

Asqelio™ EDOF – fusion of technologies for exceptional vision



FREEDOM OF VISION – THE CORE PROMISE DELIVERED

94% of patients achieved excellent spectacle-free vision for distance and intermediate activities, empowering an active lifestyle.¹



Extended range of focus

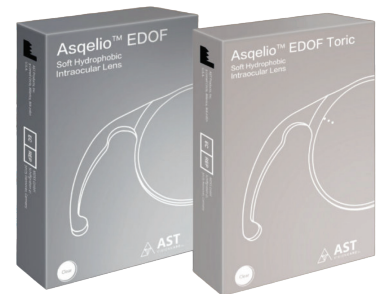
AST Visioncare's **Asqelio™ EDOF** delivers true visual freedom with the uncompromising clarity of a superior non-diffractive design. It offers the continuous range of vision your patients desire, with a safety profile comparable to monofocal IOLs.

FEATURES AND BENEFITS

- **Proprietary technology** | Uses wavefront tailoring and a precisely engineered posterior surface to create a single elongated focal range, extending focus, while preserving optical quality and minimising disturbances.
- **Night-time safety** | Stable distance vision in low-light conditions, without refractive shift.
- **Clarity and quality** | Shares the proprietary hydrophobic acrylic material used in the trusted MBI platform.
- **Continuous vision** | Clear vision at distance and intermediate range, functional near in one-third of patients.



Easy handling | Easy to implant with the preloaded Pioli™ injector system.



OPTIMISED FOR MODERN LIFE – BUILT FOR TODAY'S NEEDS

75% of patients perform daily near activities spectacle-free.^{1,2}

Scan the QR code for more information or visit iqmedical.com.au



Contact us for more information – we are here to support you.
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ASQELIO™ EDOF
(ELI0130Y)

ASQELIO™ EDOF TORIC
(ETLIO130Y)

TECHNICAL SPECIFICATIONS

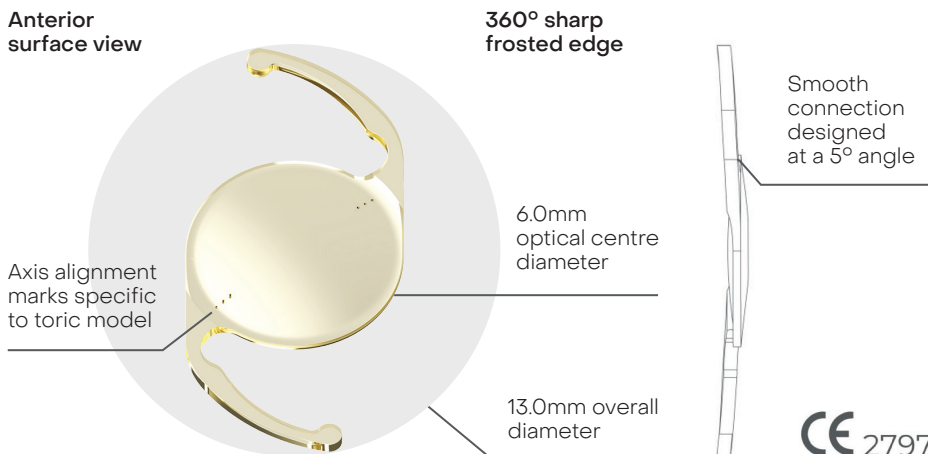
Rebate codes	IQ035	IQ038
Delivery range	+5.0D to +30.0D in 0.5D steps Upon request: 0.0D to +5.0D and +30.0D to +34.0D in 0.5D steps	+5.0D to +30.0D in 0.5D steps Upon request: 0.0D to +5.0D and +30.0D to +34.0D in 0.5D steps
Cylinder availability		+1.0D to +3.0D in 0.5D steps Upon request: +3.5D to +6.0D in 0.5D steps
Material	Single piece hydrophobic acrylic with UV absorber and blue light filter. With UV absorber 99% of UVB and 90% of UVA.	Single piece hydrophobic acrylic with UV absorber and blue light filter. With UV absorber 99% of UVB and 90% of UVA.
Optic design	Bi-convex, bi-aspheric	Bi-convex, bi-aspheric, anterior toric
Lens colour	Yellow	Yellow
Refractive index	1.5	1.5
Abbe number	50	50
Spherical aberration (SA)	-0.27µm @6mm	-0.27µm @6mm
Central thickness	0.63mm (20.0D)	0.63mm (20.0D)

RECOMMENDED CONSTANTS

Manufacturer's A-constant	119.33*	119.33*
Barrett lens factor (optical)	2.09*	2.09*
Ultrasound A-constant	119.10**	119.10**
Delivery system	Pioli™ injector system	Pioli™ injector system

* IOL constants have been derived from clinical evaluation results of the Asqelio™ EDOF.

** IOL constants have been theoretically calculated. AST Visioncare Inc. recommends that each surgeon optimise and personalise their own A-constant for each IOL model.



CONFIDENCE, DAY AND NIGHT – DESIGNED FOR REAL-WORLD RELIABILITY

92% of patients reported satisfaction with their vision in low-light conditions, ensuring peace of mind when driving at night.^{1,2}

- Eldanasoury AM, Ayesh K (2025) Visual performance and optical quality after implantation of non-diffractive enhanced depth of focus intraocular lenses, *Journal of Refractive Surgery*, 41 (9), doi: 10.3928/1081597X-20250707-08
- Tañá-Sanz S, Tañá-Sanz P, Elvira-Giner B, Orts-Vila P, Tañá-Rivero P (2025) Visual performance, light distortion and patient reported outcomes with a new bi-aspheric non-diffractive extended depth of focus intraocular lens, *Frontiers in Medicine* (Lausanne), Vol 12, doi: 10.3389/fmed.2025.1513803

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