

Asqelio™ Trifocal



Toric & Non-Toric

Indicated for replacement of the human crystalline lens in adults. For capsular bag placement only. Intended to provide improved visual acuity at far, intermediate and near distances, with reduced dependence on spectacles. Toric models are additionally indicated for the correction of pre-existing corneal astigmatism.

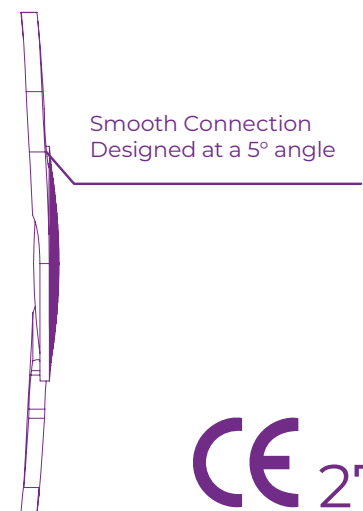
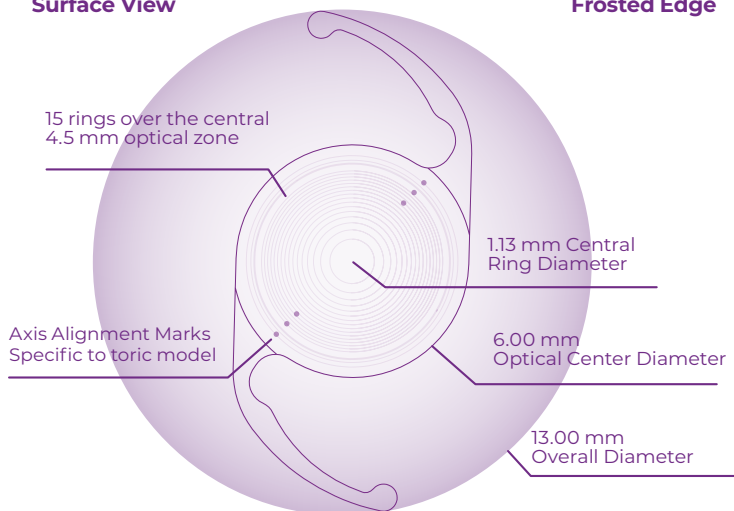
Proven material safety, incorporating advanced optics that help minimize visual disturbances, delivers high-definition vision across a continuous range with extraordinary visual comfort.^{1,2}



Product Name	Asqelio™ Trifocal		Asqelio™ Trifocal Toric	
Model	TFLIO130C (clear) TFLIO130Y (yellow)		TTLIO130C (clear) TTLIO130Y (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 Posterior VIVIS™ Technology		Bi-convex, Bi-Aspheric Posterior VIVIS™ 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	
Add Power	Intermediate +2.20 D Near +3.30 D			
IOL Power Calculation Constants	Optical A-constant †	119.46		
	Barrett Lens Factor (Optical) †	2.15		
	Ultrasound A-constant ††	119.23		
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™ Trifocal

†† IOL constants have been theoretically calculated

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

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