

Table of Constants

Updated 01 Jun 2021

SAV-IOL Intraocular Lenses	SRK/T A	SRK II A	Hoffer Q	Holladay	Haigis			Ultrasound	Barrett LF
	Measured	Extrapolated							
		pACD	SF	A0	A1	A2			
Lucidis 108M Lucidis 108MT	118.00	118.15	4.88	1.10	0.647	0.400	0.100	117.50	1.36
Lucidis 124M Lucidis 124MT	118.50	118.78	5.20	1.42	0.978	0.400	0.100	118.00	1.62
Eden 108M Eden 108MT	117.80	117.90	4.75	0.97	0.515	0.400	0.100	117.30	1.26
Eden 124M Eden 124MT	118.50	118.78	5.20	1.42	0.978	0.400	0.100	118.00	1.62
Harmonis (10.8)	117.80	117.90	4.75	0.97	0.515	0.400	0.100	117.30	1.26
Harmonis (12.4)	118.30	118.53	5.07	1.29	0.846	0.400	0.100	117.80	1.52

Comments

Nominal A-Constant	118.0 (all lenses)
Extrapolated Constants	From ULIB Database (except Ultrasound and Barrett LF) <i>Conversion of IOL constants into one another</i> http://ocusoft.de/scripts2/ciolic.php
Ultrasound	Ultrasound constants are statistically shifted of -0.5 from the SRK/T value
Barrett LF Constant	Barrett constants are extrapolated from the Lenstar biometer
Hill-RBF A-Constant	Hill RBF A-Constant is dynamically updated in the Lenstar per the users' inputs
Olsen Formula	Olsen parameters are inside the Lenstar
Recommendation	SAV-IOL recommends that surgeons personalize their constant based on their surgical technique, equipment, experience and post-operative results.

Change Log

01 Jun 2021	Creation of controlled document number PKG 01146 V01
12 Sep 2019	Add the toric version of Lucidis and Eden lenses, remove the InFo lens, add the Barrett constant for Harmonis (12.4), add comments for Hill RBF and Olsen
28 Sep 2018	Add of the Harmonis lens
13 Jul 2018	Add of the Barret LF constant