

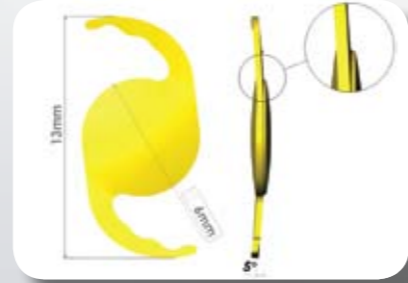
Mini Incision implantation

- Easily and safely injected through an incision as small as 1.8 mm
- Excellent memory – superior foldability, slow and gentle release



Technical Specifications

Overall length	13.00 mm
Optic diameter	6.00 mm
Haptic angulations	5°
Finish.	Double Square Edge
Optic design	Aspheric Bi convex design
Power range	15.00 – 30.00 (0.5D increments) 30.00 – 34.00(1.0D increments)
Material	Hydrophilic Acrylic HEMA/EOEMA copolymer
Refractive Index	1.46 (hydrated @ 35°C)
Y.A.G laser	Compatible
A constant	119.0
Placement	Capsular Bag or Sulcus
CE Approved	



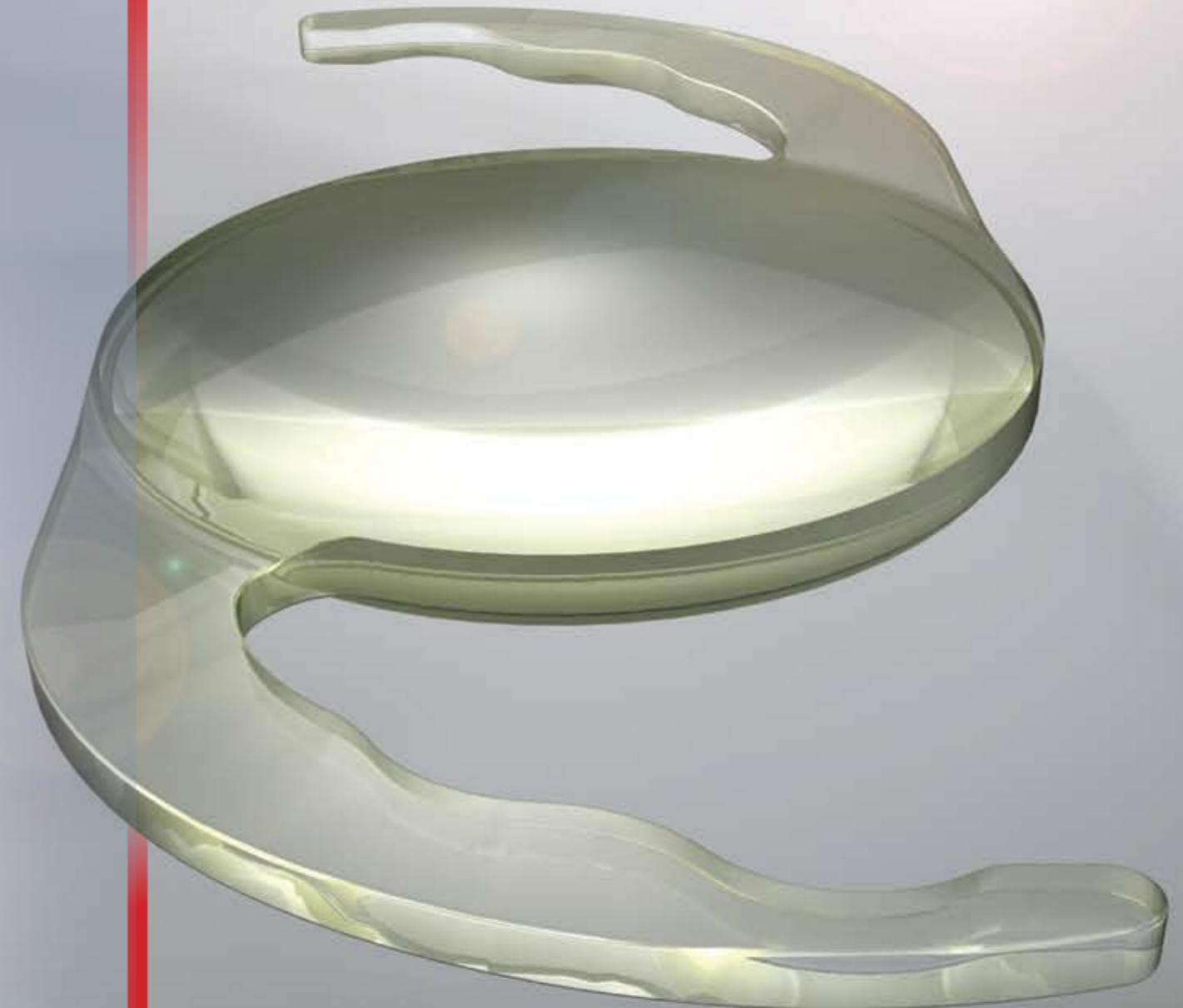
Hanita Lenses

Hanita Lenses is an Intraocular Lens and contact lenses manufacturer, which is active in the Israeli domestic market and the global market since 1981.

