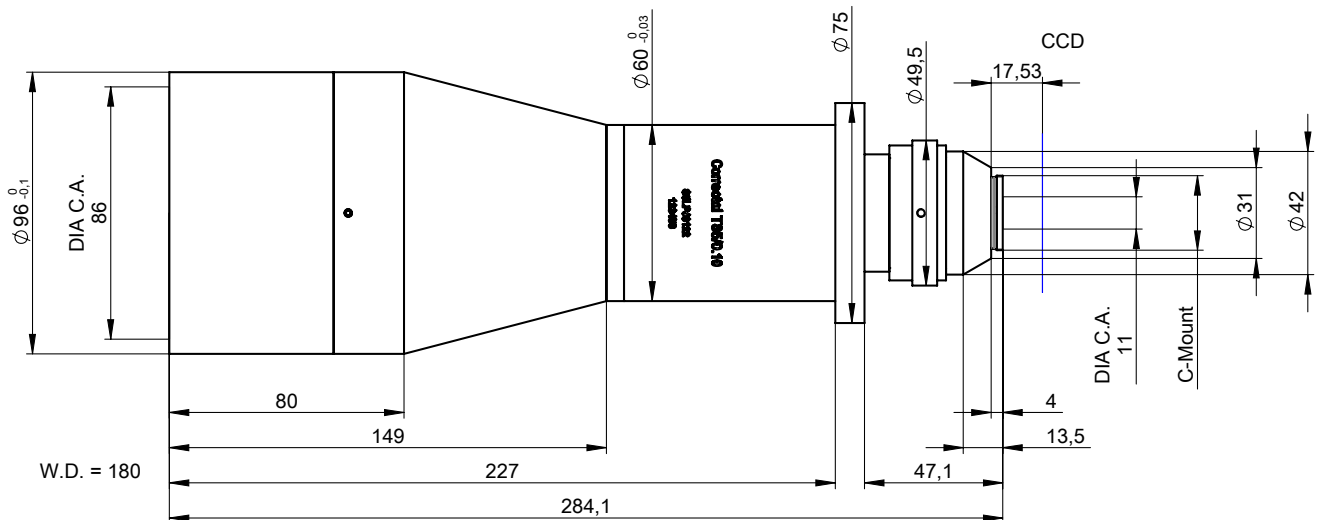


S5LPJ6122 Correctal T85/0.10 Color

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



outline drawing



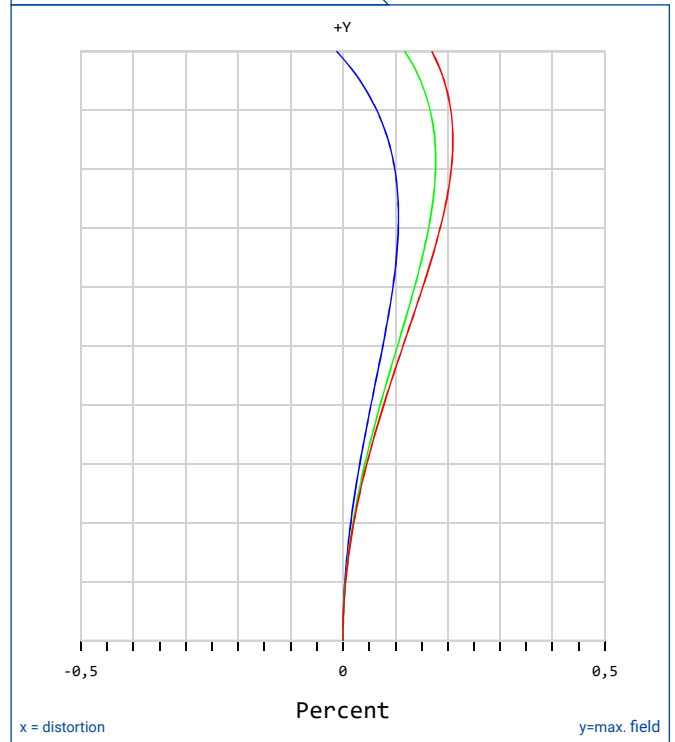
DATA SHEET



specifications

| | |
|--|--|
| article number | S5LPJ6122 |
| wavelength range [nm] | 400 - 900 |
| design wavelength [nm] | 450 - 700 |
| magnification (+/-5%) | 0.100 |
| working distance [mm] (+/-2%) | 180.0 |
| object size [mm] at a chip size of [mm] | 32.0 x 24.0 3.2 x 2.4 (1/4") |
| object size [mm] at a chip size of [mm] | 48.0 x 36.0 4.8 x 3.6 (1/3") |
| object size [mm] at a chip size of [mm] | 64.0 x 48.0 6.4 x 4.8 (1/2") |
| max. telecentricity error [°] | 0.03 |
| recommended numerical aperture | 0.011 |
| max. distortion [%] | 0.21 |
| weight [kg] | not yet weighed |
| flange back distance [mm] | 17.53 |
| accessory | S5SET0020 (lens mount), S5SET6030 (protective window) |

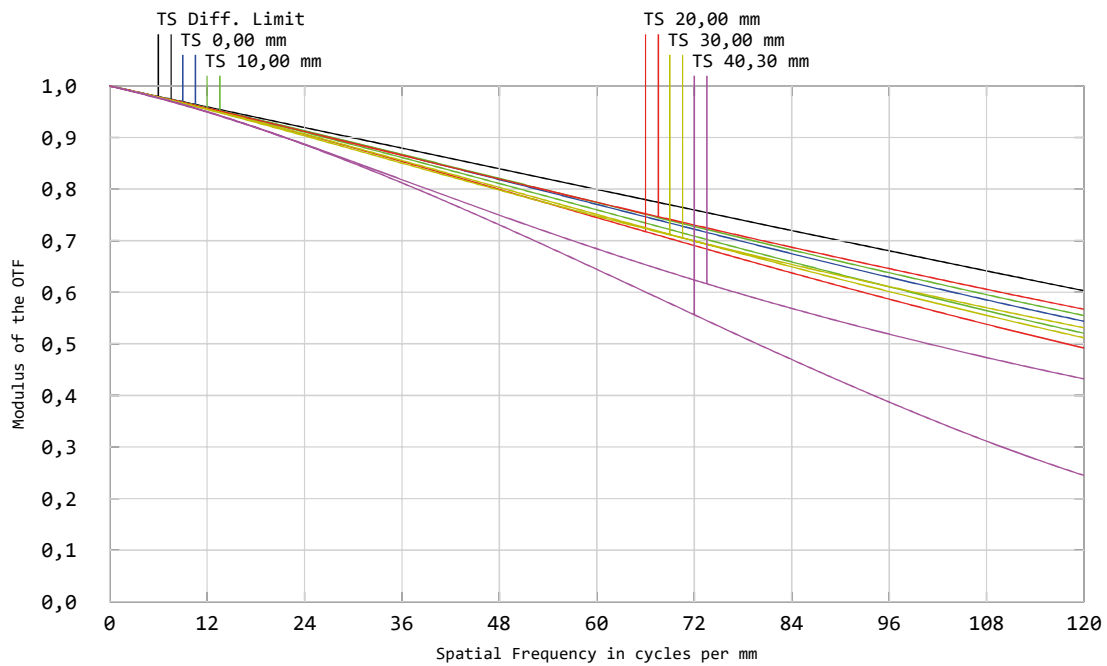
Distortion for 450 - 700 nm



remarks

useable for wavelength band 800-900 nm with working distance 188.1 mm

MTF for various object heights at 450 - 700 nm



graphs and data given by design