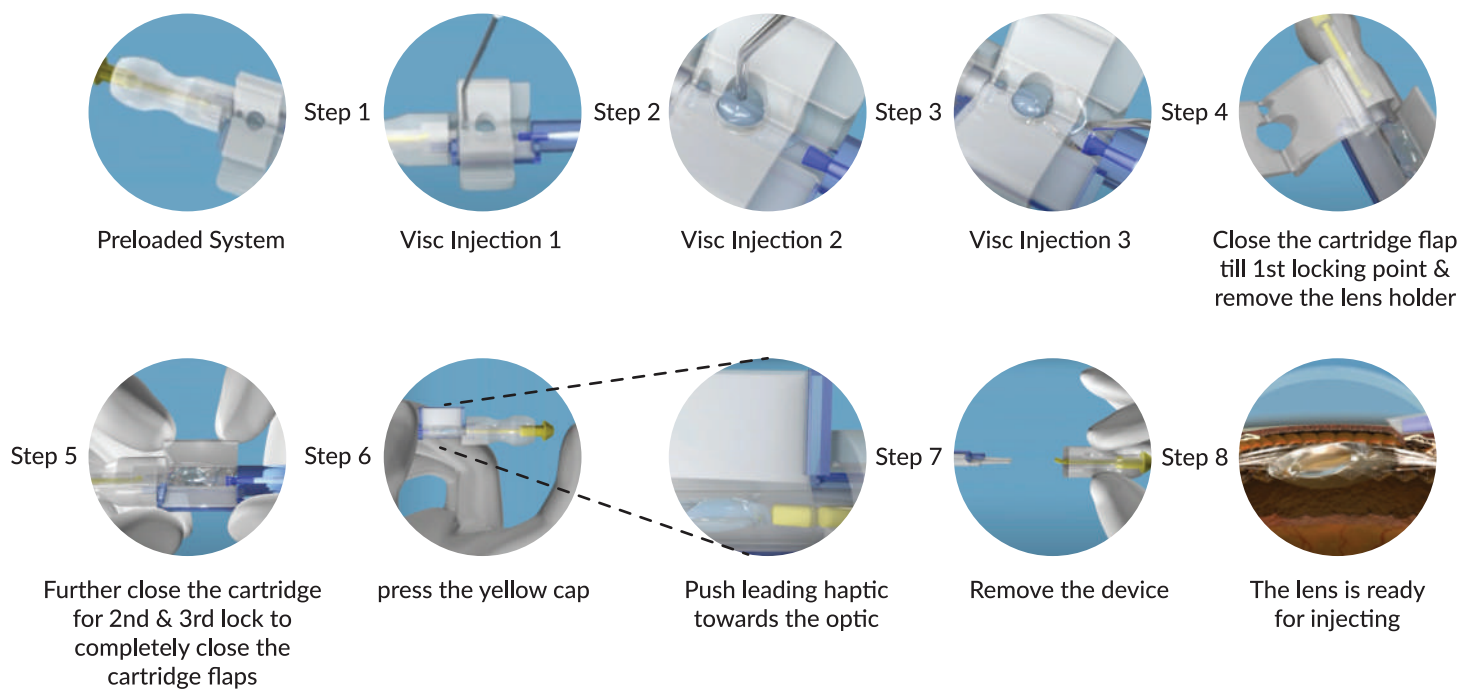
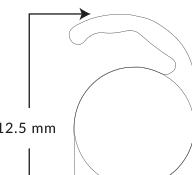



PROCEDURE FOR USE



TECHNICAL SPECIFICATIONS      MODEL: HP760AP

DESIGN CHARACTERISTICS		MATERIAL CHARACTERISTICS	
Optical Diameter	6.0 mm	Lens Material	Hydrophobic Acrylic
Overall Diameter	12.5 mm	UV cut off	10%
A Constant	118.4 (Ultrasound)   118.7 (Optical)	Light Transmittance	More than 90%
Dioptr Range	5.0 to 30.0 in 0.5 D increment 30.0 to 35.0 in 1.0 D increment	Clarity of the optic	99%
Angulation	3° Angulation	Haze of the optic	Less than 1.5%
Convexity	Bi-convex	Glass Transition Temperature	8° C
Square Edge	360° square edge	Refractive Index	1.47
Optic Design	Aspheric (Negative Aberration)	Shelf Life	5 Years
ACD Value	5.0 mm	 <small>For Hydrophobic IOL Loading Technique</small>  <small>Scan the QR Code</small>	
Haptics Design	Force enduring haptics		
Delivery System	2.8mm incision - 10.0 D to 25.0 D 3.2mm incision - above 25.0 D		

Information published in this catalogue is subject to change without notification

For a demo or more information on how your patients can benefit from Aurolab products, call at **1800 103 7321** or email us at **aurolab@aurolab.com**

**AUROLAB**

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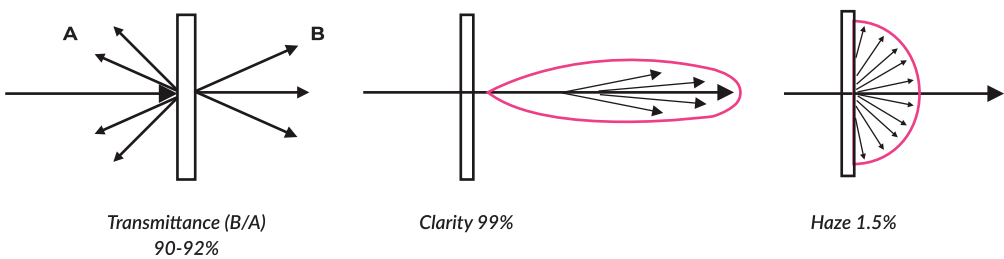
**Aurolab EV Preloaded**  
Clearer, Brighter, and Enhanced Vision

Hydrophobic Aspheric Acrylic Foldable IOL with  
Negative Aberration Optic



# ENGINEERED FOR CLARITY

Aurolab EV Preloaded IOL enhances everyday vision, mimicking the natural crystalline lens by enhancing depth of focus and contrast sensitivity. With a unique -0.15μ negative aberration design, it provides sharper, clearer vision, even in low-light conditions.



- **Truedge technology:** A 360° square edge acts as a barrier to cell proliferation, minimizing PCO.
- **Advanced 0.1mm projection:** Prevents cell migration at and through the haptic junction.
- **Negative Aspheric optic -0.15 :** Enhances contrast sensitivity and improves vision even in mesopic condition.
- **Glistening free optic:** Facilitates clean vision minimizing reflections.
- **Vault angulation for stability:** Optimized 3 degree vault angulation ensures proper adaptation in the capsular bag.
- **Force enduring haptics for secure lens placement:** Maintains stability and precise positioning.



Simulated image with cataract eye



Simulated image with Zero aberration IOL



Simulated image with Aurovue EV

# INNOVATION IN MATERIAL

A proprietary hydrophobic material technology- Aurovue delivers high optical clarity across all focal distances.

Feature	Aurovue	Market Standards-1	Market Standards-2
Transmittance	92%	91-92%	92%
Clarity	> 99%	NA	NA
Haze	< 1.5%	NA	NA
ABBE Number	55	37	55
Glistening	Nil	NA	Nil
Tg (°C)	8	15	14
Bio Adhesion	High	High	High
Refractive Index	1.47	1.55	1.47

High Abbe number of the material Reduces chromatic aberration, resulting in better colour perception

# PRELOADED FOR PRECISION

The Aurolab EV Preloaded IOL increases safety by saving surgeon time and eliminating loading errors. The lens remains untouched by human hands from production to implantation.