Hanita Lenses' strategy focuses on Technology and innovative R&D, in order to keep the company as a dynamic leading player in the Medical Device Ophthalmic market. The company holds high-end technologies and vast knowledge in the refractive and cataract surgery fields.

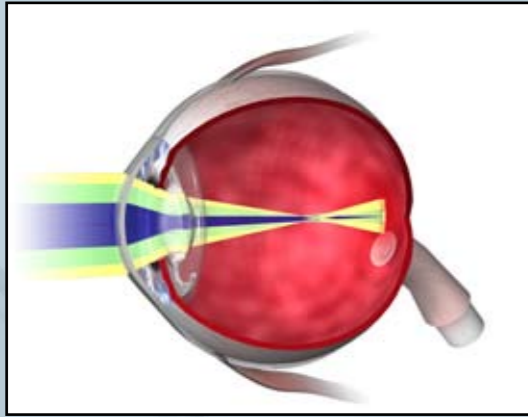
SeeLens AF

Providing Aberration Free Vision

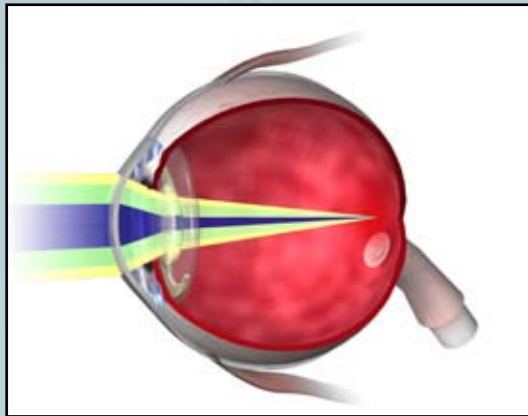


See for yourself

Spheric Lens
Spherical aberration



SeeLens AF
Aberration free



- **SeeLens AF** reduces spherical aberration to minimum
- **SeeLens AF** Improves functional vision
- **SeeLens AF** Improves night vision
- **SeeLens AF** designed with the most advanced optical tools

SeeLens AF, the new Aspheric Intraocular lens from Hanita Lenses, provides the patient with an excellent vision quality at day and night conditions, by using state-of-the-art aberration free aspheric optical design.

Advanced Optical Design

The Aspheric SeeLens AF was designed using the most advanced tools by a professional R&D team of optical and mechanical engineers. The optical profile algorithm of the SeeLens AF was calculated using ZEMAX™ software – a simulating tool for the optical design optimization. Calculations were aimed to minimize all aberrations, including the spherical aberration of the cornea, and to optimize the MTF (Modular Transfer Function).

Eye Model

Optical design was performed using the Arizona Eye Model. This advanced model correlates the eye anatomy parameters to the patient's age. The SeeLens AF was designed using the model's data for an elderly patient's eye. The result is an accurate simulation of the visual performance of the SeeLens AF in a post-operative eye.

Geometrical Design

- SeeLens AF ensures excellent stability and centration due to the unique C-loop mechanical design of the haptics.
- 360° double square edge in order to minimize PCO

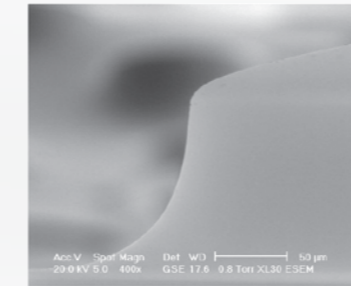
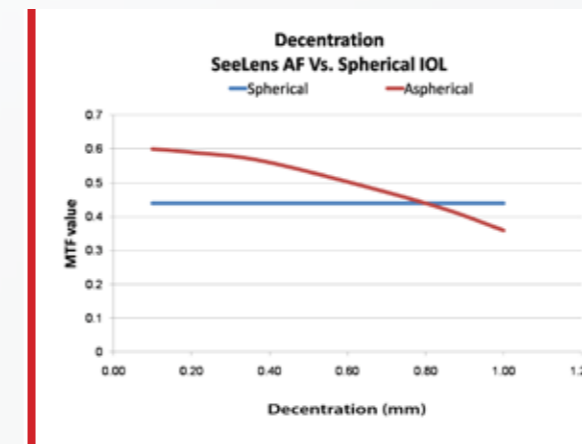


