

Asqelio™ EDOF





Toric & Non-Toric

Indicated for replacement of the human crystalline lens in adults. For capsular bag placement only. Intended to provide an extended range of vision, primarily from distance to intermediate, with a continuous focal range and reduced dependence on spectacles. Toric models are additionally indicated for the correction of pre-existing corneal astigmatism.

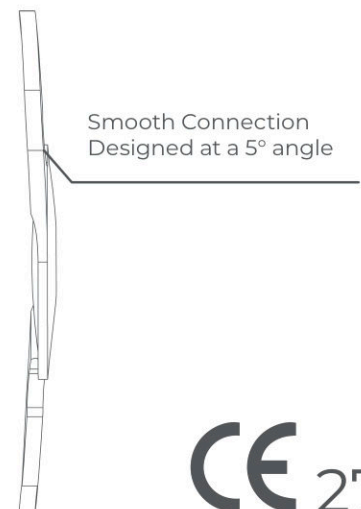
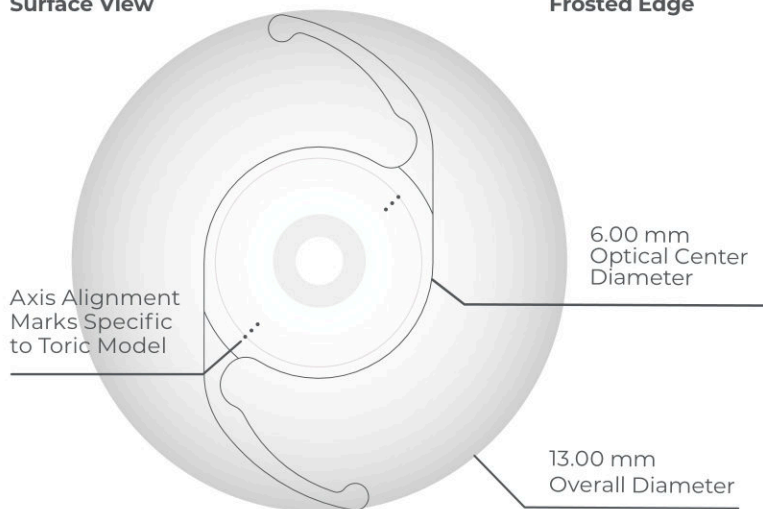
Proven material safety, a non-diffractive design and a monofocal-comparable safety profile deliver clear vision across a continuous range, supporting visual freedom, consistent outcomes and patient satisfaction.^{1,2,3,4}



Product Name	 Asqelio™ EDOF		 Asqelio™ EDOF Toric	
Model	ELIO130C (clear) ELIO130Y (yellow)		ETLIO130C (clear) ETLIO130Y (yellow)	
Material	Single piece hydrophobic acrylic with UV absorber + blue light filter. with UV absorber 99% of UVB and 90% of UVA. Refractive index 1.50. Abbe number 50. Water content <0.5%			
Optic Design	Bi-Convex, Bi-Aspheric Posterior Phase-Ring™ Technology		Bi-Convex, Bi-Aspheric Posterior Phase-Ring™ Technology Anterior Toric	
Spherical Aberration (SA)	-0.27 μm @ 6 mm			
Central Thickness	0.63 mm (20 D)			
Spherical Power	Standard range	+5.00 D to +30.00 D		
	Upon request	0.00 D to +5.00 D and +30.00 D to +34.00 D		
	Dioptric Step	0.50 D		
Cylinder Power	N/A		Standard range	+1.00 D to +3.00 D
			Upon request	+3.00 D to +6.00 D
			Dioptric Step	0.50 D
IOL Power Calculation Constants	Optical A-constant †	119.33		
	Barrett Lens Factor (Optical) †	2.09		
	Ultrasound A-constant ††	119.10		
Recommended IOL Delivery Systems	bioli™ IOL Delivery System			
Incision Size	From 2.2 mm Wound Assisted Delivery			
Shelf Life	Five (5) years			
Sterilization Method	Ethylene oxide (EtO)			

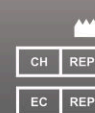
Anterior Surface View

360° Sharp Frosted Edge



† IOL constants have been derived from clinical evaluation results of the Asqelio™ EDOF
 †† IOL constants have been theoretically calculated
 DOI: 10.1097/j.jcrs.0000000000000865. PMID: 34759175.
 AST VisionCare Inc. recommends that each surgeon optimize and personalize their own A-constant for each of our IOL models.
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