

Optimised IOL Constants

of LENTIS®, FEMTIS® and ACUNEX® intraocular lenses
for the Zeiss IOL-Master. Calculated from patient data on file.



Please mind the new IOL constants !!!

IOL	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*Barrett	*Holl.2	*Hill RBF	i
LENTIS® L-302-1	A = 118.0	a0 = 1.833 a1 = 0.138 a2 = 0.096	pACD = 5.11	sf = 1.35	A = 118.30	A = 118.5	LF = 1.52 DF = 0	5.140	A = 118.30	#
LENTIS® L-312	A = 118.0	a0 = -2.476 a1 = 0.046 a2 = 0.300	pACD = 5.26	sf = 1.50	A = 118.50	A = 118.7	LF = 1.62 DF = 0	5.260	A = 118.50	#
LENTIS® LS-312Y	A = 118.0	a0 = 0.860 a1 = 0.400 a2 = 0.100	pACD = 5.04	sf = 1.25	A = 118.10	A = 118.3	LF = 1.41 DF = 0	5.020	A = 118.10	#
LENTIS® L-303	A = 118.0	a0 = 0.962 a1 = -0.074 a2 = 0.161	pACD = 5.13	sf = 1.36	A = 118.30	A = 118.4	LF = 1.52 DF = 0	5.140	A = 118.30	#
LENTIS® L-313 LENTIS® L-323 myLENTIS® LU-323	A = 118.0	a0 = 0.820 a1 = 0.400 a2 = 0.100	pACD = 5.01	sf = 1.26	A = 118.10	A = 118.4	LF = 1.41 DF = 0	5.020	A = 118.10	#
LENTIS® LS-313Y	A = 118.0	a0 = 1.020 a1 = 0.400 a2 = 0.100	pACD = 5.19	sf = 1.43	A = 118.40	A = 118.5	LF = 1.57 DF = 0	5.200	A = 118.40	#
LENTIS® Tplus LS-313 T0-T6 LENTIS® Tplus X LU-313 T TY myLENTIS® toric LU-323 T TY	A = 118.0	a0 = 0.970 a1 = 0.400 a2 = 0.100	pACD = 5.18	sf = 1.37	A = 118.20	A = 118.2	LF = 1.46 DF = 0	5.075	A = 118.20	#
NEW LENTIS® Comfort LS-313 MF15	A = 118.0	a0 = 1.019 a1 = 0.309 a2 = 0.107	pACD = 5.15	sf = 1.38	A = 118.32	A = 118.5	LF = 1.53 DF = 0	5.150	A = 118.32	~
NEW LENTIS® Mplus LS-313 MF20	A = 118.0	a0 = 1.142 a1 = 0.400 a2 = 0.100	pACD = 5.38	sf = 1.57	A = 118.66	A = 118.9	LF = 1.71 DF = 0	5.350	A = 118.66	~
LENTIS® Mplus LS-313 MF30 LENTIS® Mplus X LU-313 MF30	A = 118.0	a0 = 0.950 a1 = 0.400 a2 = 0.100	pACD = 5.21	sf = 1.47	A = 118.50	A = 118.6	LF = 1.62 DF = 0	5.260	A = 118.50	#
NEW LENTIS® Comfort toric LS-313 MF15 T0-T6 LENTIS® Mplus LU-313 MF15 T TY	A = 118.0	a0 = 0.706 a1 = 0.274 a2 = 0.127	pACD = 5.18	sf = 1.34	A = 118.18	A = 118.3	LF = 1.45 DF = 0	5.070	A = 118.18	~
LENTIS® Mplus toric LU-313 MF20 T TY LENTIS® Mplus toric LU-313 MF30 T TY LENTIS® Mplus X toric LU-313 MF30 T TY	A = 118.0	a0 = 0.870 a1 = 0.400 a2 = 0.100	pACD = 5.11	sf = 1.33	A = 118.20	A = 118.2	LF = 1.46 DF = 0	5.075	A = 118.20	#
NEW LENTIS® LU-814 VR LENTIS® Tplus LU-814 T LENTIS® Mplus LU-814 MF30 LENTIS® Mplus toric LU-814 MF30 T	A = 119.0	a0 = -0.413 a1 = 0.220 a2 = 0.205	pACD = 5.70	sf = 1.95	A = 119.24	A = 119.7	LF = 2.01 DF = 0	5.690	A = 119.24	~
NEW FEMTIS® FB-313 FEMTIS® Comfort FB-313 MF15 FEMTIS® Comfort toric FB-313 MF15 T0-T3	A = 117.8	a0 = 0.759 a1 = 0.400 a2 = 0.100	pACD = 5.03	sf = 1.27	A = 118.14	A = 118.4	LF = 1.43 DF = 0	5.050	A = 118.14	~

*based on SRK/T values

Qf2293v2 Revision 10.01.2020

	IOL	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*Barrett	*Holl.2	*Hill RBF	i
NEW	ACUNEX® W60-R	A = 119.1	a0 = 1.523 a1 = 0.348 a2 = 0.113	pACD = 5.79	sf = 2.00	A = 119.30	A = 119.7	LF = 2.04 DF = 0	5.720	A = 119.30	~
NEW	ACUNEX® VARIO AN6V	A = 119.1	a0 = 1.625 a1 = 0.400 a2 = 0.100	pACD = 5.74	sf = 2.01	A = 119.20	A = 119.6	LF = 1.99 DF = 0	5.670	A = 119.20	~
NEW	ACUNEX® VARIOMAX AN6VM	A = 119.1	a0 = 1.480 a1 = 0.400 a2 = 0.100	pACD = 5.73	sf = 1.97	A = 119.30	A = 119.6	LF = 2.04 DF = 0	5.720	A = 119.30	~

*based on SRK/T values

Qf2293v2 Revision 10.01.2020

Source: ULIB (User Group for Laser Interference Biometry) www.ocusoft.de/ulib/c1.htm

~ Source: IOLcon (Steinbeis Vision Research) <https://iolcon.org/lensestable.php>

Please note that neither Teleon, IOLcon or ULIB can be held responsible for the correct specification of the optimised IOL constants for the Zeiss IOLMaster.

The given IOL constants are to be seen as a guide value and basis for the calculation of the IOL refractive power. Detailed information for the calculation of own constants can be found at www.ocusoft.de/ulib/c1.htm and <https://iolcon.org/lensestable.php>.