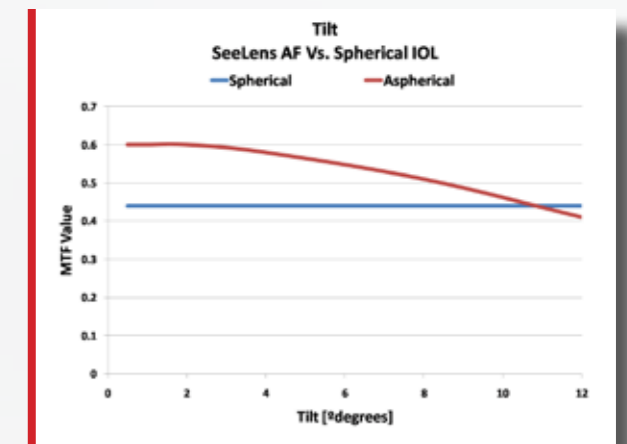
Image of the SeeLens AF square edge using SEM (X400) in a wet cell



Stability and Centration



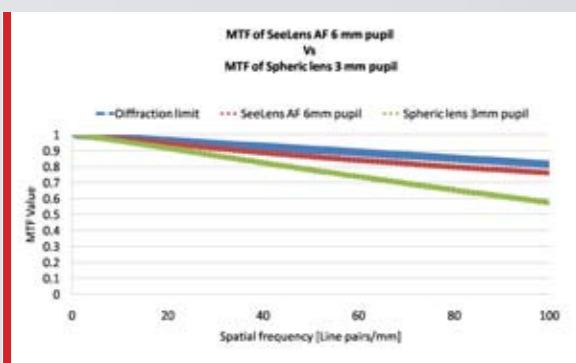
The SeeLens AF design provides a visual advantage over spheric lens even if decentered up to 0.8 mm



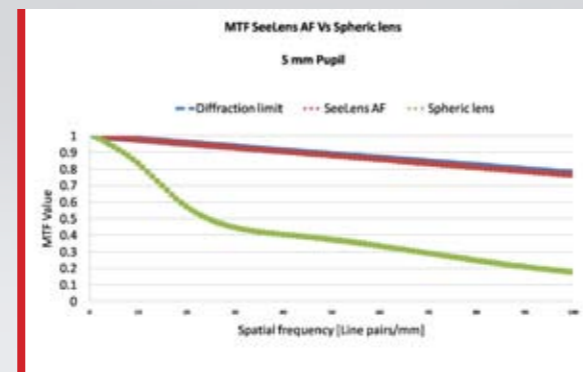
The SeeLens AF design provides a visual advantage over spheric lens even if tilted up to 10.9 degrees

Material

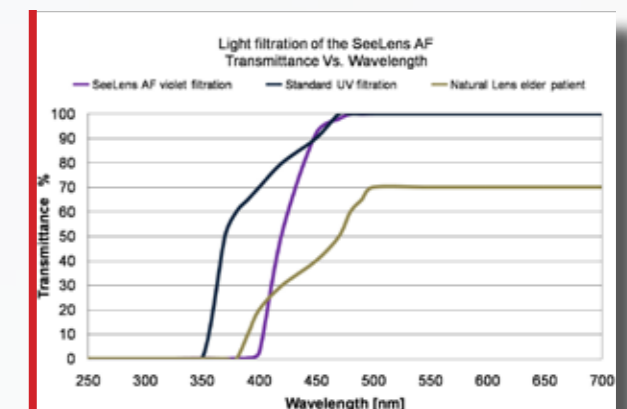
- The SeeLens AF is made of a hydrophilic acrylic material, with proven excellent reputation and many years of clinical experience.
- The SeeLens AF is characterized by excellent biocompatibility and mechanical quality.
- The SeeLens AF material incorporates a violet filtering chromophore for better protection of the retina.



The SeeLens AF provides an excellent night vision, even better than daylight vision with a standard spheric IOL



The SeeLens AF design provides an excellent optical quality at night conditions, near the theoretical limit



The SeeLens AF provides protection for the retina, by filtering light of wavelength below 400 nm