

DATA SHEET

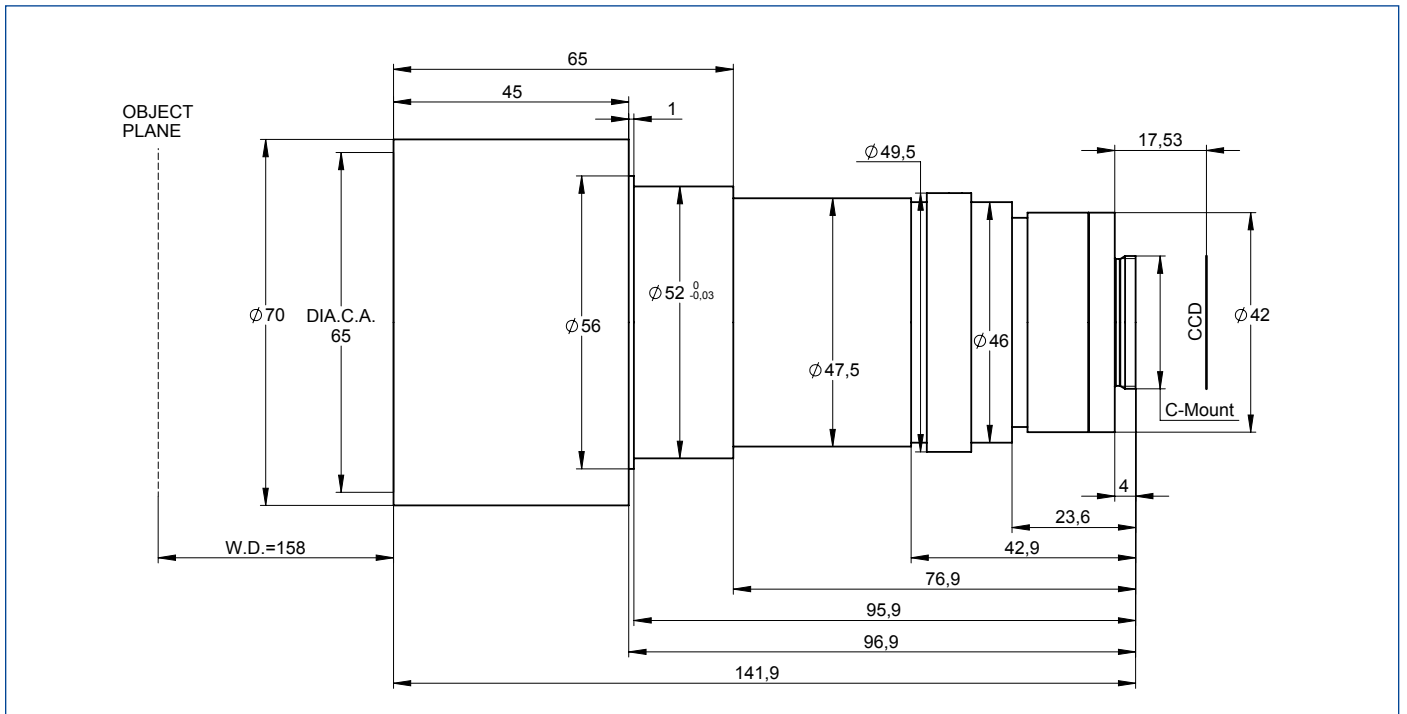


S5LPJ5725 Correctal® T57/0.25

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



illustration only



outline drawing

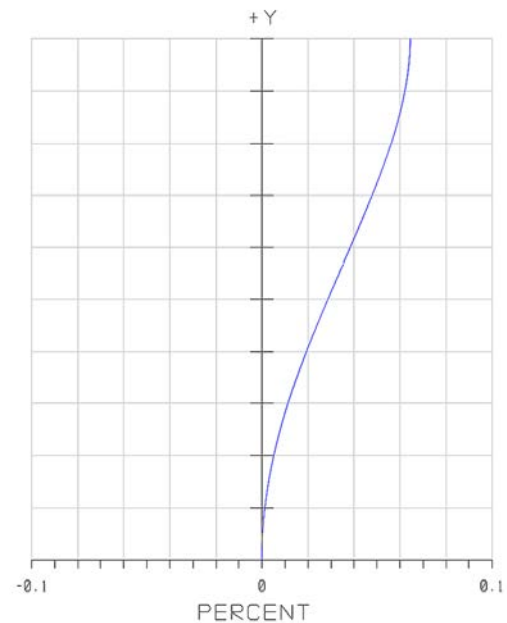
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specifications

| | |
|-------------------------------|------------------|
| article number | S5LPJ5725 |
| design wavelength [nm] | 450-700 |
| magnification (+/-5%) | 0.252 |
| working distance [mm] (+/-2%) | 158.0 |
| object size [mm] | 19 x 14.2 |
| at a chip size of [mm] | 4.8 x 3.6 (1/3") |
| distortion [%] | 0.1 |
| object size [mm] | 25.3 x 19 |
| at a chip size of [mm] | 6.4 x 4.8 (1/2") |
| distortion [%] | 0.15 |
| object size [mm] | 34.9 x 26.1 |
| at a chip size of [mm] | 8.8 x 6.6 (2/3") |
| distortion [%] | 0.15 |
| max. telecentricity error [°] | < 0.01 |
| numerical aperture | 0.03 |
| weight [kg] | 0.70 |
| flange back distance [mm] | 17.53 |
| accessory | --- |

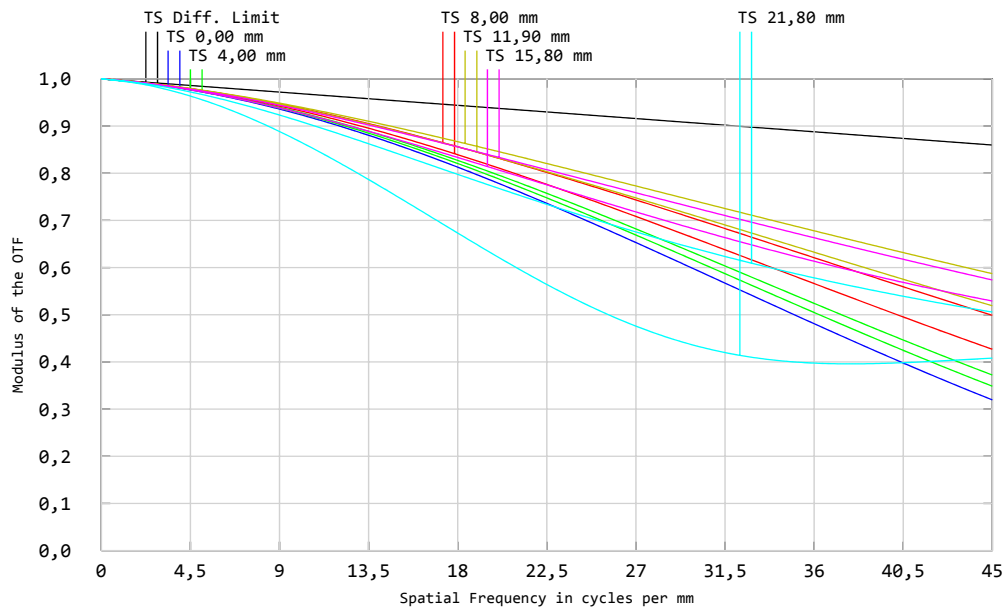
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.