BunnyLens AF

Providing Aberration Free Vision. Aspheric design, also available as EASY PRELOADED IOL

Technical Specifications

Overall diameter.....	11 mm (10D and above); 11.5mm for lower D
Optic diameter.....	6.00 mm
Haptic angulation.....	5°
Optic design.....	Aspheric
Edge design.....	360° Continuous Square Edge
Power range.....	-5.0 to +10.0 (1D increments) +10.5 to +30.0 (0.5D increment) +31.0 to +40.0 (1D increment)

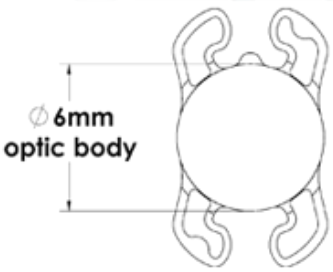
***Additional powers within the range can be supplied by special make to order**

Material.....	Hydrophilic Acrylic HEMA/EOEMA copolymer
Filtration.....	UV blocker and Violet Light Filter
Refractive Index.....	1.46 (hydrated @ 35° c)
Y.A.G laser.....	Compatible
A constant (SRK/T)	Optical / Immersion US biometry: 118.5* Contact US biometry: 118.16*
Placement.....	Capsular Bag

CE Approved

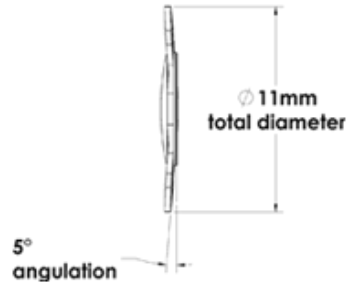
* It is recommended that surgeons personalize their A. Constant based on their surgical techniques and equipment, experience and pos- operative results. For more information please visit Hanita Lenses web.

Attributes



Advanced Optical Design

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



Eye Model

The Optical design of BunnyLens AF was performed using the advanced Arizona Eye model [1].
The parameters and dimensions of the eye model are consistent with average human data. The model was designed to match clinical levels of aberrations, both on and off axis.
The retina curvature is designed to split the tangential and sagittal foci off-axis.
The result is an accurate simulation of the visual performance of the BunnyLens AF in the Post- operative eye.
[1] Field Guide to Visual and Ophthalmic Optics; Jim Schwiegerling; Nov. 2004.

Geometrical Design

BunnyLens AF ensures excellent stability and centration due to four- point fixated mechanical design of the haptics.
360° double square edge in order to minimize PCO
Excellent memory – slow gentle release, superior foldability

Digitally signed by Pereteatco Alina
Date: 2022.02.04 16:38:36 EET
Reason: MoldSign Signature
Location: Moldova

Material

The BunnyLens AF is made from hydrophilic acrylic HEMA/ EOEMA copolymer material with a UV and Violet Light Filter, having a proven excellent reputation and many years of clinical experience
The BunnyLens AF is characterized by excellent biocompatibility and mechanical quality.

The BunnyLens AF material incorporates a natural yellow, violet filtering, chromophore for better protection of the retina.

Clinical Literature

BunnyLens AF - Clinical Evaluation - 3 month Follow-up

Evaluation of the BunnyLens AF as the platform for the Toric IOL

BunnyLens AF - Product brochure

Instruction for use - EASY BunnyLens AF Preloaded IOL

Instructional video for AccuJect Pro Preloaded System