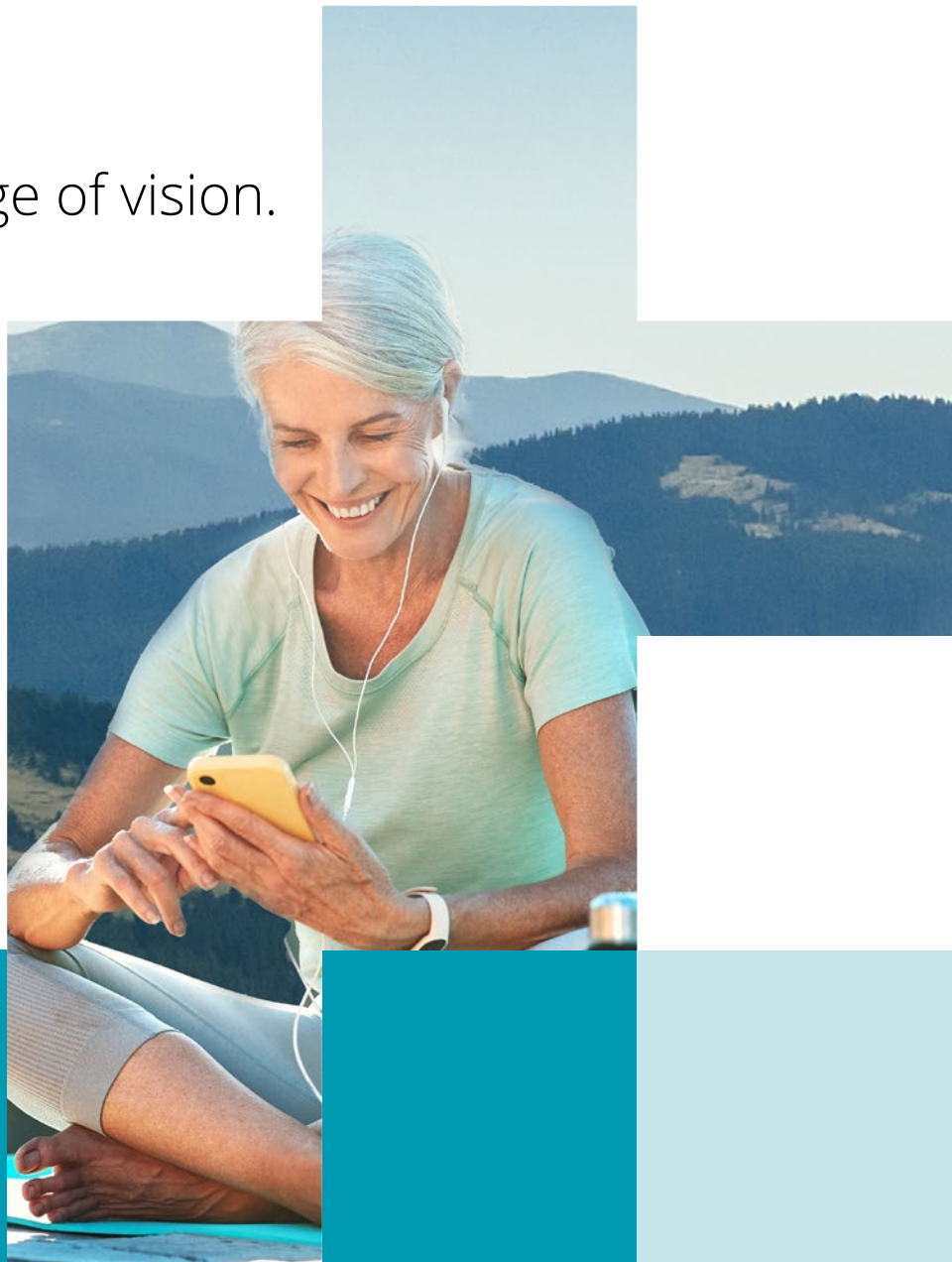


Connect with a natural vision experience

P R E L O A D E D
LUX *Life*™

Continuous full range of vision.
PRO Technology.
ART Zones.



