

DATA SHEET

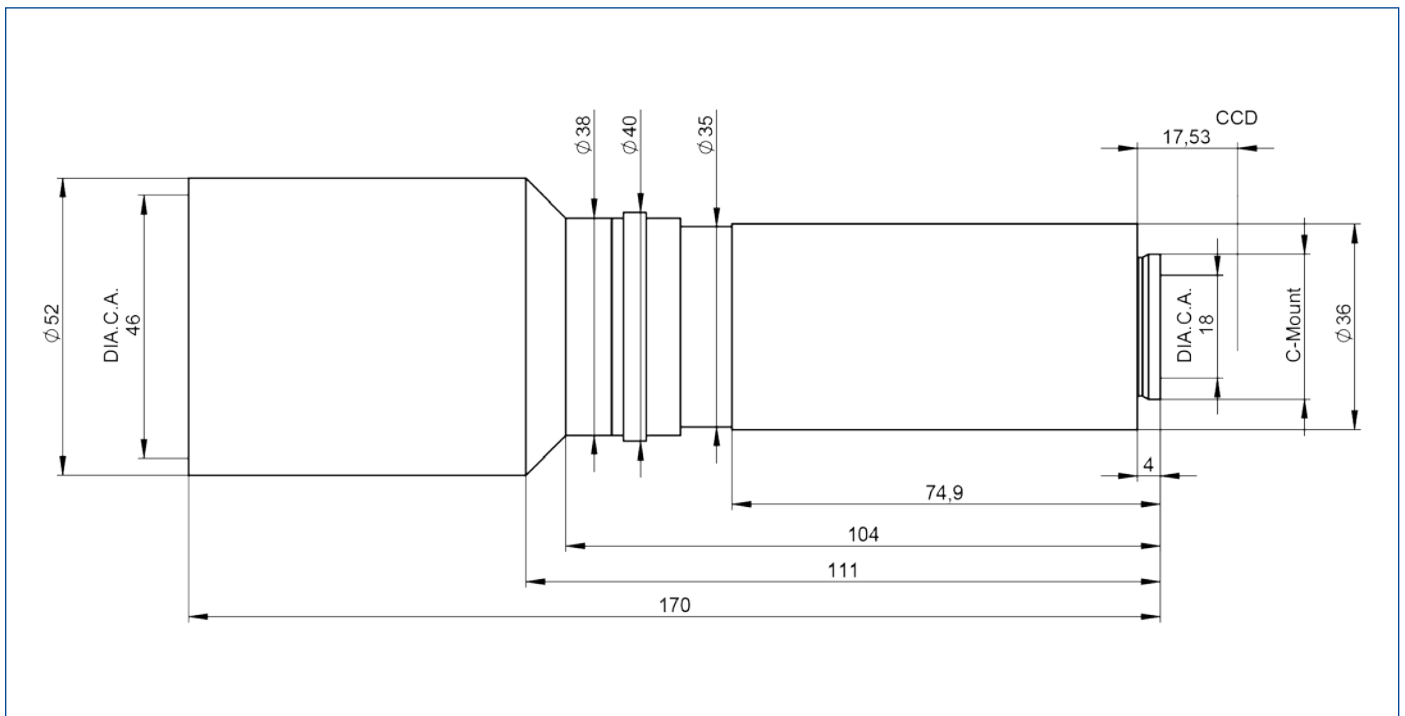


S5LPJ2533 Correctal® TL40/3.0

- telecentric lens with
- high NA and c-mount
- with variable iris



illustration only



outline drawing

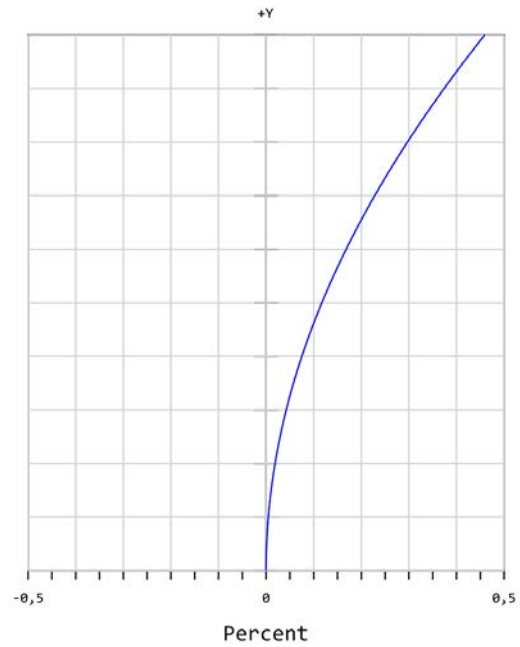
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specifications

| | |
|-------------------------------|------------------|
| article number | S5LPJ2533 |
| design wavelength [nm] | 650 |
| magnification (+/-5%) | 3.000 |
| working distance [mm] (+/-2%) | 100.4 |
| object size [mm] | 2.1 x 1.6 |
| at a chip size of [mm] | 6.4 x 4.8 (1/2") |
