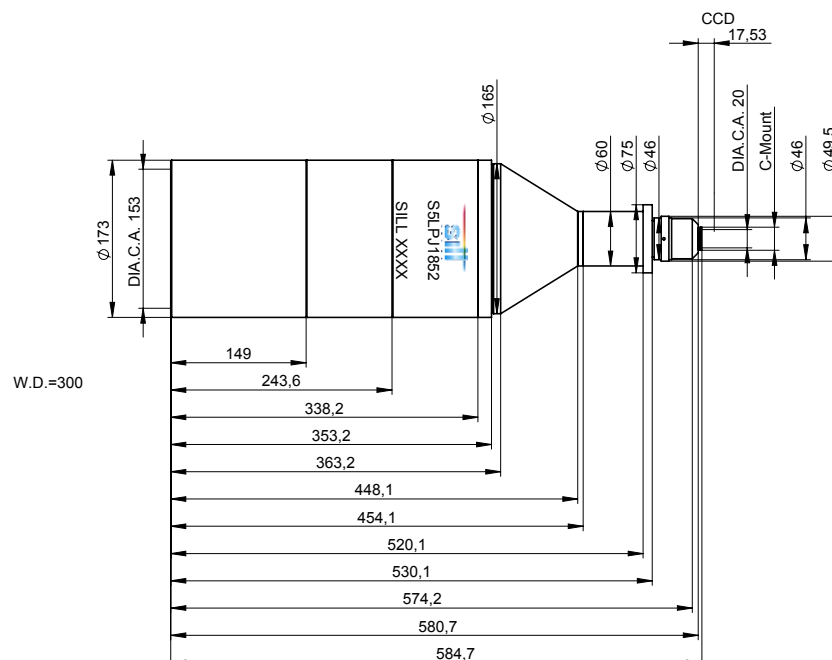


DATA SHEET



S5LPJ1852 Correctal® T150/0.1

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



outline drawing

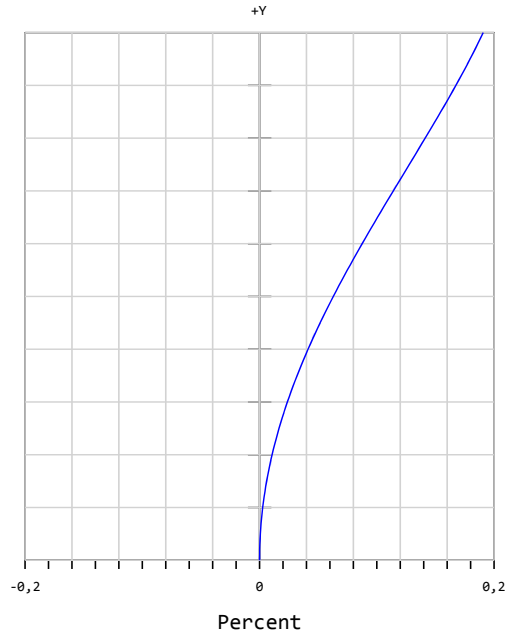
DATA SHEET



specifications

article number	S5LPJ1852
design wavelength [nm]	450-700
magnification (+/-5%)	0.112
working distance [mm] (+/-2%)	300.0
object size [mm]	57.1 x 42.8
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.06
object size [mm]	78.5 x 58.9
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.1
object size [mm]	114.2 x 85.7
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.2
max. telecentricity error [°]	< 0.01
numerical aperture	0.009
weight [kg]	8.60
flange back distance [mm]	17.53
accessory	S5SET0020, S5SET1830

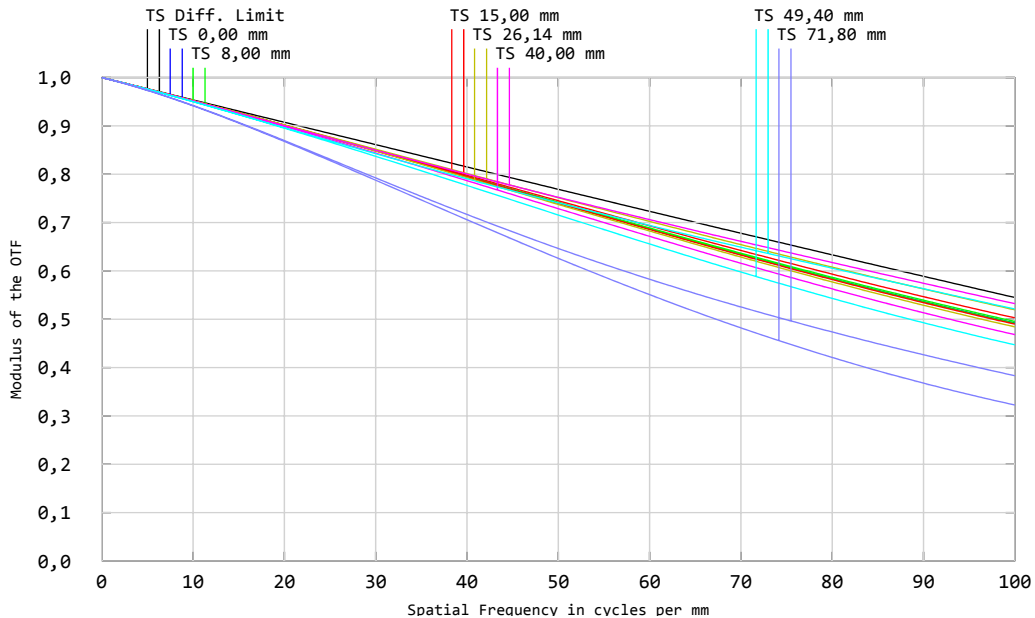
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.