BAUSCH + LOMB

P R E L O A D E D
LUX *Life* TM
Naturally

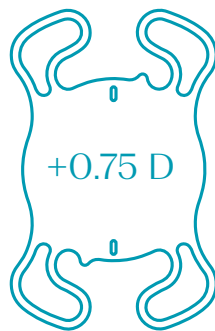




97%
patients not
needing glasses
at intermediate
vision¹



+0.75 D
Ultra low cyl



Low
dysphotopsia
profile¹

-0.01
logMAR
Distance VA^{*1}



0.02
logMAR
Intermediate
VA^{*1}



100 %
rotation of $\leq 5^{\circ 2**}$



90%
patients not
needing glasses at
near vision¹



0.08
logMAR
Near VA^{*1}

*Mean distance corrected binocular visual acuities / ** From day of surgery to 4-6 months postoperative visit

1. CE2001_CIR_V2.0_20241220: Multicentric Clinical Study to Determine Safety and Efficacy of a Hydrophobic Acrylic Trifocal Intraocular Lens (IOL) (NCT04465344)

2. Ruiz-Mesa R, de Luna GC, Ruiz-Santos M, Jiménez-Nieto A, Tañá-Rivero P. Clinical Outcomes of a Toric Enhanced Depth-of-Focus Intraocular Lens Based on the Combination of 4th- and 6th-Order Spherical Aberration. Journal of Refractive Surgery. 2024;40(6):e398-e406. doi:10.3928/1081597X-20240501-02

PURE REFRACTIVE OPTICS (PRO) Technology

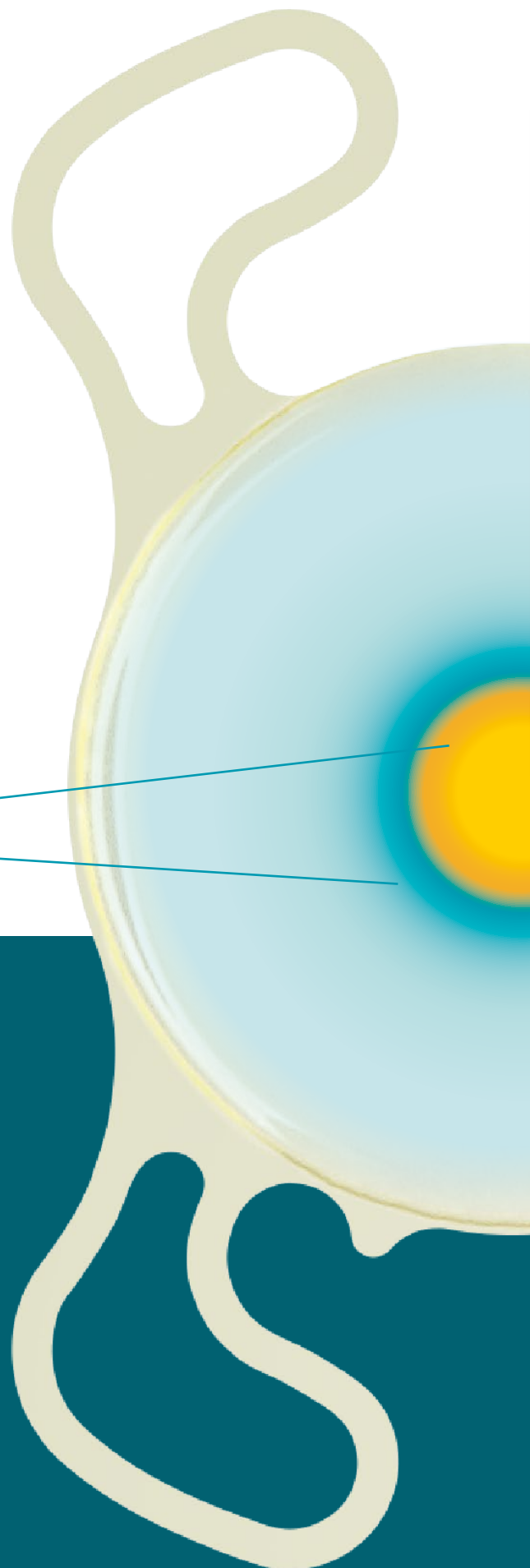
With no diffractive optical profile;
the IOL has a continuous
refractive surface across the
entire optical diameter.

