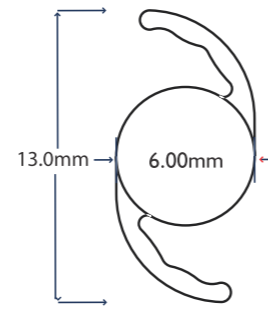


### Specification

Optical diameter	6.0 mm
Overall diameter	13 mm
Optic	Anterior surface: Aspheric toric (negative aberration)
Square edge	Truedge technology: 360° square edge
Angulation	3°
A constant	118.7 (optical)
ACD	5 mm
Haptic design	Force enduring haptic with modified C loop design
Diopter range	10 D to 15 D in 1 D increment 15 D to 25 D in 0.5 D increment
Delivery system	Disposable pre-loaded cartridge and injector system with 2.8 mm incision

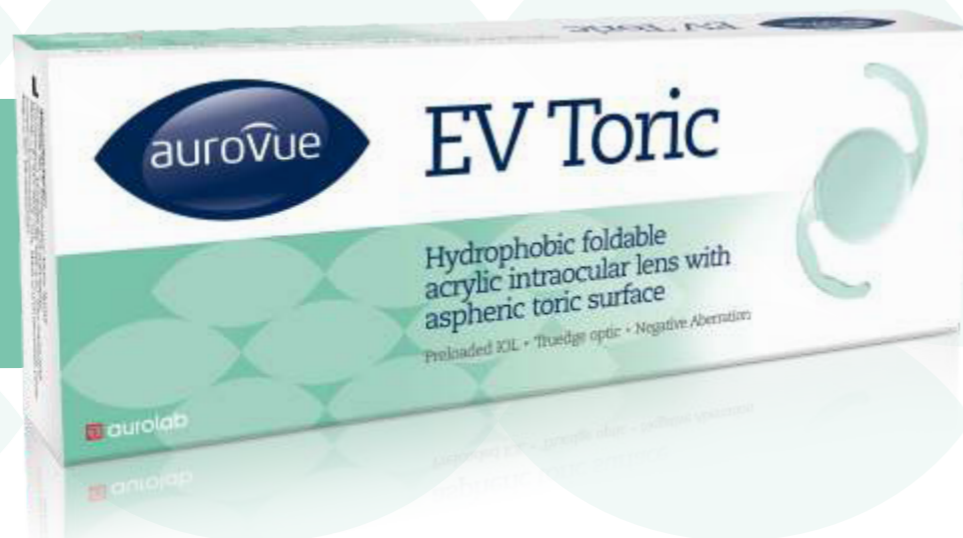


### Material characteristics

Lens material	: Hydrophobic acrylic
10% UV cut off	: 385 nm
Light transmittance	: More than 90%
Glass transition temperature	: 8°C
Refractive index	: 1.47

Lens Model	In IOL Plane	In Corneal Plane	Lens Model	In IOL Plane	In Corneal Plane
HP760A T1.5	1.5	1.03	HP760A T4.0	4.0	2.73
HP760A T2.0	2.0	1.37	HP760A T4.5	4.5	3.07
HP760A T2.5	2.5	1.71	HP760A T5.0	5.0	3.41
HP760A T3.0	3.0	2.05	HP760A T5.5	5.5	3.75
HP760A T3.5	3.5	2.39	HP760A T6.0	6.0	4.09

Aurovue products from Aurolab are trusted by ophthalmologists and surgeons for high-quality optics and predictable results.



Established in 1992, Aurolab is an integral part of the world-renowned Aravind Eye Care System. Aurolab focuses on transforming outcomes in ophthalmic care through knowledge-driven innovation.

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Precision Designed For Enhanced Outcomes

