ACRYSOF® IQ VIVITY™ & ACRYSOF® IQ VIVITY™ TORIC IOLS

TECHNICAL SPECIFICATIONS: ULTRAVIOLET-FILTERING (UVA)

Characteristics	Model			
IOL Model	DAT015	DAT315	DAT415	DAT515
IOL Cylinder Powers at IOL Plane (diopters)	N/A	1.50	2.25	3.00
Optic Type	Asymmetric Biconvex X-WAVE™ Technology	Asymmetric Biconvex Toric X-WAVE™ Technology		
Optic/Haptic Material	Ultraviolet filtering hydrophobic Acrylate/Methacrylate Copolymer			
IOL Powers (spherical equivalent diopters)	+15.0 D through +25.0 D (available in 0.5 D increments)*			
IOL Cylinder Powers – Corneal Plane† (diopters)	N/A	1.03	1.55	2.06
Index of Refraction	1.55			
Haptic Configuration	STABLEFORCE® Modified-L Haptics			
Optic Diameter (mm) $Ø_B$	6.0			
Overall Length (mm) $Ø_T$	13.0			
Haptic Angle	0°			
Asphericity (µm)	−0.2			
Position	Planar (posterior optic edge is aligned with posterior haptic edge)			
IOL Constants‡	**Formula**	**Optical Coherence**	**U/S Biometry**	
	SRK-T (A-constant)	119.2§	118.8¤	
	Holladay I (S factor)	1.90	1.68¤	
	Holladay II (ACD)	5.67	5.43¤	
	Hill-RBF	119.15	118.8¤	
	Hoffer Q	5.67	5.43¤	
	Barrett	1.99	1.78¤	

*Extended parameters will be available later in 2021.
†Based on the average pseudophakic human eye.
‡Constants are for optical biometry unless otherwise indicated.
§Clinically validated.
¤Theoretical.

Alcon

ACRYSOF® IQ VIVITY™ FAMILY OF EXTENDED VISION IOLs

IMPORTANT PRODUCT INFORMATION

CAUTION: Federal (USA) law restricts this device to the sale by or on the order of a physician.

INDICATIONS: The AcrySof® IQ Vivity™ IOLs include AcrySof® IQ Vivity™ and AcrySof® IQ Vivity™ Toric IOLs and are indicated for primary implantation for the visual correction of aphakia in adult patients with <1.00 D of preoperative corneal astigmatism, in whom a cataractous lens has been removed by extracapsular cataract extraction. The lens mitigates the effects of presbyopia by providing an extended depth of focus. Compared to an aspheric monofocal IOL, the lens provides improved intermediate and near visual acuity, while maintaining comparable distance visual acuity. The AcrySof® IQ Vivity™ IOL is intended for capsular bag placement only. In addition, the AcrySof® IQ Vivity™ Toric IOL is indicated for the reduction of residual refractive astigmatism in adult patients with pre-existing corneal astigmatism.

WARNINGS/PRECAUTIONS: Careful preoperative evaluation and sound clinical judgment should be used by the surgeon to decide the risk/benefit ratio before implanting a lens in a patient with any of the conditions described in the Directions for Use labeling. This lens should not be implanted if the posterior capsule is ruptured, if the zonules are damaged, or if a primary posterior capsulotomy is planned. Rotation can reduce astigmatic correction; if necessary lens repositioning should occur as early as possible prior to lens encapsulation. Most patients implanted with the AcrySof® IQ Vivity™ IOL are likely to experience significant loss of contrast sensitivity as compared to a monofocal IOL. Therefore, it is essential that prospective patients be fully informed of this risk before giving their consent for implantation of the AcrySof® IQ Vivity™ IOL. In addition, patients should be warned that they will need to exercise caution when engaging in activities that require good vision in dimly lit environments, such as driving at night or in poor visibility conditions, especially in the presence of oncoming traffic. It is possible to experience very bothersome visual disturbances, significant enough that the patient could request explant of the IOL. In the AcrySof® IQ Vivity™ IOL clinical study, 1% to 2% of AcrySof® IQ Vivity™ IOL patients reported very bothersome starbursts, halos, blurred vision, or dark area visual disturbances; however, no explants were reported. Prior to surgery, physicians should provide prospective patients with a copy of the Patient Information Brochure available from Alcon informing them of possible risks and benefits associated with the AcrySof® IQ Vivity™ IOLs.

ATTENTION: Reference the Directions for Use labeling for each IOL for a complete listing of indications, warnings and precautions.