2 Allied Ray Technology (ART) Zones

LuxLife™ integrates 2 unique ART Zones that modify the curvature in a controlled way to change the direction of the rays every 5 microns in order to redirect the one out of foci. Tailoring the rays direction and refocusing them to keep 100 % of light energy to useful vision.

ART Zones:

- Manages the transition from near vision central zone to intermediate and from intermediate area to base power periphery smoothly decreasing the optic vergence.
- Balancing appropriately the 4th and 6th orders of spherical aberration





Near vision
+3.40 D

Intermediate
vision
+2.20 D

2.00 mm Center

LuxLife™ combines 4th and 6th order of spherical aberration of opposite signs. Balanced to enhance the range of vision from distance to intermediate and near.

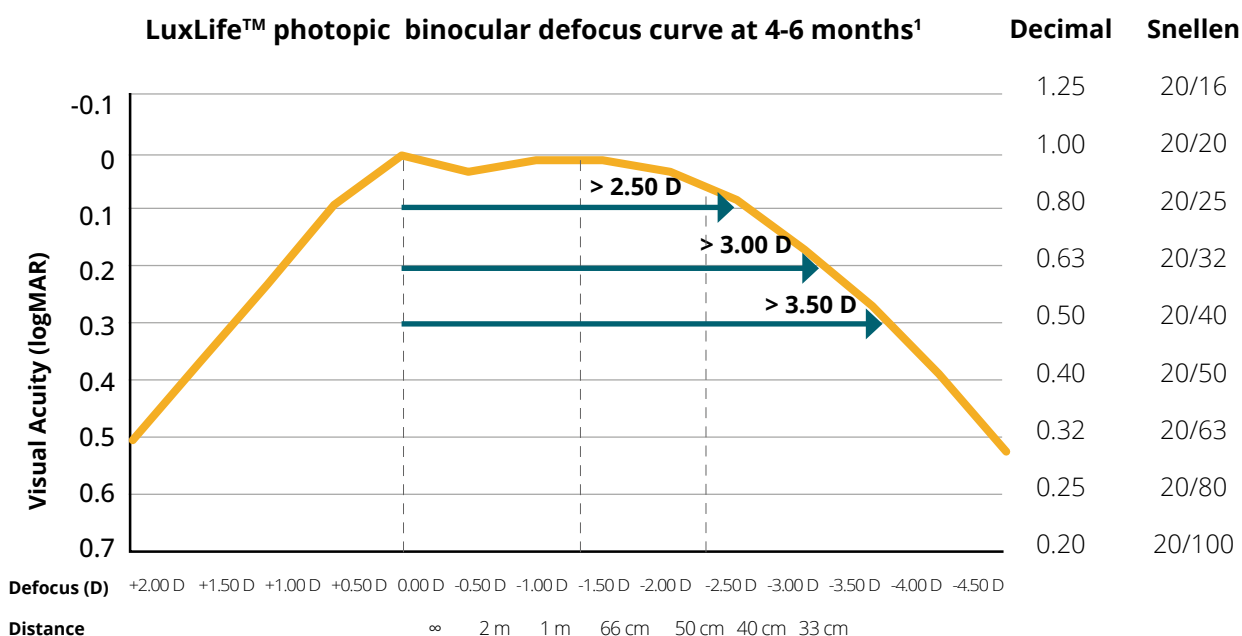
Base power (distance vision)

Monofocal aberration-free periphery.

The colored rings of this chart are designed for illustrative purposes only as the lens is a continuous refractive surface. The dimensions provided may vary between different diopter powers.

