

DATA SHEET

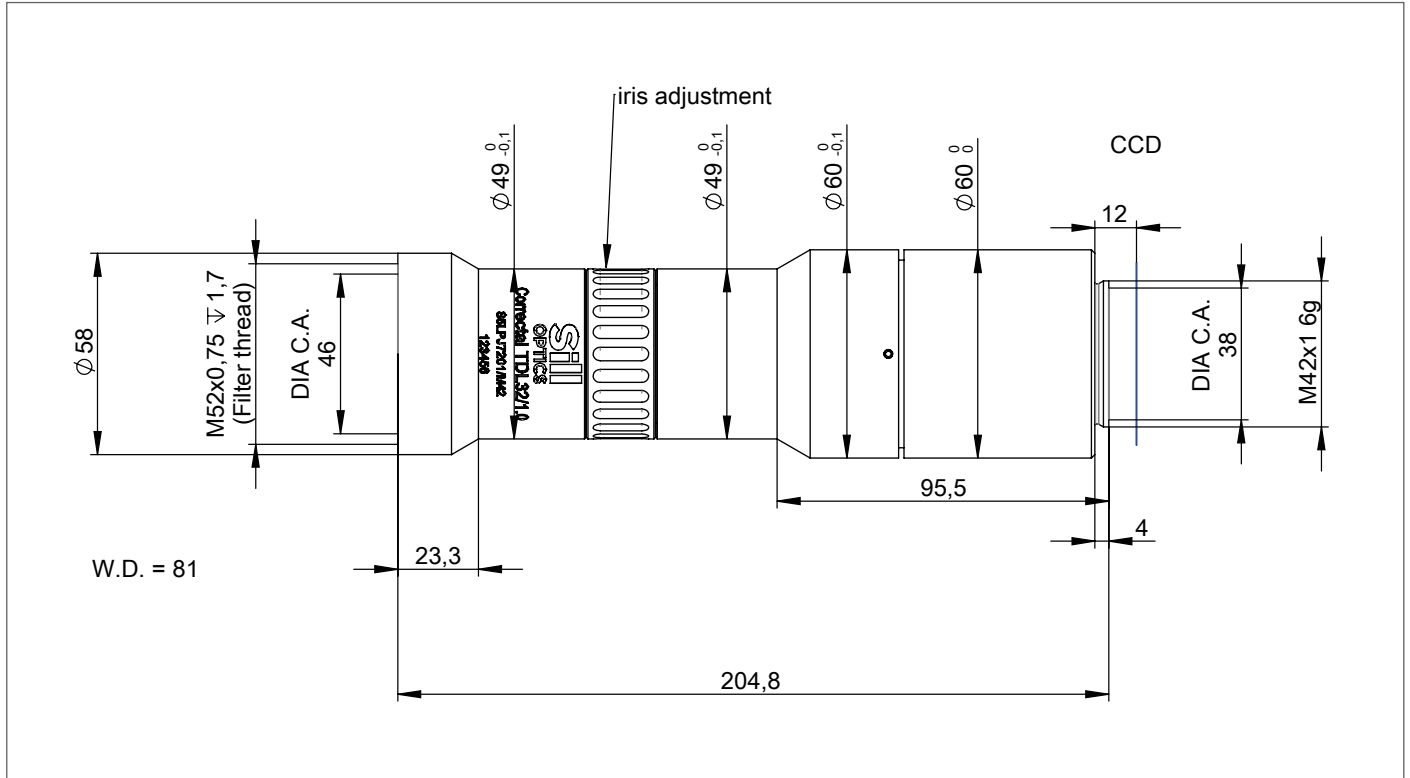
S5LPJ7201-M42 CORRECTAL TDL32/1.0

- ▶ STANDARD TELECENTRIC LENSES
- ▶ BI-TELECENTRIC
- ▶ WITH M42X1
- ▶ VARIABLE IRIS (MANUAL)



ILLUSTRATION ONLY - THE LENS COLOR CHANGES DEPENDING ON THE COATING

OUTLINE DRAWING



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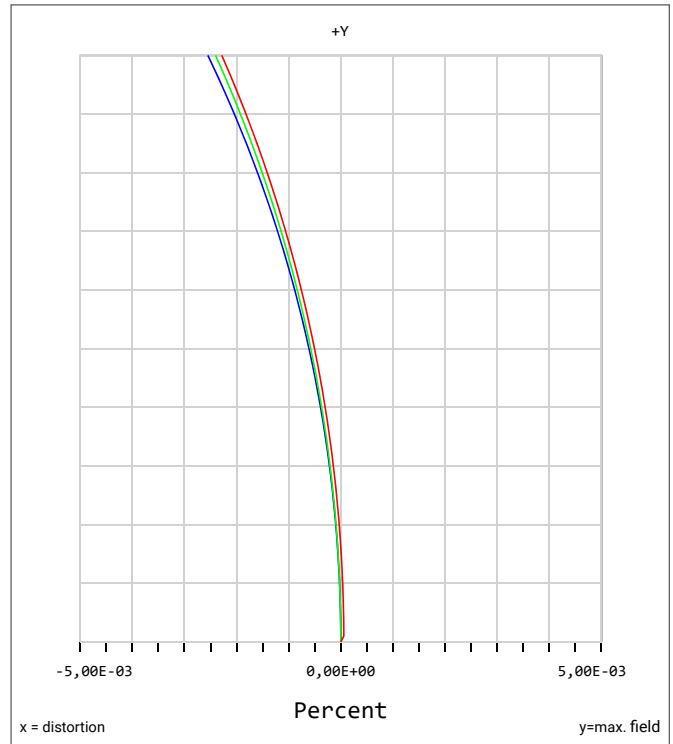
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SPECIFICATIONS

