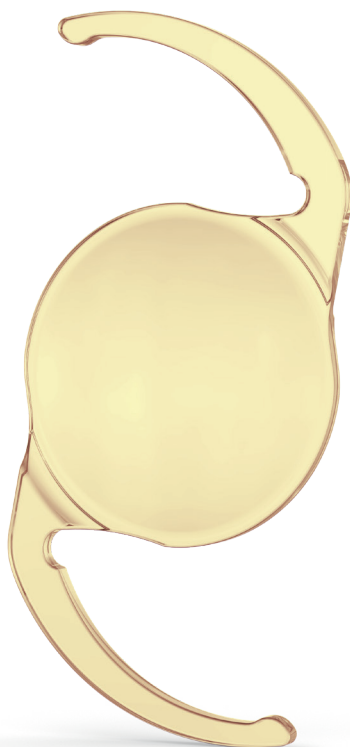


Basis Z

hydrophobic

Single piece, sterile, foldable aspheric hydrophobic acrylic intraocular lens (IOL) with UV blocker, with blue light filter. The optic is monofocal. The IOL is available as non-preloaded IOL, which must be manually loaded into an compatible injector before implantation.



MATERIAL

Hydrophobic acrylic with UV blocker and blue light filter

Refractive Index

1.47

Abbe Number

58

DESIGN

Optic Diameter
Overall Diameter

6 mm

13 mm

Optic Design

Aspheric - Aberration Neutral
Biconvex (0.0 D → +35.0 D)

Nominal A-constant

118.9

Haptic Design

Posterior vaulting Z-haptic with 0° angulation

PCO Prevention

360° sharp edge

Shelf Life

5 years after sterilization

INJECTION

Estimated Incision Size

2.2 - 2.4 mm

Recommended Injector

Compatibility chart available:
1stq.eu/compatibility/

CONSTANTS

for optical and immersion ultrasound measurements

SRK/T A-Constant

A = 119.033*

Haigis

a0 = 0.8751
a1 = 0.2659
a2 = 0.1416

Hoffer Q

pACD = 5.60

Holladay I

SF = 1.809

Barrett Universal II

LF = 1.90

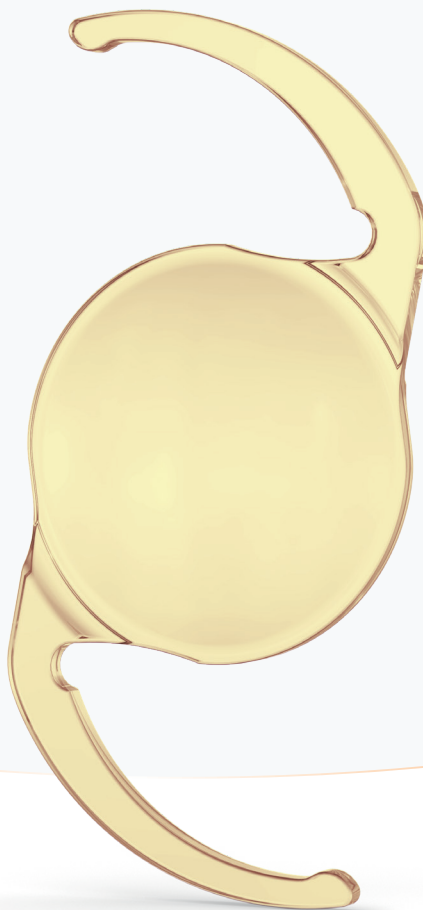
Holladay II

ACD = 5.57

*Based on IOL Con 03.2023

Basis Z

hydrophobic



POWER RANGE

Article No. Yellow	SEQ/Powers	Steps	Cylinders	Steps	Addition
B1ADY0	0.0 D to +9.0 D	1.0 D	-	-	-
B1ADY0	+10.0 D to +30.0 D	0.5 D	-	-	-
S1ADY0	+31.0 D to +35.0 D	1.0 D	-	-	-



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Leading
IOL solutions

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