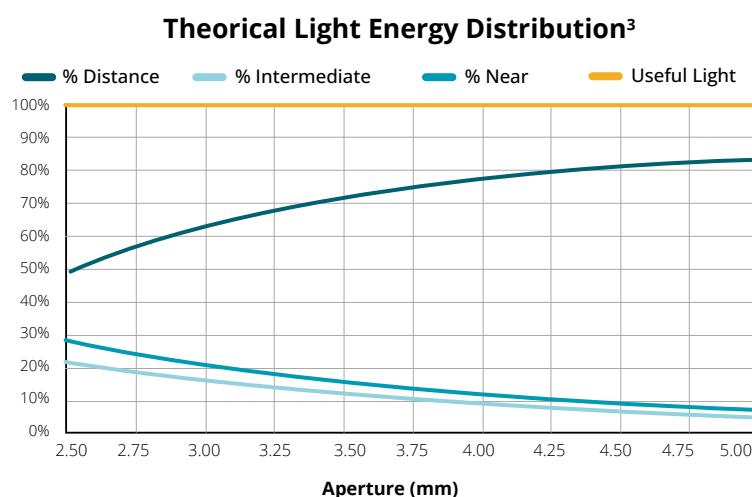
Continuous Full Range of Vision (FRoV) that delivers:

Large Plateau defocus curve that offers the patient a real world continuous range of vision without visual drops between foci.



Thanks to PRO Technology and ART Zones, all light rays are directed towards useful vision.

In contrast diffractive trifocal IOLs redistribute around 11–14% of light outside the useful vision range due to the nature of their optical design.⁴



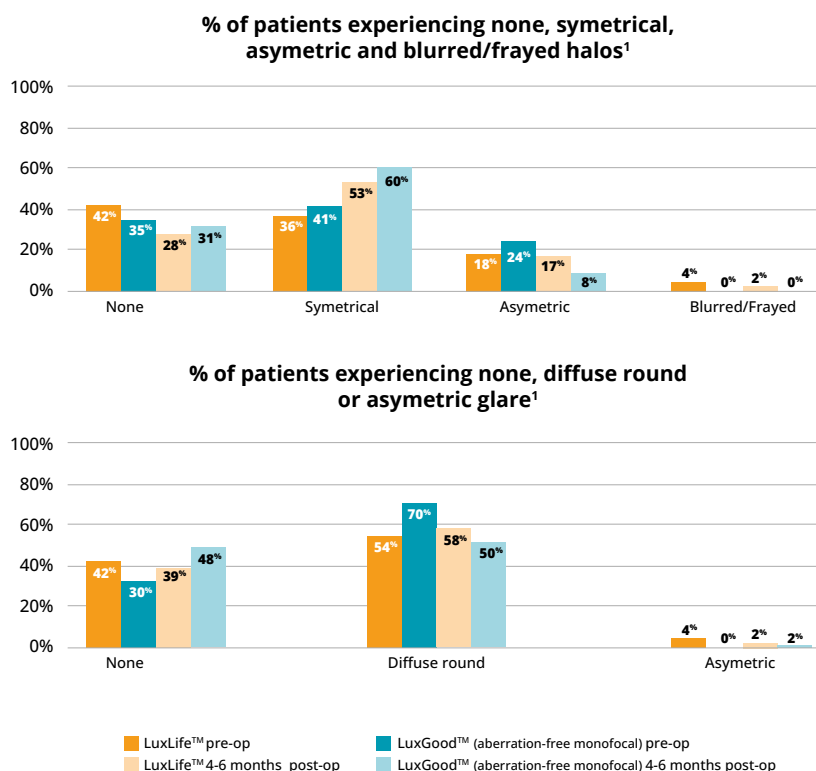
1. CE2001_CIR_V2.0_20241220: Multicentric Clinical Study to Determine Safety and Efficacy of a Hydrophobic Acrylic Trifocal Intraocular Lens (IOL) (NCT04465344)
 3. BAUSCH + LOMB data on file: LuxLife distribution of optical energy. Rev A. RD-R-0.48_FEB 2025.
 4. Brochure information from AcrySof® IQ PanOptix, Finevision and RayONE Trifocal

“ The LuxLife™ lens demonstrates truly multifocal optical performance, offering an extensive range of clear vision from distance to near. ”

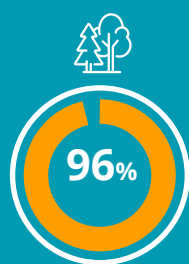
Dr Francisco J. Castro Alonso, MD, investigator in the multicentre clinical study for the CE Mark, UFR-Miguel Servet University Hospital, Zaragoza, Spain

No meaningful increase in halo and glare perception compared to aberration-free monofocal IOL¹

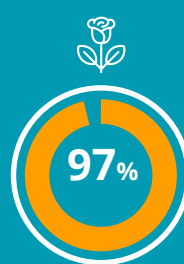
- Halo and glare measured with the Eyeland Design Network simulator, where simulated images of car headlights and traffic lights are presented to patients.
- Patient then select the type of halo and glare they experience.



