

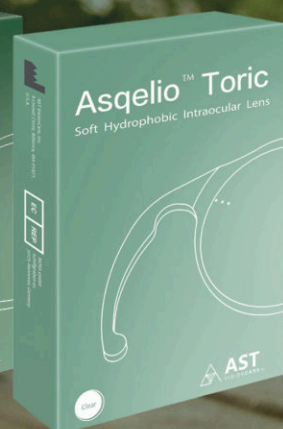
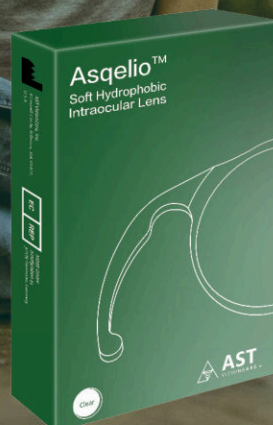
# Asqelio™ Monofocal



## Toric & Non-Toric

Indicated for replacement of the human crystalline lens in adults. For capsular bag placement only. Toric models are additionally indicated for the correction of pre-existing corneal astigmatism.

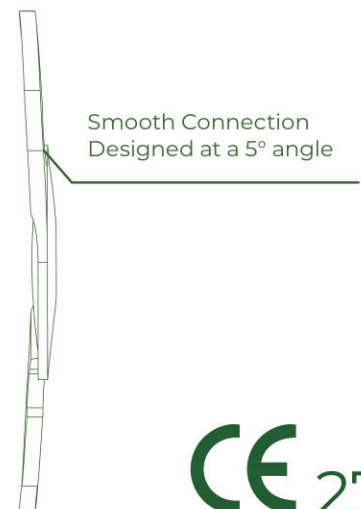
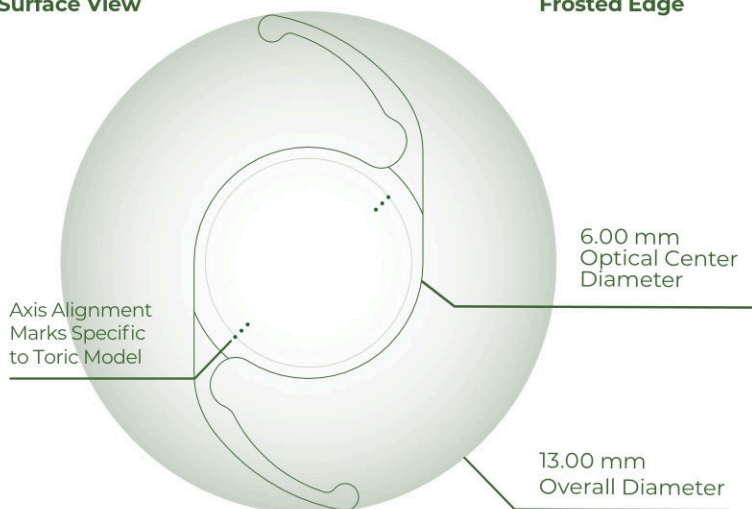
Proven material safety and advanced optics deliver sharp, stable vision even with small focal variations or lens decentrations.<sup>1,2</sup>



Product Name	 <b>Asqelio™ Monofocal</b>		 <b>Asqelio™ Monofocal Toric</b>	
Model	QLIO130C (clear) QLIO130Y (yellow)		TLIO130C (clear) TLIO130Y (yellow)	
Material	Single piece hydrophobic acrylic with UV absorber + blue light filter 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		Bi-Convex, Bi-Aspheric, Anterior Toric	
Spherical Aberration (SA)	- 0.27 $\mu\text{m}$ @ 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



**CE 2797**

† IOL constants have been derived from clinical evaluation results of the Asqelio™ Monofocal

†† IOL constants have been theoretically calculated

DOI: 10.1097/jjers.0000000000000865. PMID: 34759175.

AST VisionCare Inc. recommends that each surgeon optimize and personalize their own A-constant for each of our IOL models.

TDRW-001223 Rev.Z3 Date of issue: 2026/02



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1. ASQO122023: Data on file
2. DOI: 10.2147/OPHT.S400136