

DATA SHEET

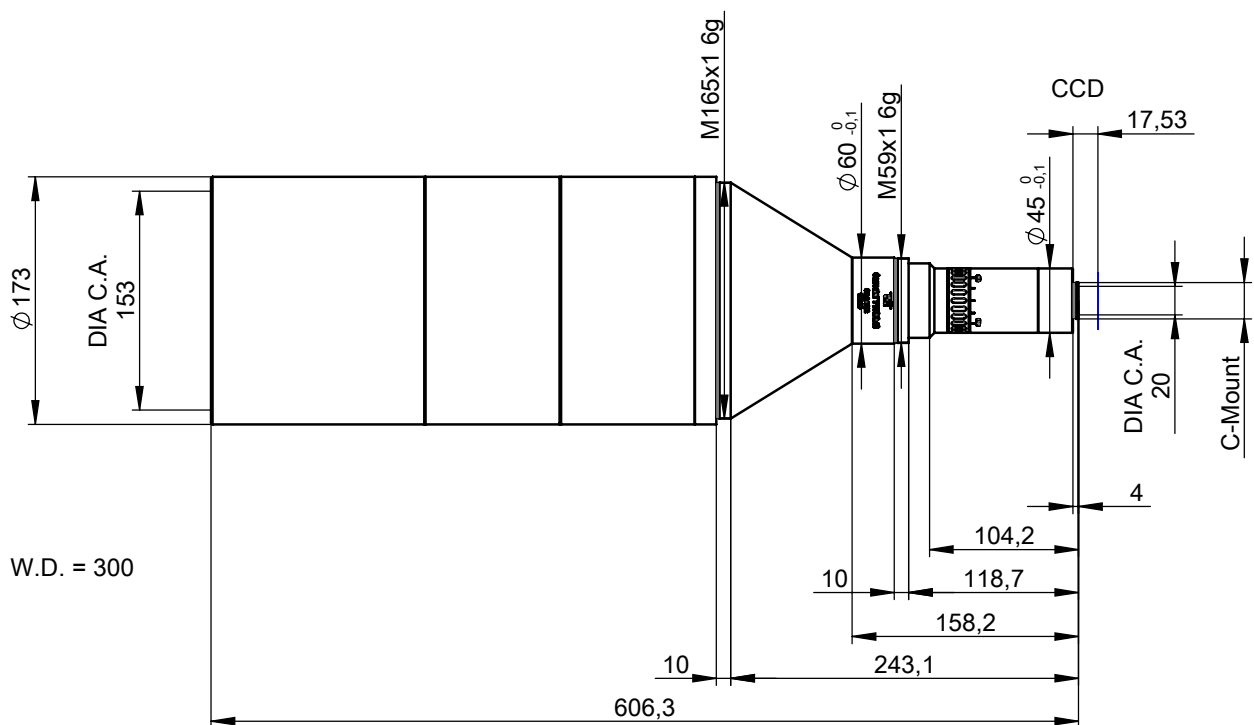
S5LPJ1862

Correctal T120/0.13 Color

- standard telecentric lenses
- bi-telecentric
- with C-Mount
- variable iris (manual)



