

# Optimised IOL Constants

of LENTIS® 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    |
|---|-------------------------|--|-------------|-----------|-----------|-----------|
| LENTIS® L-301-1   | A = 118.0<br>ACD = 4.97 | a0 = 1.05   a1 = 0.40<br>a2 = 0.10     | pACD = 5.19 | sf = 1.39 | A = 118.3 | A = 118.5 |
| LENTIS® L-302-1<br>LENTIS® LS-302Y  | A = 118.0<br>ACD = 4.97 | a0 = 1.833   a1 = 0.138<br>a2 = 0.096  | pACD = 5.11 | sf = 1.35 | A = 118.3 | A = 118.5 |
| LENTIS® L-312   | A = 118.0<br>ACD = 4.97 | a0 = -2.476   a1 = 0.046<br>a2 = 0.300 | pACD = 5.26 | sf = 1.50 | A = 118.5 | A = 118.7 |
| <b>NEW</b> LENTIS® LS-312Y  | A = 118.0<br>ACD = 4.97 | a0 = 0.86   a1 = 0.40<br>a2 = 0.10     | pACD = 5.04 | sf = 1.25 | A = 118.1 | A = 118.3 |
| LENTIS® L-303   | A = 118.0<br>ACD = 4.97 | a0 = 0.962   a1 = -0.074<br>a2 = 0.161 | pACD = 5.13 | sf = 1.36 | A = 118.3 | A = 118.4 |
| LENTIS® L-313   | A = 118.0<br>ACD = 4.97 | a0 = 0.82   a1 = 0.40<br>a2 = 0.10     | pACD = 5.01 | sf = 1.26 | A = 118.1 | A = 118.4 |
| <b>NEW</b> LENTIS® LS-313Y  | A = 118.0<br>ACD = 4.97 | a0 = 1.02   a1 = 0.40<br>a2 = 0.10     | pACD = 5.19 | sf = 1.43 | A = 118.4 | A = 118.5 |
| <b>NEW</b> LENTIS® T <sub>plus</sub> LS-313 T1-T6<br><b>NEW</b> LENTIS® T <sub>plus</sub> × LU-313 T  | A = 118.0<br>ACD = 4.97 | a0 = 0.97   a1 = 0.40<br>a2 = 0.10     | pACD = 5.18 | sf = 1.37 | A = 118.2 | A = 118.2 |
| LENTIS® Comfort<br>LENTIS® m <sub>plus</sub> × LS-313 MF30<br>LENTIS® m <sub>plus</sub> LS-313 MF30<br>LENTIS® m <sub>plus</sub> LS-313 MF20  | A = 118.0<br>ACD = 4.97 | a0 = 0.95   a1 = 0.40<br>a2 = 0.10     | pACD = 5.21 | sf = 1.47 | A = 118.5 | A = 118.6 |
| LENTIS® m <sub>plus</sub> × <sup>toric</sup> LU-313 MF30 T   TY<br>LENTIS® m <sub>plus</sub> <sup>toric</sup> LU-313 MF30T   TY<br>LENTIS® m <sub>plus</sub> <sup>toric</sup> LU-313 MF20T   TY<br>LENTIS® Comfort <sup>toric</sup> | A = 118.0<br>ACD = 4.97 | a0 = 0.87   a1 = 0.40<br>a2 = 0.10     | pACD = 5.11 | sf = 1.33 | A = 118.2 | A = 118.2 |
| LENTIS® L-402   | A = 118.0<br>ACD = 4.96 | a0 = -1.204   a1 = 0.103<br>a2 = 0.230 | pACD = 5.05 | sf = 1.30 | A = 118.2 | A = 118.5 |
| LENTIS® LS-412Y   | A = 118.0<br>ACD = 4.96 | a0 = 0.88   a1 = 0.40<br>a2 = 0.10     | pACD = 5.07 | sf = 1.30 | A = 118.2 | A = 118.4 |

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

**In case of any questions please contact:**

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