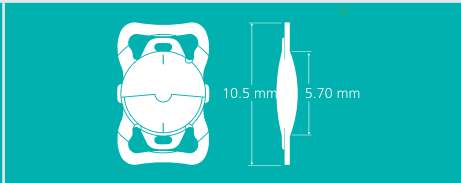
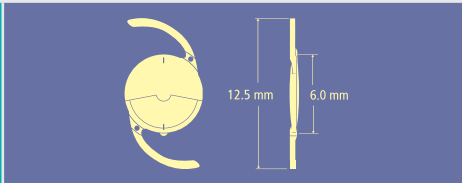
Astigmatism

Deterioration in vision at all distances if the cornea of the eye is not evenly round.



- Toric EDOF IOLs: Correction cylinder 0.75 D - 5.25 D
- Correction of 99% of all regular corneal astigmatisms

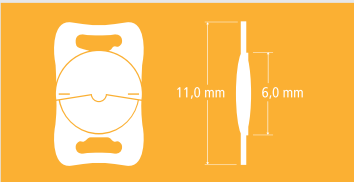
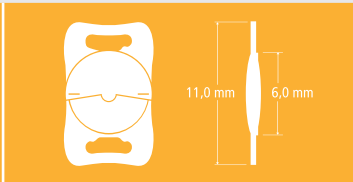
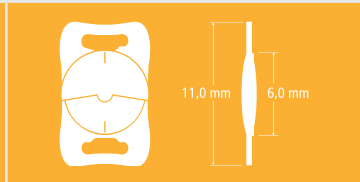
Online configuration:
www.teleon-toric.com

		
LENTIS® Comfort-toric LS-313 MF15T0-T6	FEMTIS® Comfort-toric FB-313 MF15T0-T3	ACUNEX® VARIO TORIC AN6VT0-T3
EDOF toric	EDOF toric	EDOF toric
aspheric	aspheric	aspheric
1.5 D	1.5 D	1.5 D
HydroSmart®	HydroSmart®	hydrophobic acrylate
6.0 mm	5.7 mm	6.0 mm
11.0 mm	10.5 mm	12.5 mm
1.46	1.46	1.54
Yes	Yes	Yes
-	-	-
-	-	Yes
SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D T4 +3.75 D T5 +4.5 D T6 +5.25 D	SE: +15.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D	SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D

VARIFOCALEFFECT
FOR ALL DISTANCES

The premium IOL family for optimal treatment
of cataract and presbyopia

With the help of the premium intraocular lenses, you can fulfil your demanding patients’ wish to enjoy everyday life without glasses again. The intraocular lenses with varifocal effect enable presbyopia patients to see clearly again at all distances.

			
Product	LENTIS® Mplus LS-313 MF20	LENTIS® Mplus LS-313 MF30	LENTIS® Mplus LS-313 MF30T0-T6
Optic Design	multifocal	multifocal	multifocal toric
Surface Design	aspheric	aspheric	aspheric
Addition	2.0 D	3.0 D	3.0 D
Material	HydroSmart®	HydroSmart®	HydroSmart®
Optic Size	6.0 mm	6.0 mm	6.0 mm
Overall Length	11.0 mm	11.0 mm	11.0 mm
Refractive Index	1.46	1.46	1.46
UV Filter	Yes	Yes	Yes
Violet Light Filter	-	-	-
Blue Light Filter	-	-	-
Available Diopters	SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)	SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)	SE: +10.0 to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D T4 +3.75 D T5 +4.5 D T6 +5.25 D

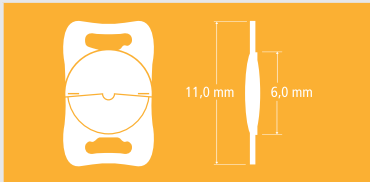
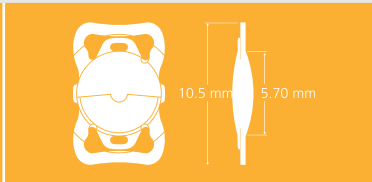
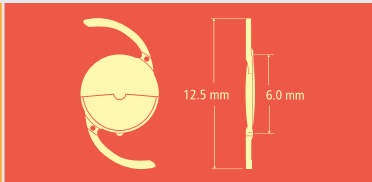


Presbyopia

For many patients, the age-related deterioration of near and intermediate vision goes hand in hand with a sense of losing their freedom and independence. Varifocal intraocular lenses are an alternative to reading and varifocal spectacles and offer a permanent solution to this problem.

