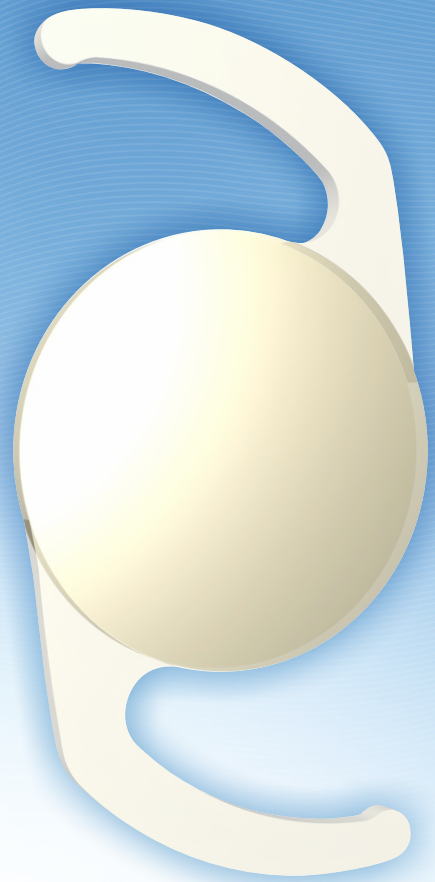
innova-ASP

Clear Aspheric Foldable IOL

omni®
Revitalize the Vision

www.omnilens.in





Hybrid Acrylic	Hydrophilic & Hydrophobic Material
Aspheric Optic	Aberration Correcting Optics
360° Sq. Edge	Minimize the chance of PCO
Step Vault Haptic	5° Angulation
MICS - IOL	Can be implanted through less than 2.2mm incision

Enhance Vison through Innova-ASP

In general, Intraocular Lenses can be manufactured with negative spherical aberration (-SA) or free of any spherical aberration (SA=0) or positive spherical aberration (+SA). OMNI offers Aspheric intraocular lenses with negative spherical aberration (-SA) in UVA blockers and violet-blue filter. Spherical aberration has an impact on loss of contrast sensitivity and vision acuity.

The standard spherical IOL with SA>0

The IOL has a positive power and a spherical surface and thus has positive SA, which when added to the positive aberrations induced by the cornea leaves the eye with a high amount of positive SA.

Aspheric IOL with SA=0

The IOL leaves the pseudophakic eye with a modest amount of residual positve SA. This has an impact on contrast sensitivity.

Aspheric IOL with SA<0

This Kind of IOL's have a negative spherical aberration (-SA) so that is offsets all part of positive Saof the average cornea.

OMNI manufactures all aspheric IOL with negative spherical aberration (-SA) so that is offsets most of the SA of the cornea to get the best vision acuity and contrast with modest depth of focus.

	Speherical Aberration (SA)	Cornea	Total SA	Image Sharpness	Depth of focus
Standard IOL SA>0	+	+	++	Poor	+
Aspheric IOL SA=0	**0**	+	+	Good	+
Aspheric IOL SA<0	**-**	+	**0**	Excellent	**0**

Technical Specification

Model No.	SQA600ASP	CBF33UVA*	CBFY33SUVASP+
Optic Diameter (MM)	6.00 (±0.10 mm)		
Overall Diameter (MM)	13.00 (± 0.20 mm)		
Raw Material	Clear Hydrophilic Acrylic (25%HA)	Clear Hydrophilic Acrylic (26%HA)	Yellow Hydrophilic Acrylic (25%HA)
Haptic Style	"L" Loop		
Optic Style	Aspheric, Monofocal		
Haptic Angle	5°		
A constant (SRK T-Ultrasound Biometery)	118.0		
Diopter Range	(-) 5 to (+) 45 D		
Refractive Index	1.45-1.50		

Revitalize the Vision

Rated NSIC-CRISIL SE 1A

An ISO 13485 Certified Company

CE 2460

EXPORT HOUSE Govt. Recognized

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