

Optimised IOL Constants


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



IOL	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*Barrett	*Holl.2	*Hill RBF	*KANE
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	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® T _{plus} LS-313 T0-T6 LENTIS® T _{plus} × LU-313 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® M _{plus} 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® M _{plus} LS-313 MF30 LENTIS® M _{plus} × LS-313 MFX30	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® M _{plus} ^{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® M _{plus} ^{toric} LU-313 MF20 T TY LENTIS® M _{plus} ^{toric} LU-313 MF30 T TY LENTIS® M _{plus} × ^{toric} LU-313 MFX30 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® M _{plus} LU-814 MF30	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® M _{plus} FB-313 MF30 FEMTIS® M _{plus} ^{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

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IOL	nominal	Haigis	HofferQ	Holl.1	SRK/T	SRK II	*Barrett	*Holl.2	*Hill RBF	*KANE
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
ACUNEX® VARIO AN6V  ACUNEX® VARIO _{optic} AN6V TO-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® VARIOMAX _{toric} AN6VM TO-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

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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.