

Optimised IOL Constants

of LENTIS® and FEMTIS® 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
LENTIS® L-302-1	A = 118.0	a0 = 1.833 a1 = 0.138 a2 = 0.096	pACD = 5.11	sf = 1.35	A = 118.3	A = 118.5	LF = 1.52	5.140	A = 118.3
LENTIS® L-312	A = 118.0	a0 = -2.476 a1 = 0.046 a2 = 0.300	pACD = 5.26	sf = 1.50	A = 118.5	A = 118.7	LF = 1.62	5.260	A = 118.5
LENTIS® LS-312Y	A = 118.0	a0 = 0.860 a1 = 0.400 a2 = 0.100	pACD = 5.04	sf = 1.25	A = 118.1	A = 118.3	LF = 1.41	5.020	A = 118.1
LENTIS® L-303	A = 118.0	a0 = 0.962 a1 = -0.074 a2 = 0.161	pACD = 5.13	sf = 1.36	A = 118.3	A = 118.4	LF = 1.52	5.140	A = 118.3
LENTIS® L-313	A = 118.0	a0 = 0.820 a1 = 0.400 a2 = 0.100	pACD = 5.01	sf = 1.26	A = 118.1	A = 118.4	LF = 1.41	5.020	A = 118.1
NEW NEW myLENTIS® LU-323 Y									
LENTIS® LS-313Y	A = 118.0	a0 = 1.020 a1 = 0.400 a2 = 0.100	pACD = 5.19	sf = 1.43	A = 118.4	A = 118.5	LF = 1.57	5.200	A = 118.4
LENTIS® ^{Tplus} LS-313 T1-T6 LENTIS® ^{Tplus} × LU-313 T TY NEW 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 = 118.2	A = 118.2	LF = 1.46	5.075	A = 118.2
LENTIS® ^{Comfort} LS-313 MF15 LENTIS® ^{Mplus} LS-313 MF20 LENTIS® ^{Mplus} LS-313 MF30 LENTIS® ^{Mplus} × LS-313 MF30	A = 118.0	a0 = 0.950 a1 = 0.400 a2 = 0.100	pACD = 5.21	sf = 1.47	A = 118.5	A = 118.6	LF = 1.62	5.260	A = 118.5
LENTIS® ^{Comfort} ^{toric} LS-313 MF15 T0-T6 LENTIS® ^{Mplus} ^{toric} LU-313 MF20 T TY LENTIS® ^{Mplus} ^{toric} LU-313 MF30 T TY LENTIS® ^{Mplus} × ^{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 = 118.2	A = 118.2	LF = 1.46	5.075	A = 118.2
NEW NEW NEW 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 = 1.560 a1 = 0.400 a2 = 0.100	pACD = 5.71	sf = 1.94	A = 119.2	A = 119.6	LF = 1.99	5.670	A = 119.2
NEW NEW FEMTIS® FB-313 FEMTIS® ^{Comfort} FB-313 MF15	A = 117.8	a0 = 0.515 a1 = 0.400 a2 = 0.100	pACD = 4.75	sf = 0.97	A = 117.8	A = 117.9	LF = 1.26	4.850	A = 117.8
W-60R	A = 118.9	a0 = 1.480 a1 = 0.400 a2 = 0.100	pACD = 5.73	sf = 1.97	A = 119.3	A = 119.6	LF = 2.04	5.720	A = 119.3

*based on SRK/T values *Barrett design factor (DF) can be left empty

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

References: www.ocusoft.de/ulib/c1.htm

The given constants are to be seen as a guide value and basis for the calculation of the IOL refractive power. Detailed information on the calculation of own constants can be found at www.ocusoft.de/ulib/c1.htm

In case of any questions please contact:

Michael Ihring, Phone. +49 (0)30 / 43 09 55 25 Robert Scholz, Phone. +49 (0)30 / 43 09 55 143