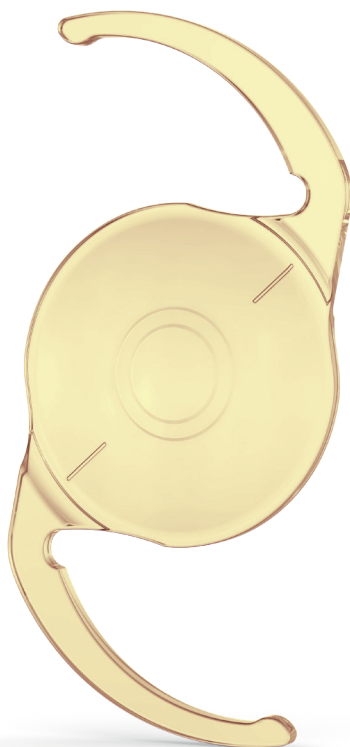


Basis Z

EDOF toric

Single piece, sterile, foldable aspheric hydrophobic acrylic intraocular lens (IOL) with UV blocker and blue light filter. The optic is EDOF toric, with refraction-based central Wavefront Linking zones. The IOL is available as part of a preloaded injector system.



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 (+10.0 D → +30.0 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 = 118.824*

Haigis

a0 = 0.3136
a1 = 0.1158
a2 = 0.1758

Hoffer Q

pACD = 5.411

Holladay I

SF = 1.662

Barrett Universal II

LF = 1.79

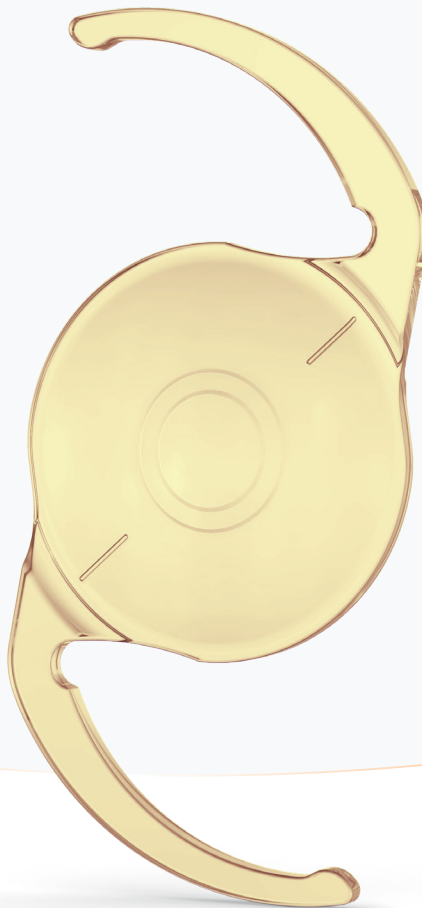
Holladay II

ACD = 5.444

*Based on IOL Con 03.2023

Basis Z

EDOF toric



POWER RANGE

Article No. Yellow	SEQ/Powers	Steps	Cylinders	Steps	Addition
B1ZBY0	+10.0 D to +30.0 D	0.5 D	1.00 D to 1.50 D	0.50 D	
B1ZBY0	+10.0 D to +30.0 D	0.5 D	2.25 D to 4.50 D	0.75 D	
S1ZBY0	+11.0 D to +30.0 D	0.5 D	5.25 D to 6.00 D	0.75 D	

Please find the online AddOn Calculator here: <https://www.1stq.de/en/iol-calculators/>



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