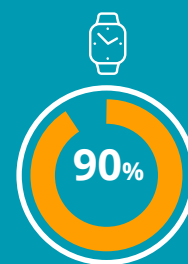
% of patients answering “none of the time” when asked “During the last 7 days, how often did you wear glasses for”¹:



DISTANCE VISION

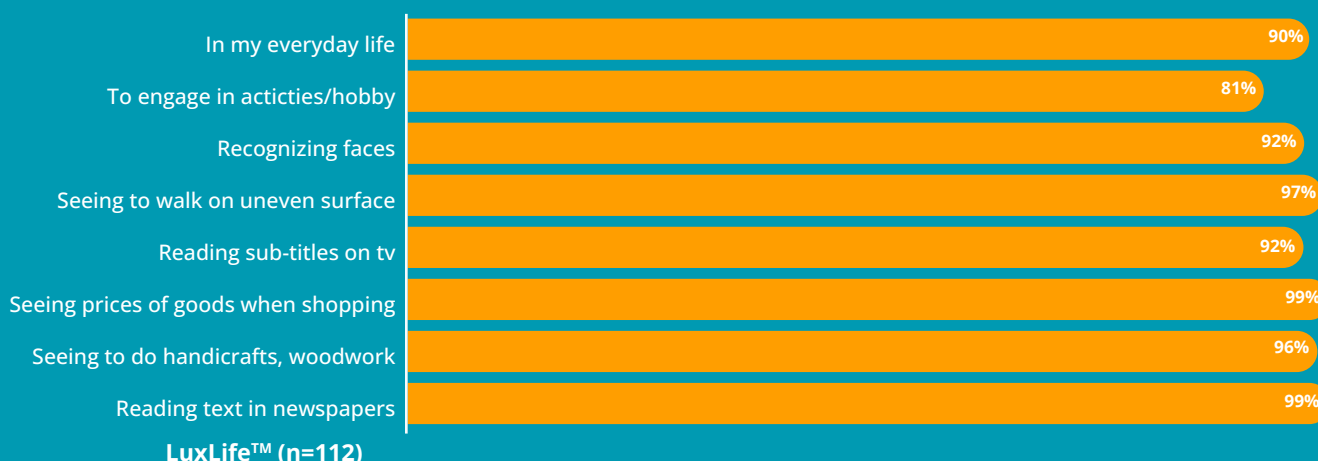


INTERMEDIATE VISION



NEAR VISION

CatQuest-9SF “Some to no difficulties”¹

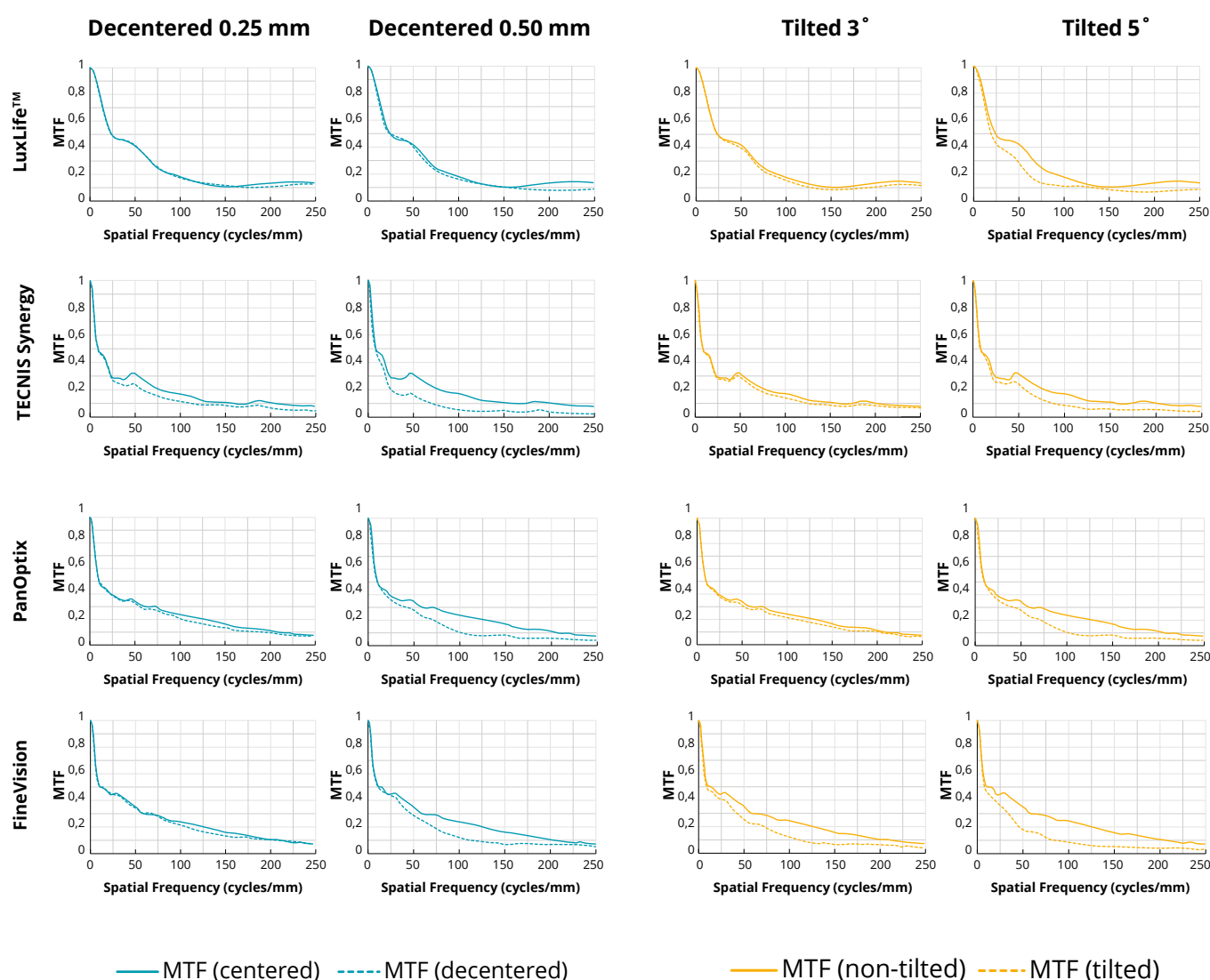




