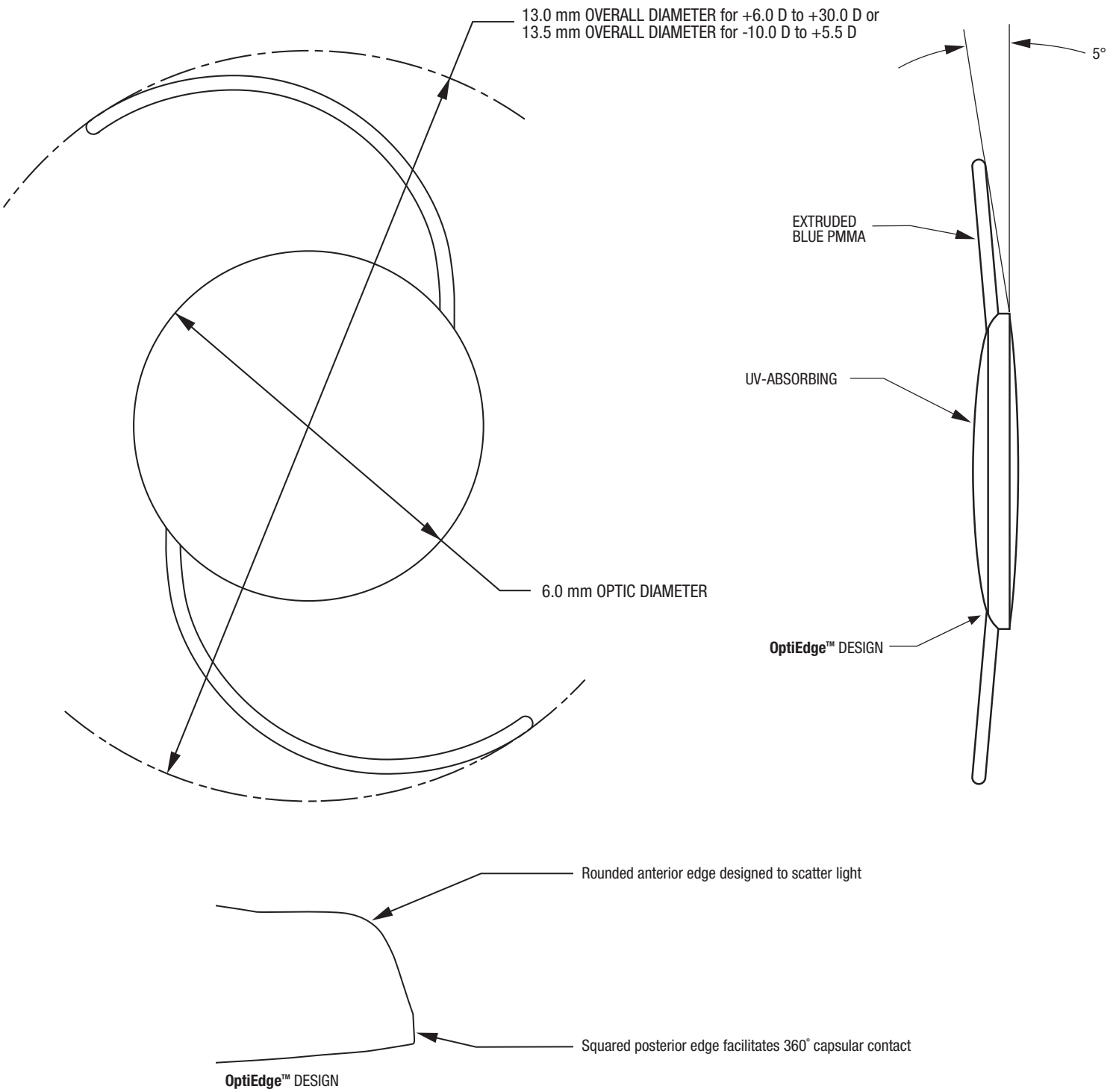
SENSAR™ 3-Piece IOL



ACRYLIC IOL
Sensar™

Models: AR40M
AR40E
AR40e

DESCRIPTION	AR40M	AR40E	AR40e
OPTIC CHARACTERISTICS[1,2]			
Powers:	-10.0 D to +1.0 D in 1 diopter increments	+2.0 D to +5.0 D in 1 diopter increments	+6.0 D to +12.0 D and +26.0 to +30.0 D in 1.0 diopter increments +12.5 D to +25.5 D in 0.5 D diopter increments
Diameter:	6.0 mm	6.0 mm	6.0 mm
Shape:	Meniscus	Biconvex	Biconvex
Material:	UV-absorbing hydrophobic acrylic	UV-absorbing hydrophobic acrylic	UV-absorbing hydrophobic acrylic
Edge Design:	**OptiEdge**™ with 360° square posterior edge, and round anterior edge	**OptiEdge**™ with 360° square posterior edge, and round anterior edge	**OptiEdge**™ with 360° square posterior edge, and round anterior edge
OPTICAL BIOMETRY[3]			
A-Constant (SRK/T):	118.7	118.7	118.7
AC Depth (HofferQ):	-	5.41 mm	5.39 mm
Surgeon Factor (Holl.1):	-	1.63 mm	1.62 mm
APPLANATION ULTRASOUND BIOMETRY			
A-Constant:†	118.4	118.4	118.4
Theoretical AC Depth:	5.2 mm	5.2 mm	5.2 mm
Surgeon Factor:[4]	1.45 mm	1.45 mm	1.45 mm
HAPTIC CHARACTERISTICS[1,2]			
Overall Diameter:	13.5 mm	13.5 mm	13.0 mm
Style:	Modified C	Modified C	Modified C
Material:	Blue Core Polymethylmethacrylate (PMMA) Monofilament	Blue Core Polymethylmethacrylate (PMMA) Monofilament	Blue Core Polymethylmethacrylate (PMMA) Monofilament
Angle:	5°	5°	5°
RECOMMENDED INSERTION INSTRUMENTS	**MODEL**	**MODEL**	**MODEL**
The **UNFOLDER**™ Emerald Series Handpiece	EMERALDT	EMERALDT	EMERALDT
The **UNFOLDER**™ Emerald Series Cartridge	EMERALDC	EMERALDC	EMERALDC

†A-Constant theoretically derived for ultrasound biometry.

For healthcare professionals only. Please reference the Instructions for Use for a complete list of Indications and Important Safety Information and contact our specialists in case of any questions.

1. SENSAR 3-p AR40e – 10.0 - +30.0 D – DfU – Z311122P, Rev. C, 09/2019. REF2020CT4139.
2. SENSAR 3-p AR40E-AR40M – 10.0 - +5.5 D – DfU OUS – Z311124P, Rev. C, 09/2019. REF2020CT4138.
3. IOLCon website https://iolcon.org. Status 6 March 2019. REF2021MLT4006.
4. Calculated based on Holladay I formula. Holladay JT, et al. A three-part system for refining intraocular lens power calculation. *J Cataract Refract Surg* 1988;14(1):17-24. REF2014CT0092. Holladay JT. International Intraocular Lens & Implant Registry 2003. *J Cataract Refract Surg* 2003;29:176-197. REF2016CT0151.

PP2023CT5321

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