outline drawing

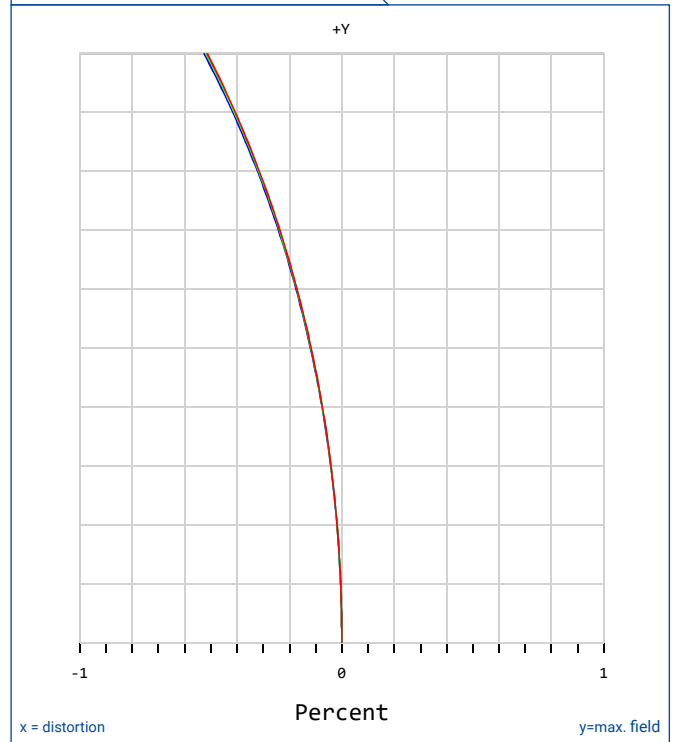


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specifications

| | |
|--|------------------------------------|
| article number | S5LPJ1862 |
| wavelength range [nm] | 400 - 900 |
| design wavelength [nm] | 450 - 700 |
| magnification (+/-5%) | 0.130 |
| working distance [mm] (+/-2%) | 300.0 |
| object size [mm] at a chip size of [mm] | 98.5 x 73.8 12.8 x 9.6 (1") |
| object size [mm] at a chip size of [mm] | 108.5 x 81.5 14.1 x 10.6 (1.1") |
| object size [mm] at a chip size of [mm] | 118.5 x 88.5 15.4 x 11.5 (1.2") |
| max. telecentricity error [°] | 0.04 |
| recommended numerical aperture | 0.008 |
| max. distortion [%] | 0.63 |
| weight [kg] | not yet weighed |
| flange back distance [mm] | 17.53 |
| accessory | -- |

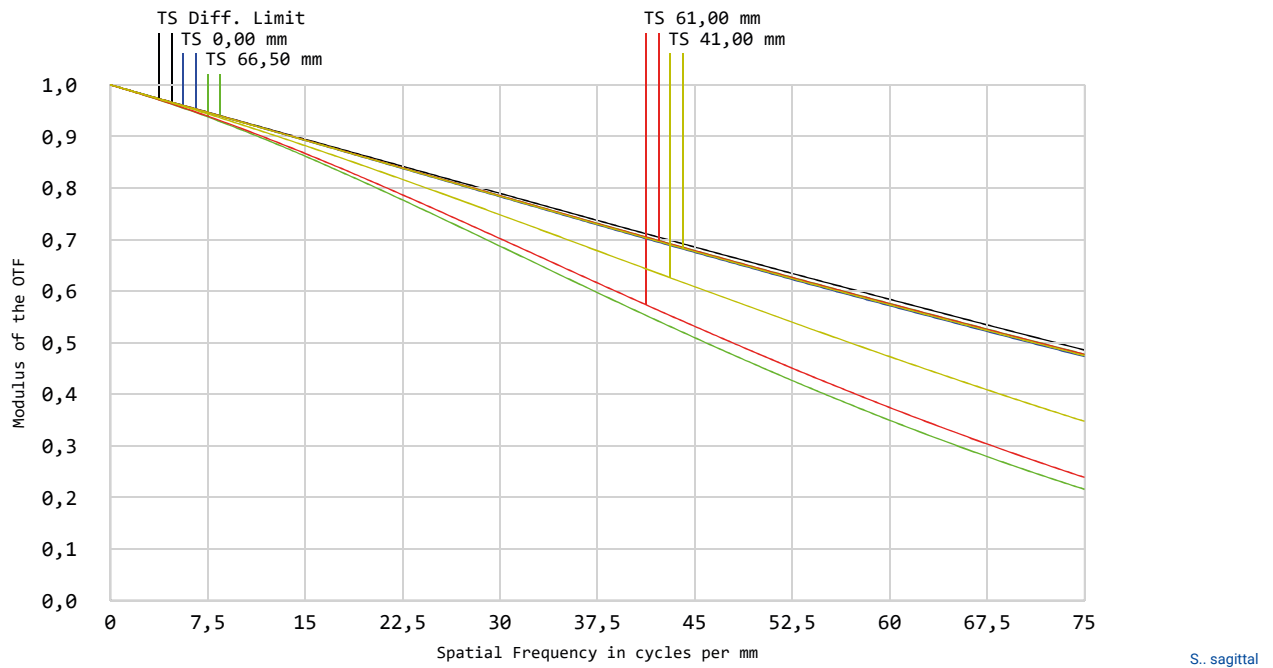
Distortion for 450 - 700 nm



remarks

useable for wavelength band 820-880 nm with working distance 312.3 mm

MTF for various object heights at 450 - 700 nm



graphs and data given by design