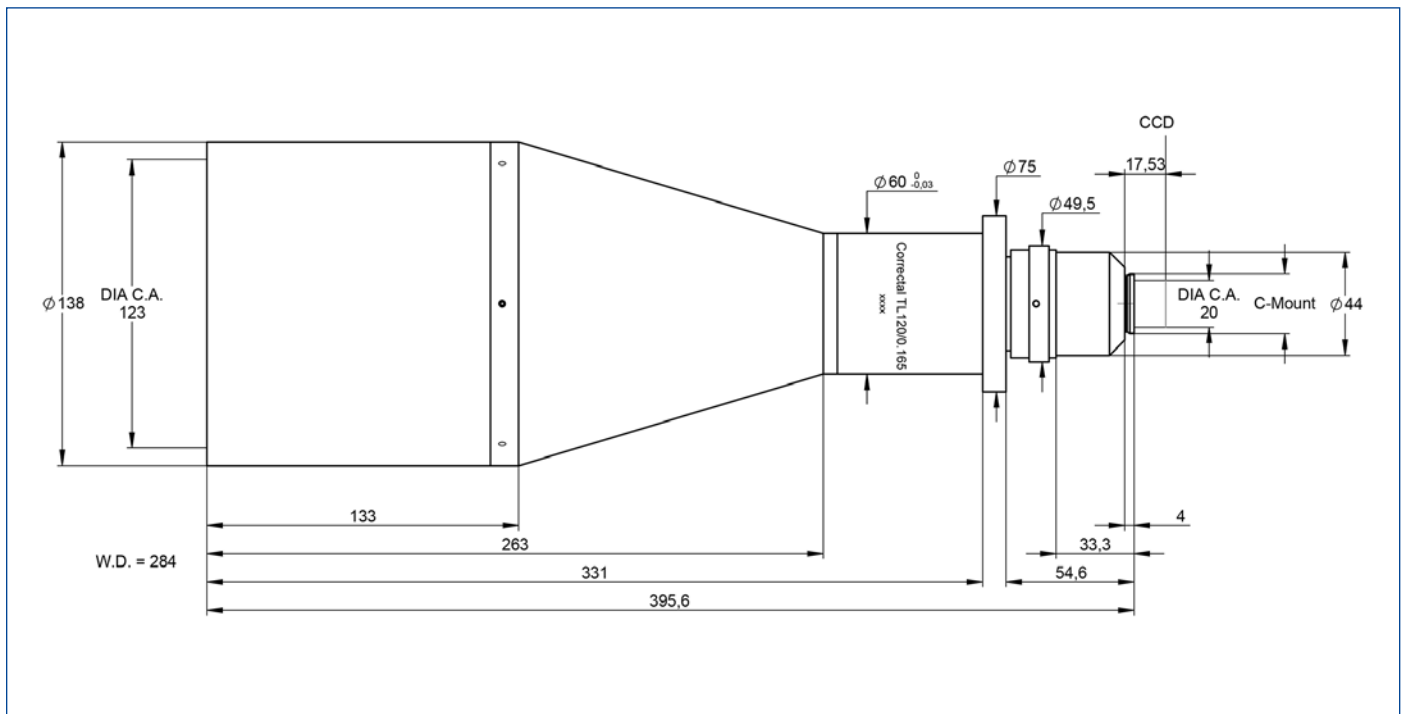


DATA SHEET



S5LPJ1551 Correctal® T120/0.165

- telecentric lens
- with c-mount
- with variable iris



outline drawing

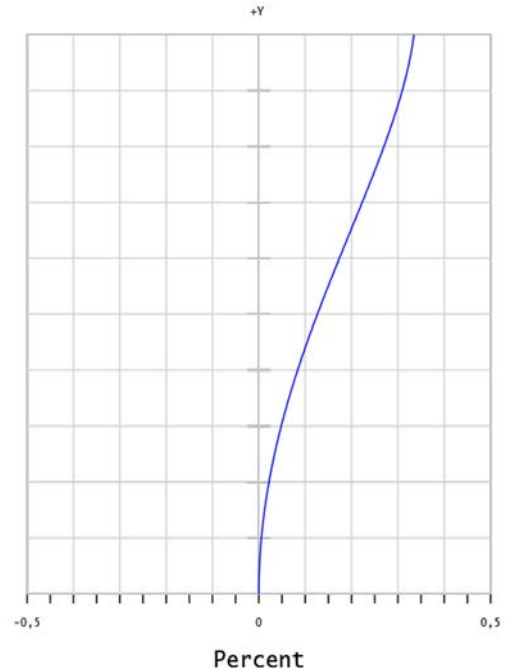
DATA SHEET



specifications

| | |
|-------------------------------|----------------------|
| article number | S5LPJ1551 |
| design wavelength [nm] | 450-700 |
| magnification (+/-5%) | 0.165 |
| working distance [mm] (+/-2%) | 284.0 |
| object size [mm] | 38.7 x 29 |
| at a chip size of [mm] | 6.4 x 4.8 (1/2") |
