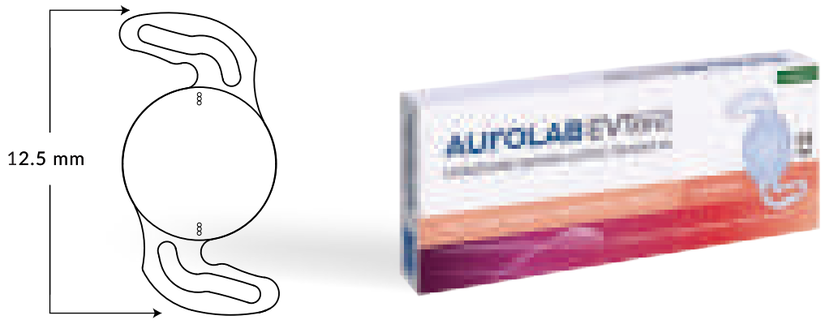
TECHNICAL SPECIFICATIONS MODEL: HP76AT

DESIGN CHARACTERISTICS

Optical Diameter	6.0 mm
Overall Diameter	12.5 mm
A Constant	118.4 (Ultrasound) | 118.7 (Optical)
Diopter Range	1.0 D to 6.0 D - 15.0 D to 25.0 D in 0.5 D Increment 1.5 D to 3.0 D - 10.0 D to 15.0 D & 25.0 D to 30.0 D in 1.0 D Increment 3.5 D to 6.0 D - 10.0 D to 15.0 D in 1.0 D Increment
Angulation	3° Angulation
Convexity	Biconvex
Square Edge	360° Truedge Technology
Optic Design	Anterior surface: Aspheric toric (negative aberration)
ACD Value	5.0 mm
Haptics Design	Dual Haptic
Delivery System	Disposal preloaded injector & cartridge with 2.8mm incision

MATERIAL CHARACTERISTICS

Lens Material	Hydrophobic Acrylic
UV cut off	10%
Light Transmittance	More than 90%
Clarity of the optic	99%
Haze of the optic	Less than 1.5%
Glass Transition Temperature	8° C
Refractive Index	1.47



For Hydrophobic IOL Loading Technique

Scan the QR Code

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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**

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AUROLAB
SEE NEW POSSIBILITIES

Aurolab EV Toric

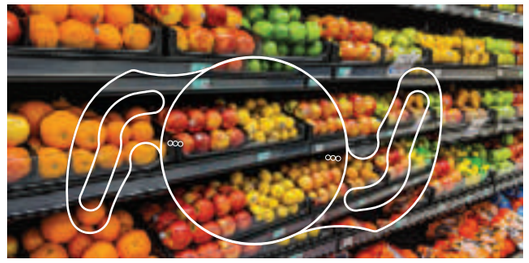
Sharper Vision, Focused Astigmatism Care

High Performance, Hydrophobic Aspheric Acrylic Foldable IOL

CLEAR, PRECISE VISION FOR PATIENTS WITH ASTIGMATISM

The Aurolab EV Toric IOL is designed to provide sharp vision for cataract patients with astigmatism. Combining advanced optics with a precise delivery system, Aurolab EV Toric offers predictable outcomes and reduces the need for spectacles in distance vision.

Hazy vision as by a cataract patient with astigmatism EV Toric



Aurolab EV Toric provides clear distance vision by correcting astigmatism

- **Advanced hydrophobic acrylic material**
  Filters 10% UV light at 385nm, with over 90% light transmittance for optimal clarity.
- **Controlled stability with force-enduring haptics**
  Dual haptic design ensures excellent rotational stability and adapts to different capsular bag sizes, enhancing safety during and after surgery.
- **Precise astigmatism correction with aspheric toric optics**
  Negative aberration design improves contrast sensitivity and reduces color dispersion for true-to-life color perception.
- **360° square-edge design to prevent PCO and calcification**
  Truedge technology minimizes cell migration.
- **Disposable preloaded delivery system for seamless implantation**
  For controlled delivery through a 2.8mm incision.

TORIC IOL'S TAILORED TO EVERY PATIENT

Our IOLs come in 0.5 D increments, covering both cylindrical and spherical prescriptions to ensure precise customization for each patient. This broad range allows for highly accurate IOL selection. A critical accessory in this process, Aurolab's Online Toric Calculator, helps predict postoperative refraction outcomes, enabling professionals to select the ideal IOL power for optimal patient results.

Lens Model	In IOL Plane	In Corneal Plane
HP76A T1.0	1.0	0.77
HP76A T1.5	1.5	1.03
HP76A T2.0	2.0	1.37
HP76A T2.5	2.5	1.71
HP76A T3.0	3.0	2.05
HP76A T3.5	3.5	2.39

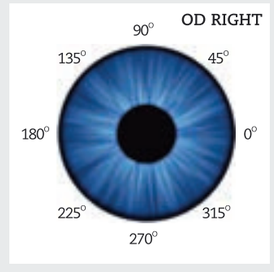
Lens Model	In IOL Plane	In Corneal Plane
HP76A T4.0	4.0	2.73
HP76A T4.5	4.5	3.07
HP76A T5.0	5.0	3.41
HP76A T5.5	5.5	3.75
HP76A T6.0	6.0	4.09

ENHANCED WITH TORIC CALCULATOR

Supports precise preoperative planning by predicting postoperative refraction outcomes, helping surgeons select the most suitable IOL power.

Online Toric Calculator

Surgeon Name	Raknas	
Patient Name	Diarajan	
Patient ID	PID 3220	
Eye Selection	(•) OD (Right) ( ) OS (Left)	
K Notation	(•) Diopter ( ) Millimeter	
Flat K	42	35.00 ~ 50.00D
@ Flat Axis	90	0° ~ 180°
Steep K	44	35.00 ~ 50.00D
@ Steep Axis	180	0° ~ 180°
IOL Spherical Power (P-IOL)	20.0 D	10.0 ~ 30.0D
Surgically Induced Astigamatism (SIA)	0.50	0.00D ~ 2.00D
Operating Zone	90 to 180	
	CALCULATOR	



	Anticipated Residual Astigmatism	Incision Location	Axis of placement	IOL Model	CCR
(•)	0.01 Dx 7°	135	7	HP76AT3.0	2.06 D x 7°
( )	0.01 Dx 6°	155	6	HP76AT2.5	1.72 D x 6°
( )	0.09 D D x 7°	150	7	HP76AT2.5	1.80 D x 7°

**Screenshot from Aurovue EV Toric calculator*