

Basis Z

hydrophobic preloaded

Single piece, sterile, foldable aspheric hydrophobic acrylic intraocular lens (IOL) with UV blocker, with optional blue light filter. The optic is monofocal. The IOL is available as part of a preloaded injector system.



MATERIAL

Hydrophobic acrylic with UV blocker and optional blue light filter

Refractive Index

1.47

Abbe Number

58

DESIGN

Optic Diameter
Overall Diameter

6 mm

13 mm

Optic Design

Aspheric - Aberration Neutral
Biconcave (-10.0 D → -1.0 D)
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

2.5 years after sterilization

INJECTION

Estimated Incision Size

2.2 mm

Compatible Injector

POB-MA SINGLE-USE PRELOADED INJECTOR

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

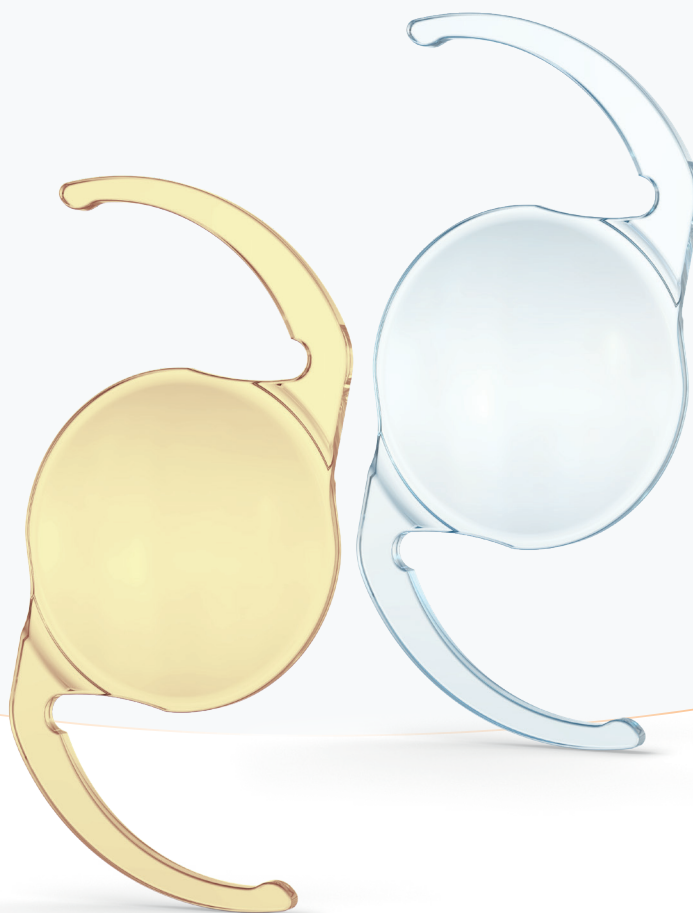
Holladay II

ACD = 5.57

*Based on IOL Con 03.2023

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POWER RANGE

Article No. Clear	Article No. Yellow	SEQ/Powers	Steps	Cylinders	Steps	Addition
S1AB00	S1ABY0	-10.0 D to -1.0 D	1.0 D	-	-	-
B1AB00	B1ABY0	0.0 D to +9.0 D	1.0 D	-	-	-
B1AB00	B1ABY0	+10.0 D to +30.0 D	0.5 D	-	-	-
S1AB00	S1ABY0	+31.0 D to +35.0 D	1.0 D	-	-	-



1stQ GmbH

Konrad-Zuse-Ring 23 | 68163 Mannheim
Germany



Leading
IOL solutions

www.1stq.eu
www.1stq.de/en