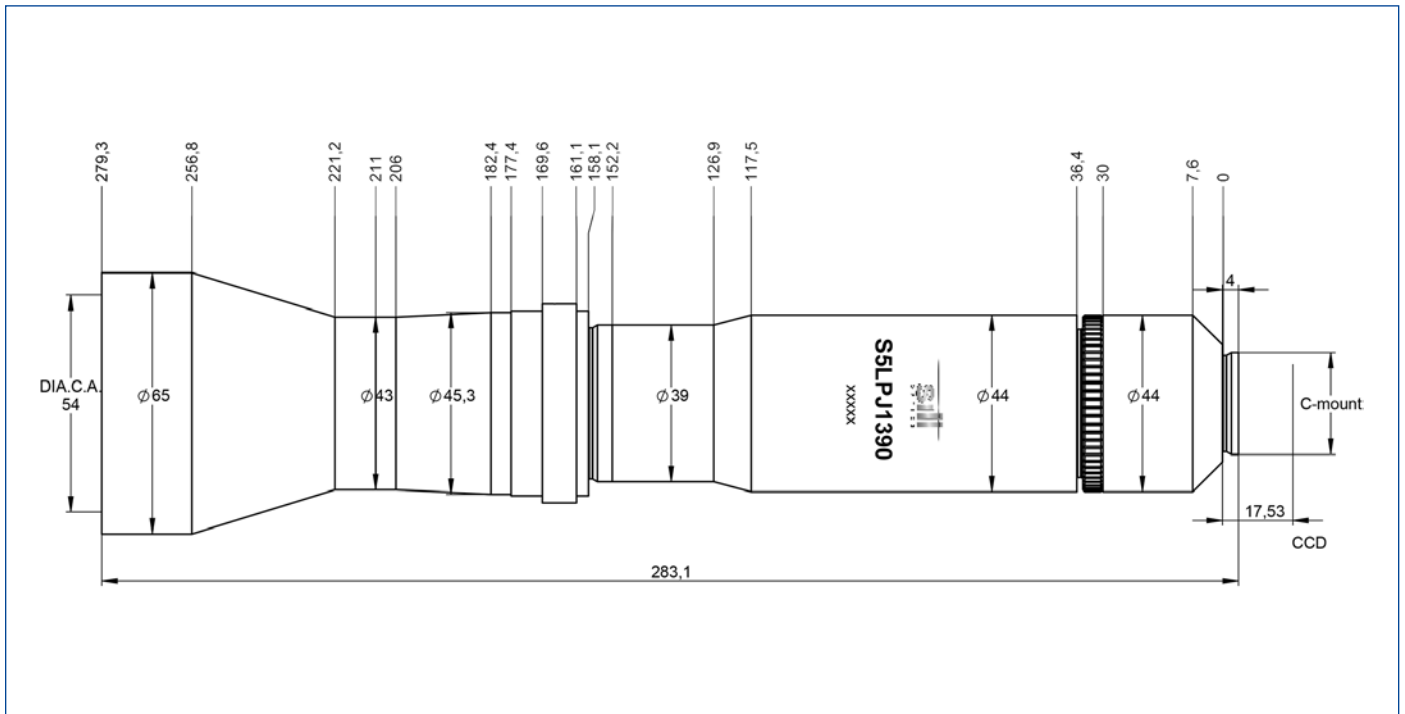


# DATA SHEET



## S5LPJ1390 Correctal® T/1.9

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



outline drawing

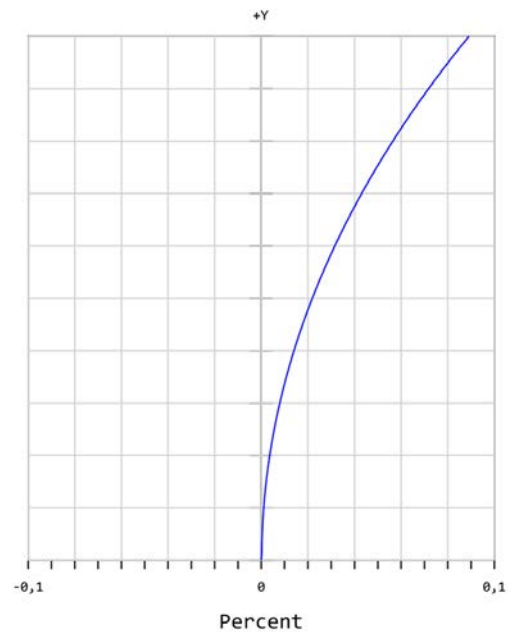
# DATA SHEET



## specifications

article number	S5LPJ1390
design wavelength [nm]	450-700
magnification (+/-5%)	1.870
working distance [mm] (+/-2%)	365.0
object size [mm]	3.4 x 2.5
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	<0.05
object size [mm]	4.7 x 3.5
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.05
object size [mm]	6.8 x 5.1
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.1
max. telecentricity error [°]	2.85
numerical aperture	0.06
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	---

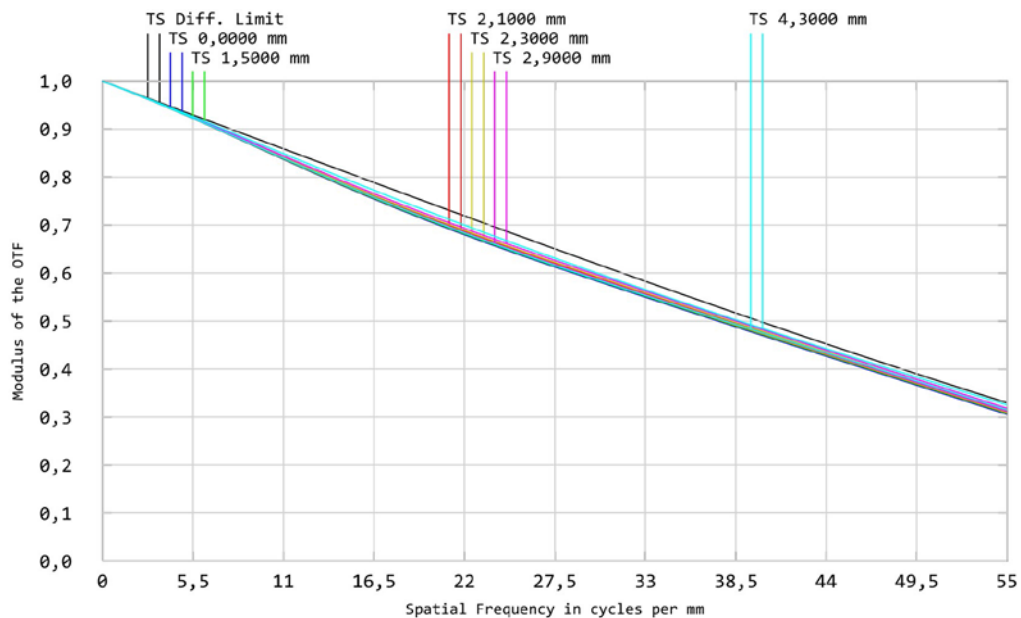
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.