Optical performance

In bench testing, the optical design of LuxLife™ has been shown⁵:

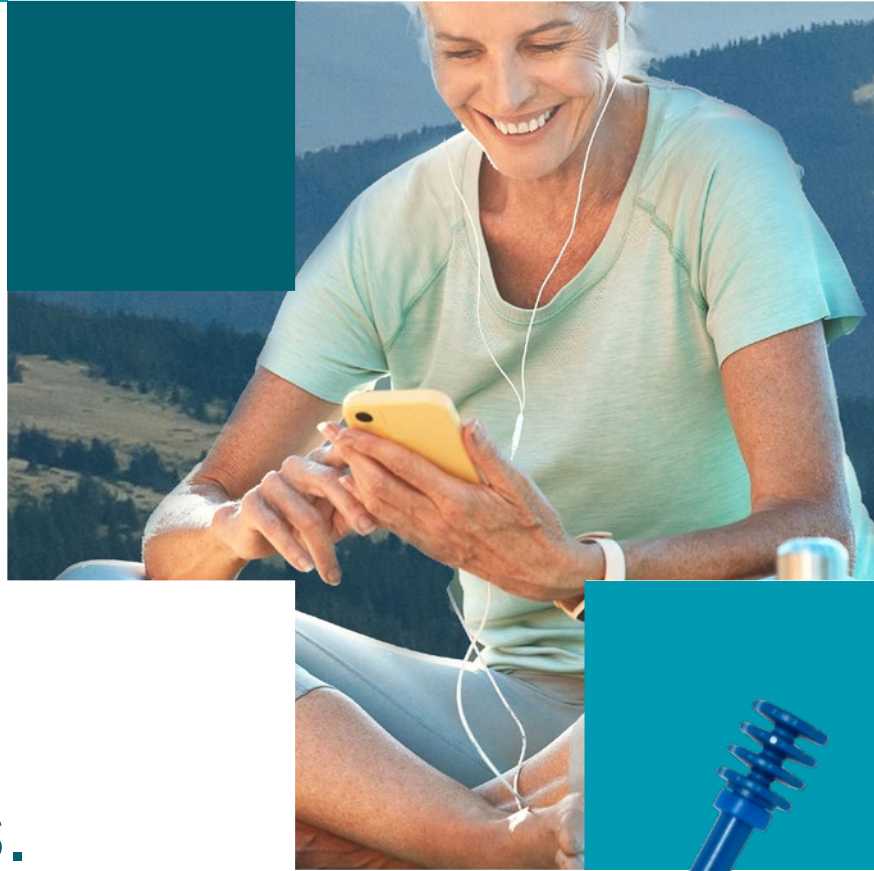
- To be less sensitive to decentration than all PanOptix, FineVision and TECNIS Synergy.
- To be less sensitive to tilt than FineVision and similar to TECNIS Synergy and PanOptix.