| distortion [%] | 0.1 |
| object size [mm] | 2.9 x 2.2 |
| at a chip size of [mm] | 8.8 x 6.6 (2/3") |
| distortion [%] | 0.3 |
| object size [mm] | 4.2 x 3.2 |
| at a chip size of [mm] | 12.8 x 9.6 (1") |
| distortion [%] | 0.5 |
| max. telecentricity error [°] | 0.01 |
| numerical aperture | 0.13 |
| weight [kg] | 0.49 |
| flange back distance [mm] | 17.53 |
| accessory | --- |

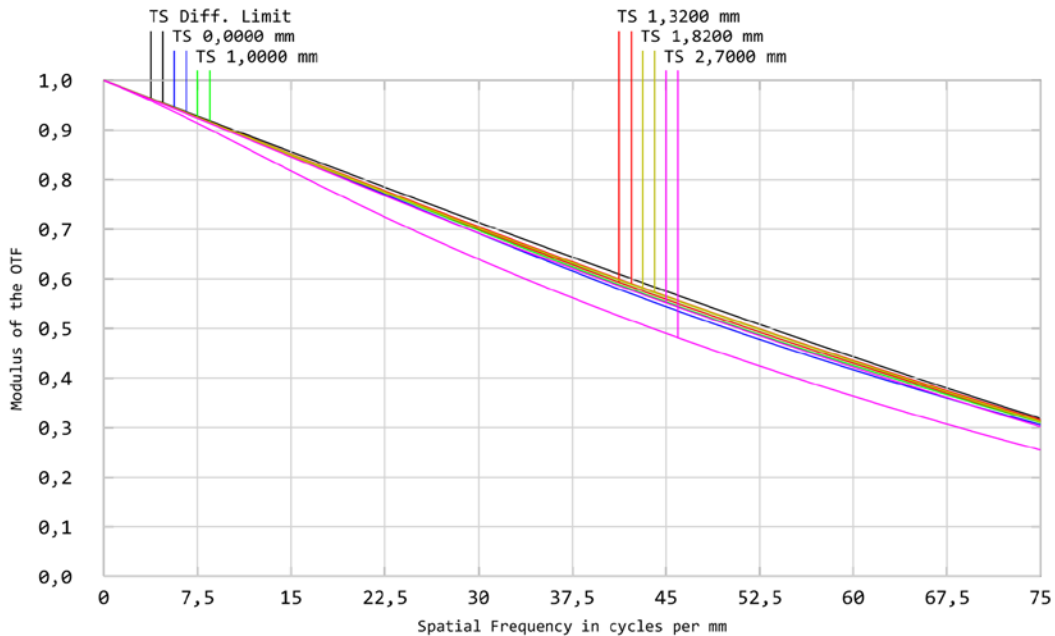
Distortion for 650 nm



x = distortion

y = max. field

MTF for various object heights at 650 nm



T. tangential

S. sagittal

graphs and data given by design.