Optimised IOL Constants

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

TELEON®

Please mind the new IOL constants !!!

IOL	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*`Barrett	*Holl.2	*Hill RBF	*KANE
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	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	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	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	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	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	A = 118.40
LENTIS® QUANTUM **L-333**	A = 118.0	a0 = 0.912 a1 = 0.400 a2 = 0.100	pACD = 5.14	sf = 1.35	A = 118.40	A = 118.65	LF = 1.57 DF = 0	5.200	A = 118.40	A = 118.40
LENTIS® Tplus **LS-313 T0-T6** LENTIS® Tplus **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	A = 118.20
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	A = 118.32
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	A = 118.66
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 = 118.50	A = 118.6	LF = 1.62 DF = 0	5.260	A = 118.50	A = 118.50
LENTIS® Comfort toric **LS-313 MF15 T0-T6** LENTIS® Mplus toric **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	A = 118.18
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 = 118.20	A = 118.2	LF = 1.46 DF = 0	5.075	A = 118.20	A = 118.20
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	A = 119.24
FEMTIS® **FB-313** FEMTIS® Comfort **FB-313 MF15** FEMTIS® Comfort toric **FB-313 MF15 T0-T3** FEMTIS® Mplus **FB-313 MF30** FEMTIS® Mplus toric **FB-313 MF30 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	A = 118.14

*based on SRK/T values

Qf2293v7 Revision 31.05.2022

Teleon Surgical Vertriebs GmbH | Phone. +49 (0)30 / 43 09 55 0 Email. iol@teleon-surgical.com Web. **www.teleon-surgical.com**

	IOL	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*`Barrett	*Holl.2	*Hill RBF	*KANE
NEW NEW	ACUNEX® QUANTUM AN6Q ACUNEX® AN6	A = 119.1	a0 = 1.640 a1 = 0.400 a2 = 0.100	pACD = 5.84	sf = 2.06	A = 119.50	A = 120.03	LF = 2.15 DF = 0	5.840	A = 119.50	A = 119.50
NEW NEW	ACUNEX® VARIO AN6V ACUNEX® VARIQtonic AN6V T0-T3	A = 119.1	a0 = 1.640 a1 = 0.400 a2 = 0.100	pACD = 5.84	sf = 2.06	A = 119.50	A = 120.03	LF = 2.15 DF = 0	5.840	A = 119.50	A = 119.50
	ACUNEX® VARIOMAX AN6VM ACUNEX® VARIOMAXtonic AN6VM T0-T3	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	A = 119.30

***based on SRK/T values**

Qf2293v7 Revision 31.05.2022

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

Please note that neither Teleon or IOLcon 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.