LuxLife™ absolute decentration on 175 eyes was at 4-6 months postoperative visit: 0.23 +/-0.15 mm¹

1. CE2001_CIR_V2.0_20241220: Multicentric Clinical Study to Determine Safety and Efficacy of a Hydrophobic Acrylic Trifocal Intraocular Lens (IOL) (NCT04465344)
5. Juan Antonio Azor, Fidel Vega, Jesus Armengol, Maria S. Millan. Characterization of various presbyopia-correcting intraocular lenses on optical bench. Comparative study. Grupo de Optica Aplicada y Procesado de Imagen (GOAPI). Department of Optics and Optometry Universitat Politecnica de Catalunya BARCELONATECH

Tailor your approach. Flexibility at your fingertips.



Introducing the versatile dual inserter that empowers surgeons to tailor injection or implantation to their surgical style.

The device offers the flexibility to select either screw or push techniques, just before insertion!

Experience enhanced precision and personalized care, ensuring optimal outcomes for your patients.

Elevate your practice—embrace the freedom to choose everyday!



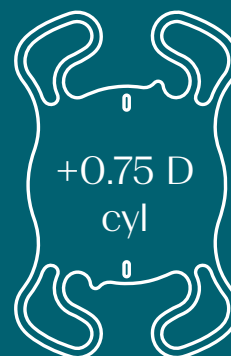
Platform Stability

100% of eyes
rotation
of $\leq 5^{\circ 2}$

Mean rotational
stability
 $0.61^{\circ} \pm 1.61^{\circ 2}$

No patient left behind

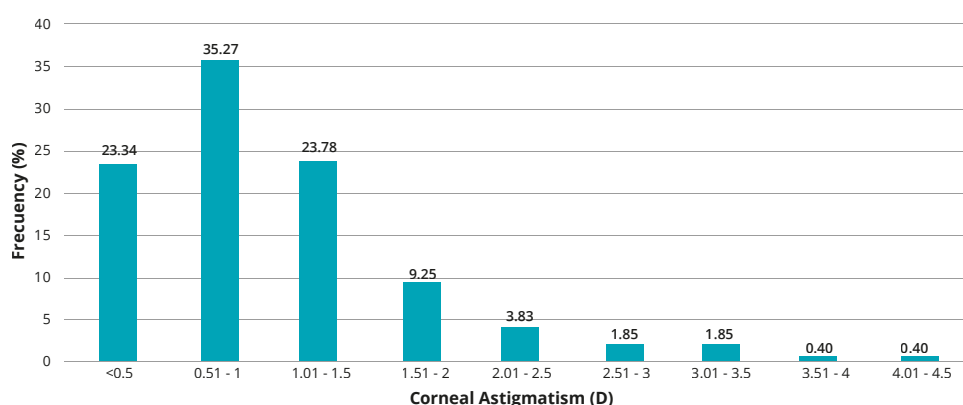
Expanding possibilities for patients, offering 9 different cylinder choices. Starting with the ultra low cyl of +0.75 D, up to +6.00 D.