Continuous transmission technology

- Large aspherical distance optic zone
- Central distance-lenslet
- Prolate surface profile between distance-lenslet and the varifocal segment
- Smooth transmedial surface transitions
- Segment with varifocal addition

		
LENTIS® Mplus LS-313 MF30	FEMTIS® Mplus FB-313 MF30	ACUNEX® VARIOMax AN6VM
multifocal	multifocal	multifocal
aspheric	aspheric	aspheric
3.0 D	3.0 D	3.0 D
HydroSmart®	HydroSmart®	hydrophobic acrylate
6.0 mm	5.7 mm	6.0 mm
11.0 mm	10.5 mm	12.5 mm
1.46	1.46	1.54
Yes	Yes	Yes
-	-	-
-	-	Yes
SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)	SE: +15.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)

VARIFOCAL TORIC EFFECT

PATIENT-MATCHED WITH ASTIGMATISM CORRECTION

Varifocal toric IOL for presbyopia and astigmatism correction

from cyl.
0.50 D

Varifocal
toric IOL

Otherwise
risk of 1/3
loss
of vision

E E

E E

E E

E E

Astigmatism

Deterioration in vision at all distances if the cornea of the eye is not evenly round.

Vision with astigmatism

Simulation of vision

Rotational stability

■ High rotational stability (<2.8°)

■ Effective correction of the corneal cylinder

■ Pre-op astigmatism average cyl 1,41 D

■ Post-op residual astigmatism average cyl 0.18 D

Study results: Patrick J. Chiam (MD)

Online configuration:

www.teleon-toric.com

■ Varifocal toric IOLs correct astigmatism and presbyopia simultaneously

■ Correction of 99% of all regular corneal astigmatisms

VARIFOCAL TORIC

PATIENT-MATCHED WITH ADDITIONAL BENEFITS

Perfect match

Automated capsulotomy and FEMTIS® IOL family.

Premium in IOL care

Outstanding IOL and haptic design

Renowned surgical procedure

Perfect visual performance

- Proven premium optics

■ 4 additional clip haptics for exceptionally stable positioning and fixation in the capsular bag



■ Unique combination: FEMTIS® IOL and automated capsulotomy

■ Optimal centering and visual acuity results

Product	LENTIS® Mplus ^{TORIC} LU-313 MF15T	LENTIS® Mplus ^{TORIC} LU-313 MF20T	LENTIS® Mplus ^{TORIC} LU-313 MF30T
Optic Design	multifocal toric		
Surface Design	aspheric		
Addition	1.5 D	2.0 D	3.0 D
Material	HydroSmart®		
Optic Size	6.0 mm	6.0 mm	6.0 mm
Overall Length	11.0 mm	11.0 mm	11.0 mm
Refractive Index	1.46	1.46	1.46
UV Filter	Yes	Yes	Yes
Violet Light Filter	optional	optional	optional
Blue Light Filter	-	-	-
Available Diopters	SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured

LENTIS® Mplus ^{X TORIC} LU-313 MF30T	FEMTIS® Mplus ^{TORIC} FB-313 MF30T0-T3	ACUNEX® VARIO MAX TORIC AN6VMT0-T3
multifocal toric		
aspheric		
3.0 D		
HydroSmart®		
6.0 mm	5.7 mm	6.0 mm
11.0 mm	10.5 mm	12.5 mm
1.46	1.46	1.54
Yes	Yes	Yes
optional	-	-
-	-	Yes
SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D bis +10.0 D (0.01 D) Individually manufactured	SE: +15.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D	SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D

MANUFACTURER: _____ Revision: QF2566v4

 **Teleon Surgical B.V.** | Van Rensselaerweg 4 b | NL - 6956AV Spankeren  marketing@teleon-surgical.com