| distortion [%] | 0.13 |
| object size [mm] | 53.3 x 40 |
| at a chip size of [mm] | 8.8 x 6.6 (2/3") |
| distortion [%] | 0.22 |
| object size [mm] | 77.5 x 58.1 |
| at a chip size of [mm] | 12.8 x 9.6 (1") |
| distortion [%] | 0.33 |
| max. telecentricity error [°] | <0.01 |
| numerical aperture | 0.01 |
| weight [kg] | 4.60 |
| flange back distance [mm] | 17.53 |
| accessory | S5SET0020, S5SET1530 |

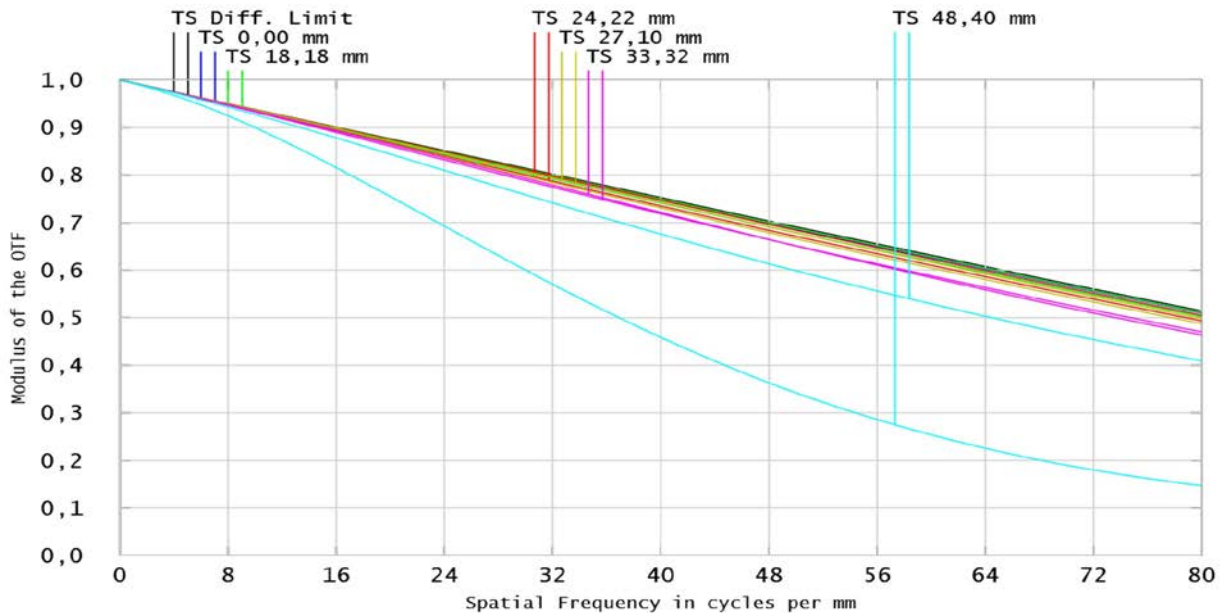
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.