

# DATA SHEET

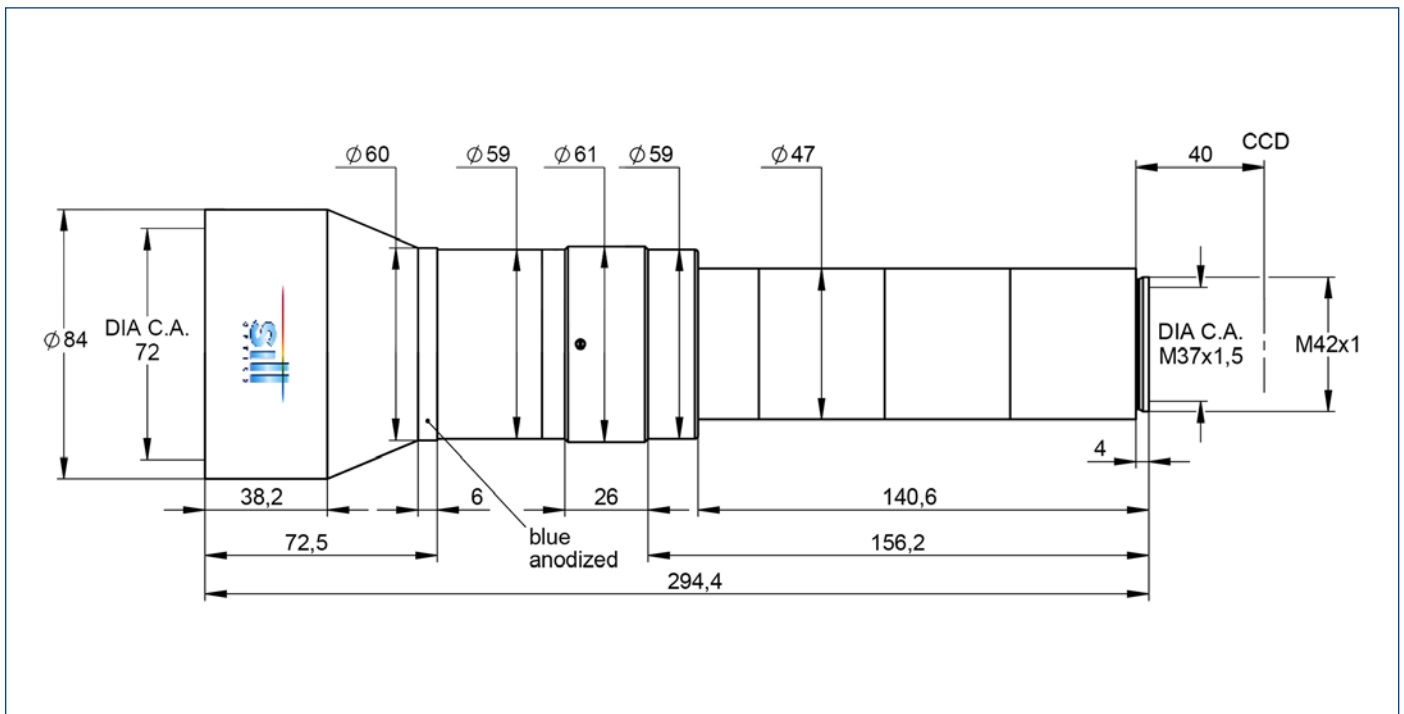


## S5LPJ0066/M42 Correctal® TL72/1.5

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



illustration only



outline drawing

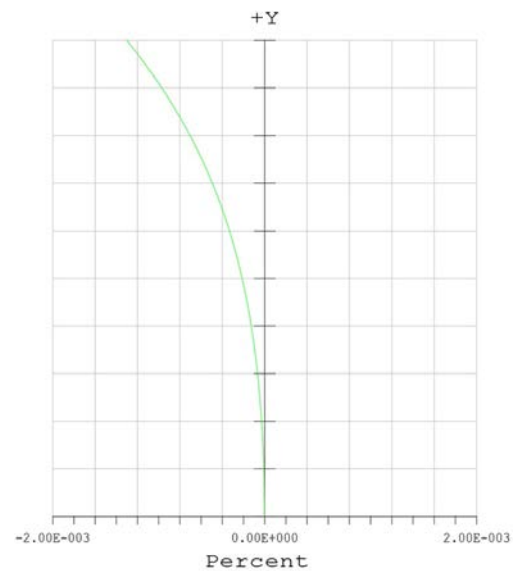
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## specifications

article number	S5LPJ0066/M42
design wavelength [nm]	450-700
magnification (+/-5%)	1.500
working distance [mm] (+/-2%)	123.0
object size [mm]	8.5 x 6.4
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	< 0.05
object size [mm]	19
at a chip size of [mm]	28.6
distortion [%]	< 0.05
object size [mm]	23.3
at a chip size of [mm]	35.0
distortion [%]	< 0.05
max. telecentricity error [°]	0.02
numerical aperture	0.06
weight [kg]	4.30
flange back distance [mm]	40
accessory	---

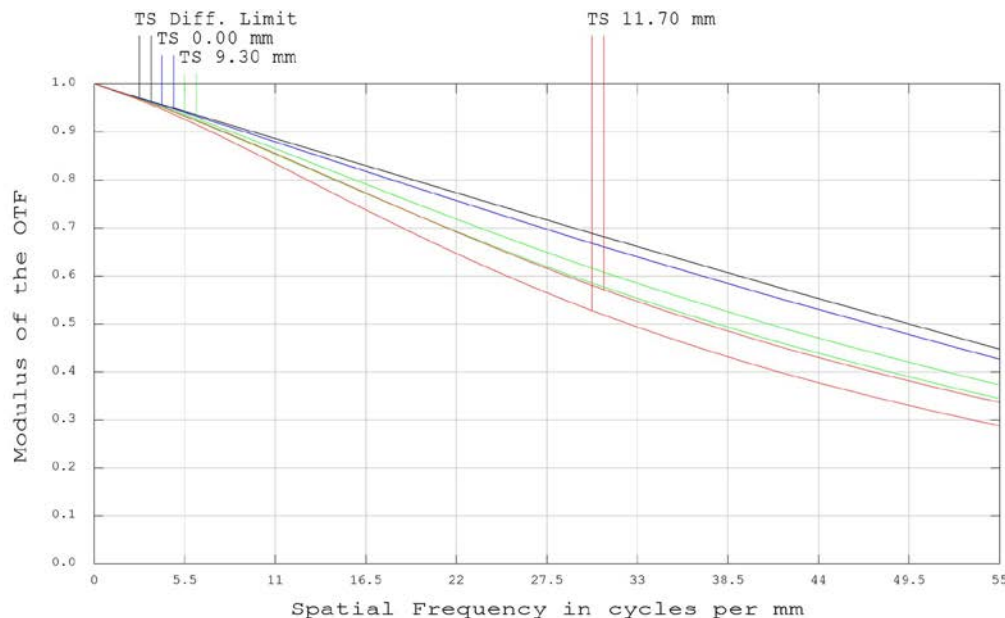
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.