

# DATA SHEET

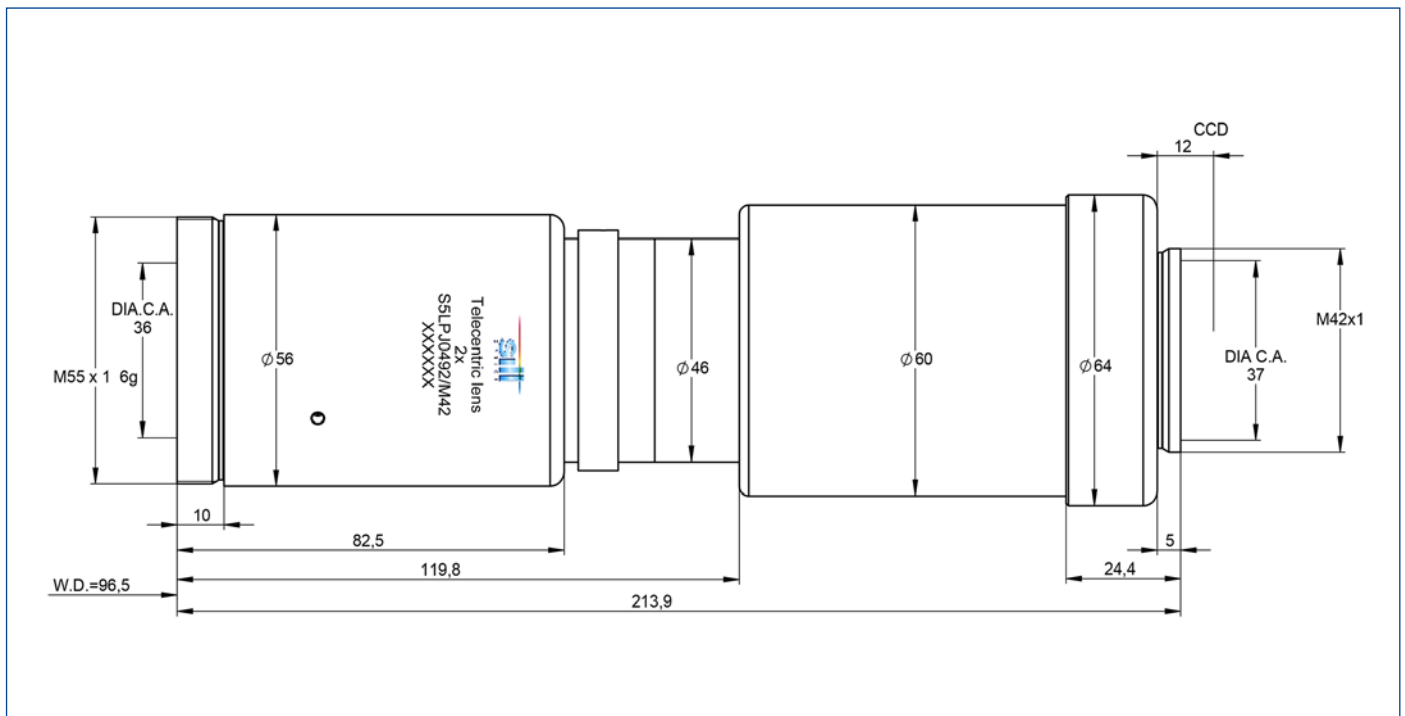


## S5LPJ0492/M42 Correctal® TL40/2.0

- telecentric lens
- with M42-thread
- with variable iris



illustration only



outline drawing

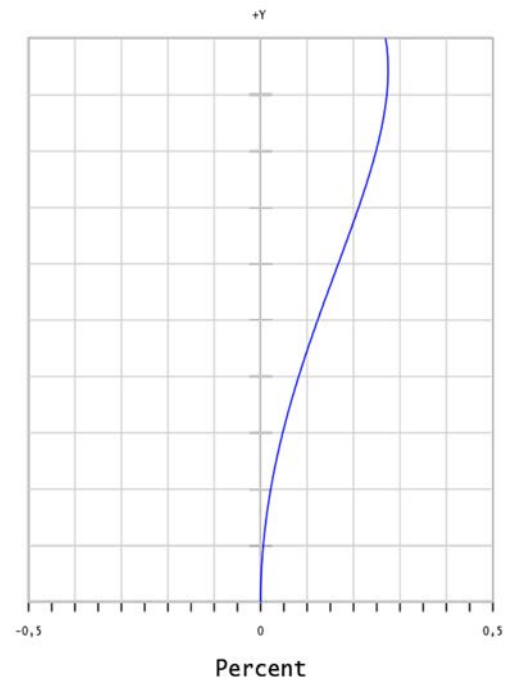
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## specifications

|                               |                 |
|-------------------------------|-----------------|
| article number                | SSLPJ0492/M42   |
| design wavelength [nm]        | 450-700         |
| magnification (+/-5%)         | 2.000           |
| working distance [mm] (+/-2%) | 96.5            |
| object size [mm]              | 6.4 x 4.8       |
| at a chip size of [mm]        | 12.8 x 9.6 (1") |
