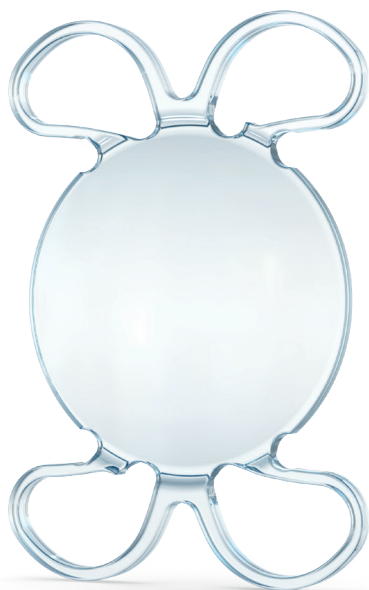


Basis Q

hydrophilic

Single piece, sterile, foldable acrylic aspheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker, optionally with blue light filter. The optic is monofocal. The IOL is non-preloaded, which has to be manually loaded into a compatible injector before implantation.



MATERIAL

Copolymer of hydrophobic and hydrophilic monomers with 25% water content, UV blocker and optional blue light filter

Refractive Index

1.46

Abbe Number

58

DESIGN

Optic Diameter
Overall Diameter

6 mm

11.0 mm (0.0 D → +15.0 D)
10.7 mm (+15.5 D → +35.0 D)

Optic Design

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

Nominal A-constant

118.9

Haptic Design

Posterior vaulting 4 closed loops with 0°
angulation

PCO Prevention

360° sharp edge

Shelf Life

5 years after sterilization

INJECTION

Estimated Incision Size

1.8 - 2.2 mm

Recommended Injector

Compatibility chart available:
1stq.eu/compatibility/

CONSTANTS

for optical and immersion ultrasound measurements

SRK/T A-Constant

A = 118.925*

Haigis

a0 = -0.9438
a1 = 0.3731
a2 = 0.2002

Hoffer Q

pACD = 5.509

Holladay I

SF = 1.746

Barrett Universal II

LF = 1.84

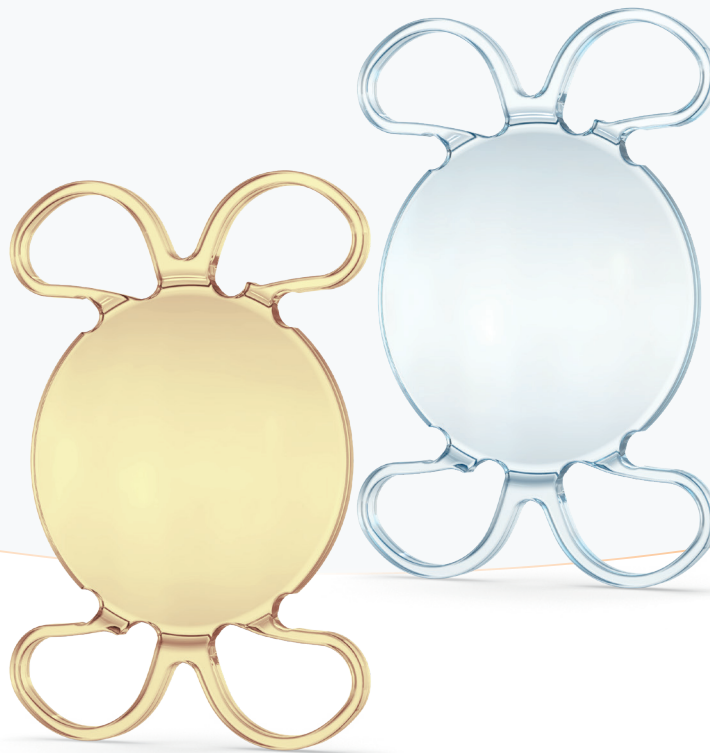
Holladay II

ACD = 5.508

*Based on IOL Con 03.2023

Basis Q

hydrophilic



POWER RANGE

Article No. Clear	Article No. Yellow	SEQ/Powers	Steps	Cylinders	Steps	Addition
B2AW00	B2AWY0	0.0 D to +9.0 D	1.0 D	-	-	-
B2AW00	B2AWY0	+10.0 D to +30.0 D	0.5 D	-	-	-
S2AW00	S2AWY0	+31.0 D to +35.0 D	1.0 D	-	-	-



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Leading
IOL solutions

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