# Aurovue EV Toric

Hydrophobic foldable acrylic intraocular lens with aspheric toric surface



Now precision has a new Gold Standard

180°

270°

0°

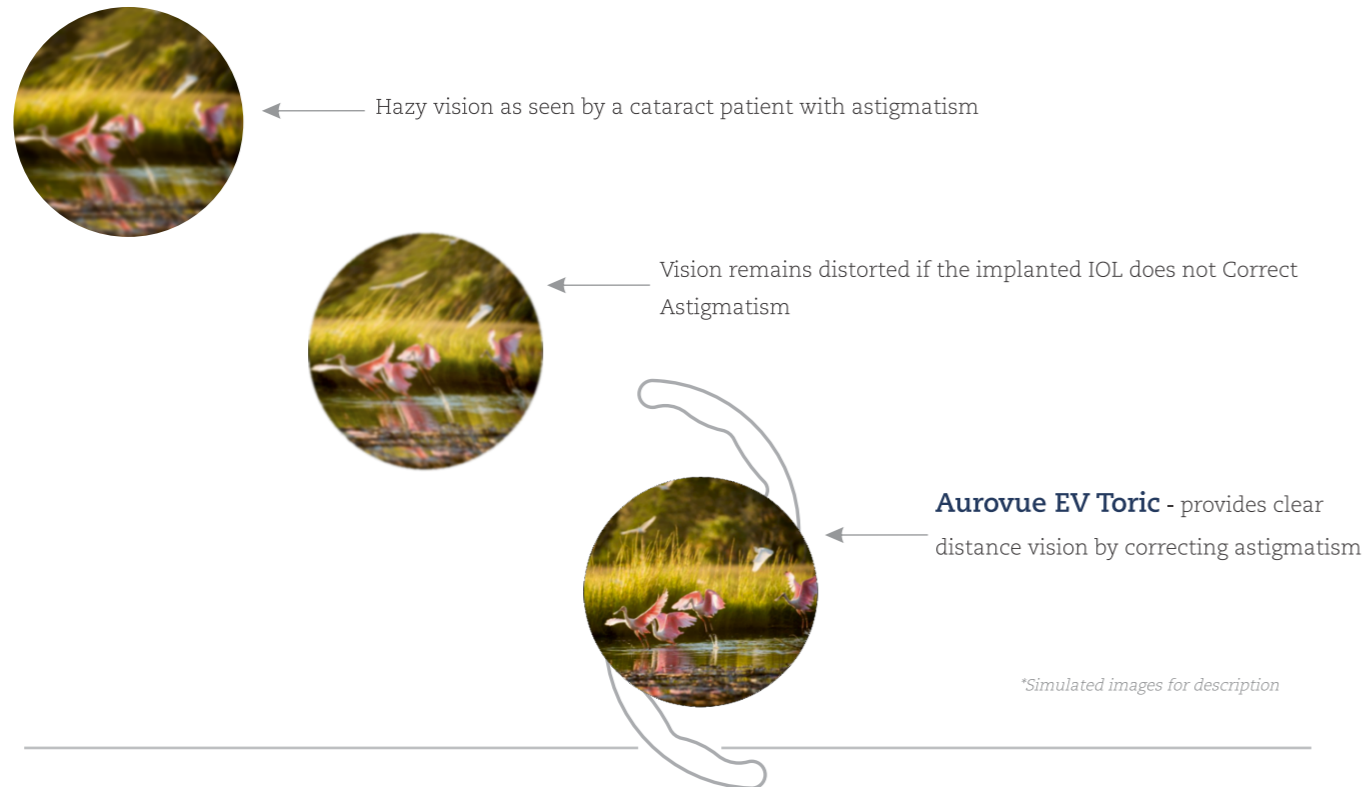
# Introducing the Aurovue EV Toric

## High-performance IOL for accurate astigmatism correction



### Designed for uncompromised clarity

Aurovue EV Toric corrects astigmatism and minimize the need of spectacles after cataract surgery.



### Highlights of Aurovue EV toric IOL :

- Force enduring haptic design for exceptional rotational stability and adaptability to different size of capsular bag
- Negative spherical aberrated optic ( -0.15  $\mu\text{m}$ ) to provide good contrast sensitivity in low light conditions.
- Glistening free optic with the higher Abbe number of 55 to effectively reduce chromatic aberration
- Ergonomically designed preloaded injector system for smooth delivery of IOL

### Rotational stability for uncompromised surgical outcomes

Toric IOLs must maintain rotational stability, since every 1° rotation results in a loss of 3.3% of IOL cylinder power. The following features of Aurovue EV Toric IOL ensures long-term astigmatism correction:

- Optimised tackiness in Aurovue hydrophobic material helps binding the IOL with the capsule ensures better rotational stability
- Force-enduring haptics offers better IOL centration

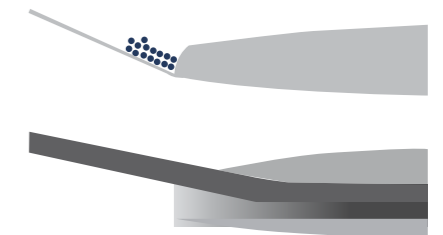


### Designed for accuracy

- Wide range of toric models to correct astigmatism from 1D to 4D in the corneal plane
- Truedge Technology: 360° square edge posterior reduces chances of PCO
- Markings ensure precise alignment, even with smaller pupil sizes
- Force-enduring haptics with modified C-loop design; holds lens in place within capsular bag of the eye

### Truedge: developed for successful long-term outcomes

- 360° square edge on the posterior side exerts extra pressure on the posterior capsule compared to rounded edge and creates a capsular bend that prevents cell migration behind the optic
- Projected posterior edge at the optic-haptic junction and a 3° vault of the haptic ensures 360° capsular contact and prevents epithelial cell migration through the optic-haptic junction



### Automated Online Toric Calculator: reducing surgical uncertainty

Pre-determine all the elements of complex procedures with Automated Online Toric Calculator:

1. Gives the surgeon option to specify his incision zone.
2. Predicts the top 3 best outcomes possible within the specified incision zone

**OPTical: Aurovue EV Toric Calculator** Please review the pre-op information and press continue

Surgeon Name	<input type="text"/>			
Patient Name	<input type="text"/>			
Patient ID	<input type="text" value="PID 3220"/>			
Eye Selection	<input checked="" type="radio"/> OD (Right) <input type="radio"/> OS (Left)			
K Notation	<input checked="" type="radio"/> Diopter <input type="radio"/> Millimeter			
Flat K	<input type="text" value="42"/>	<input type="text" value="35.00 ~ 50.00D"/>		
@ Flat Axis	<input type="text" value="90"/>	<input type="text" value="0° ~ 180°"/>		
Steep K	<input type="text" value="44"/>	<input type="text" value="35.00 ~ 50.00D"/>		
@ Steep Axis	<input type="text" value="180"/>	<input type="text" value="0° ~ 180°"/>		
IOL Spherical Power (P-IOL)	<input type="text" value="20.0 D"/>	<input type="text" value="10.0 ~ 30.0D"/>		
Surgically Induced Astigmatism (SIA)	<input type="text" value="0.50"/>	<input type="text" value="0.00D ~ 2.00D"/>		
Operating Zone	<input type="text" value="90"/> to <input type="text" value="180"/>			
<b>CALCULATOR</b>				

TEMPORAL

NASAL

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