| | |
|--|-----------------------------------|
| article number | S5LPJ7201-M42 |
| wavelength range [nm] | 450 - 700 |
| design wavelength [nm] | 450 - 700 |
| magnification (+/-5%) | 1.0 |
| working distance [mm] (+/-2%) | 81.0 |
| object size [mm] at a chip size of [mm] | 19.2 x 14.4 19.2 x 14.4 (1.5") |
| object size [mm] at a chip size of [mm] | 19.9 x 19.9 19.9 x 19.9 (28.2) |
| object size [mm] at a chip size of [mm] | 23.0 x 23.0 23.0 x 23.0 (32.6) |
| max. telecentricity error [°] | 0.08 |
| recommended numerical aperture | 0.07 |
| max. distortion [%] | < 0.02 |
| weight [kg] | 0.75 |
| flange back distance [mm] | 12.0 |
| accessory | - |

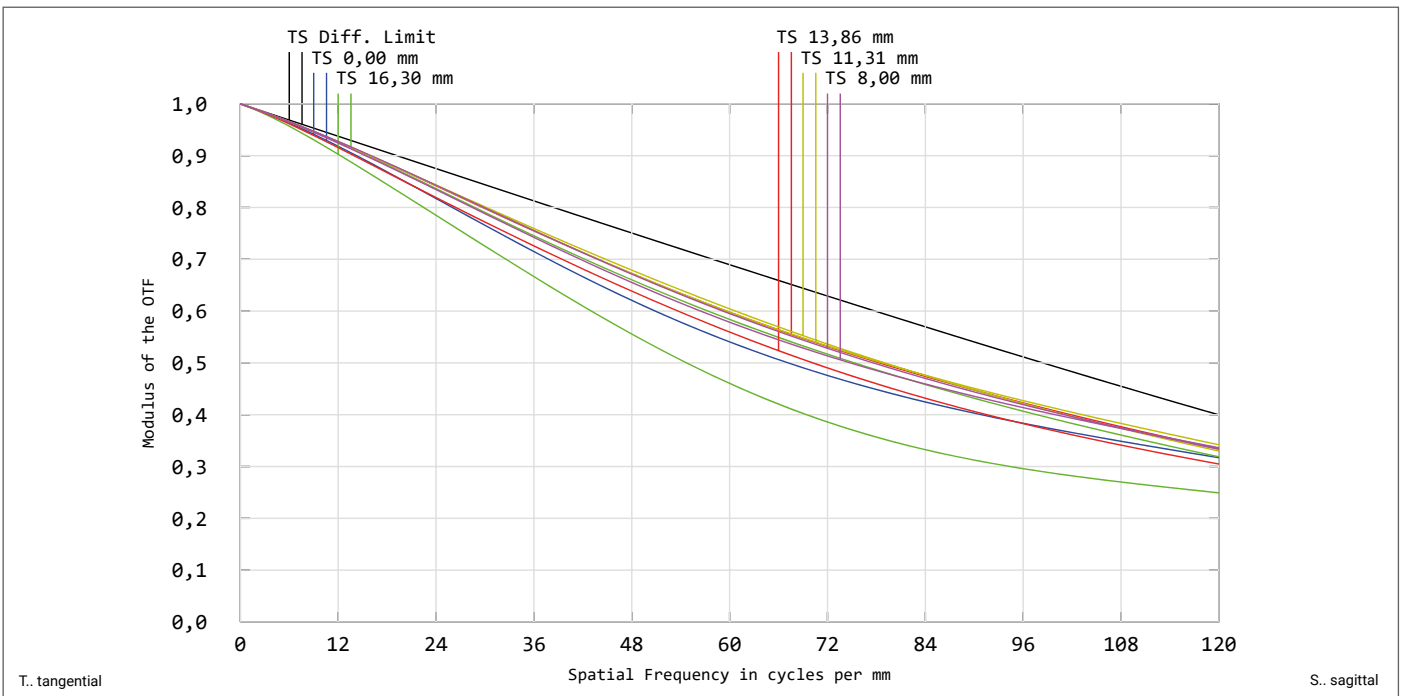
DISTORTION FOR 450 - 700 nm



REMARKS

useable for wavelength band 800-900 nm with working distance 81.6 mm

MTF FOR VARIOUS OBJECT HEIGHTS AT 450 - 700 nm



GRAPHS AND DATA GIVEN BY DESIGN

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