| distortion [%]                | 0.17            |
| object size [mm]              | 14.3            |
| at a chip size of [mm]        | 28.6            |
| distortion [%]                | 0.25            |
| object size [mm]              | 17.5            |
| at a chip size of [mm]        | 35.0            |
| distortion [%]                | 0.28            |
| max. telecentricity error [°] | 0.015           |
| numerical aperture            | 0.07            |
| weight [kg]                   | not yet weighed |
| flange back distance [mm]     | 12              |
| accessory                     | ---             |

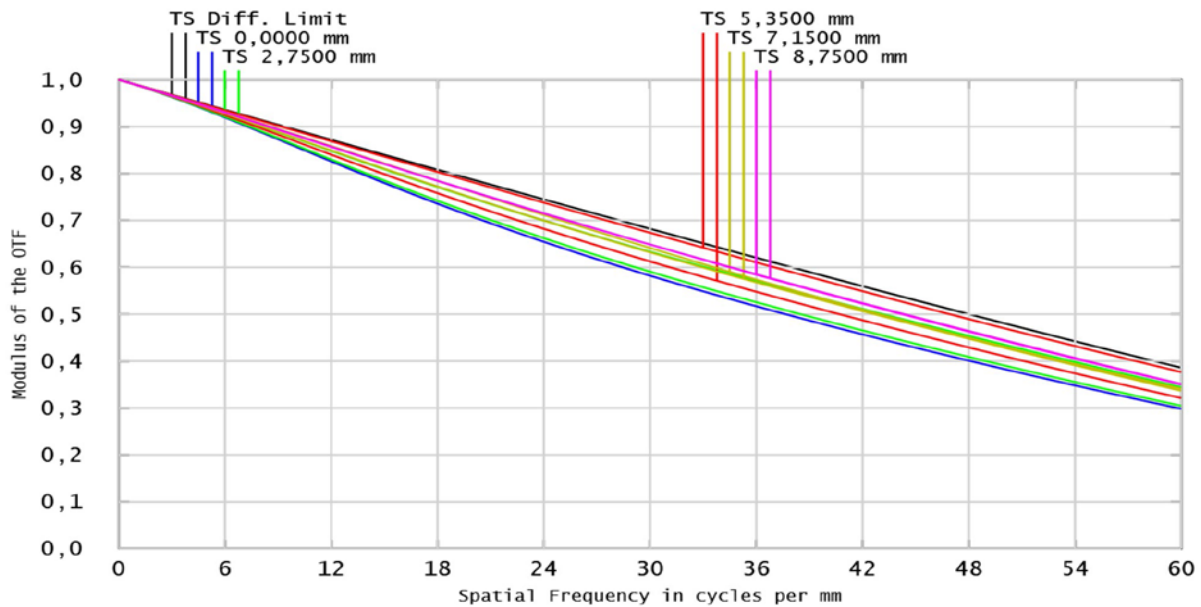
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.

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