“
**More than 77 % of
cataract patients have
more than 0.50 D of
corneal astigmatism⁶**
”

Thanks to our extended range of cyls and ultra low +0.75 D, LuxLife™ covers 79 % of the cataract surgery population with > 0.50 D of corneal astigmatism^{5*}

Prevalence of corneal astigmatism before cataract surgery in Caucasian patients⁶



Corneal astigmatism distribution in 0.50 D steps in the entire sample (757 eyes).



Access to the EVO Toric
IOL Calculator selecting
"B&L LuxLife" toric model

www.evoiolcalculator.com

* Calculation from the Bernardo histogram Figure 1, assuming a Linear Interpolation of the area under the curve of the range of cylinders.

2. Ruiz-Mesa R, de Luna GC, Ruiz-Santos M, Jiménez-Nieto A, Tañá-Rivero P. Clinical Outcomes of a Toric Enhanced Depth-of-Focus Intraocular Lens Based on the Combination of 4th- and 6th-Order Spherical Aberration. Journal of Refractive Surgery. 2024;40(6):e398-e406. doi:10.3928/1081597X-20240501-02

6. De Bernardo M, Zeppa L, Cennamo M, Iaccarino S, Zeppa L, Rosa N. Prevalence of Corneal Astigmatism before Cataract Surgery in Caucasian Patients. European Journal of Ophthalmology. 2014;24(4):494-500. doi:10.5301/ejo.5000415

Technical specifications

LuxLife™ SKU: YLIFExxxx

LuxLife™ Toric SKU: YLIFETxxx+xxx

Material:	Acrylic hydrophobic
Overall diameter:	11.00 mm
Optic diameter:	6.00 mm
Platform design:	Single piece, 4 fixation points haptics and 360° posterior square-edges
Optical design:	Full range of vision (FRoV) and full range of vision toric
Haptics angulation:	0°
Refractive index:	1.54 at 35°
Orientation features:	Top right and bottom left
Light Filter:	UV and violet filters
LuxLife™ diopter range:	From +5.00 D to +32.00 D: - From +5.00 D to 10.00 D (1.00 D steps) - From +10.50 D to +30.00 D (0.50 D steps) - From +31.00 D to +32.00 D (1.00 D steps)

LuxLife™ toric diopter range

Spherical equivalent power:	From +6.00 D to +34.00 D: - From +6.00 D to 10.00 D (1.00 D steps) - From +10.50 D to +30.00 D (0.50 D steps) - From +31.00 D to +34.00 D (1.00 D steps)
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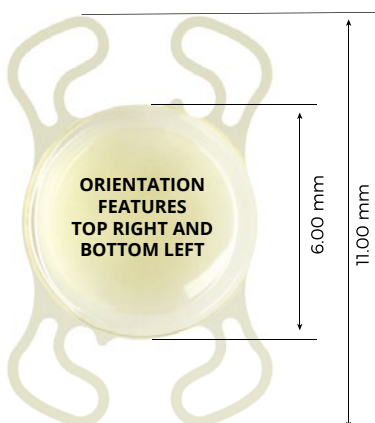
Cylinder power – IOL Plane:	+0.75 D / +1.00 D / +1.50 D / +2.25 D / +3.00 D / +3.75 D / +4.50 D / +5.25 D / +6.00 D. Some availability exceptions for high or low sphere powers. Please refer to the IOL catalogue or contact your local representative.
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Abbe Number:	43
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Delivery system

Fully preloaded system with push or screw injection: Accuject™ Dual Injection System

Recommended incision size ≥ 2.2 mm



Constants*

OPTICAL CONSTANTS

SRK/T A constant: 118.7

Hoffer Q pACD: 5.35

Holladay I Surgeon factor: 1.60

Haigis: a_0 : 0.669 a_1 : 0.322 a_2 : 0.131

EVO 2.0 A constant: 118.62

Barret Universal II A constant: : 118.63 / Lens Factor: 1.69


Hill-RBF 3.0 A constant: 118.56

*Constants are estimates only. It is recommended that each surgeon develops their own values.



P R E L O A D E D
LUX *Life*™

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**CATARACT
GLAUCOMA
REFRACTIVE
RETINA
VISUALIZATION**