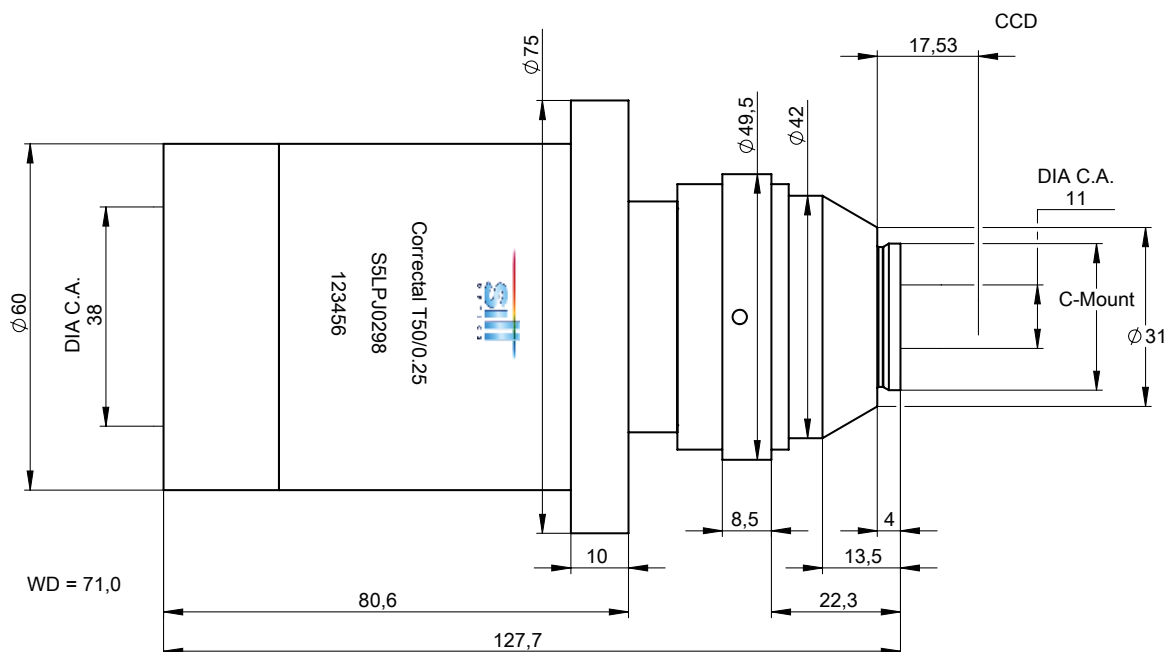


DATA SHEET



S5LPJ0298 Correctal® T50/0.25

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



outline drawing

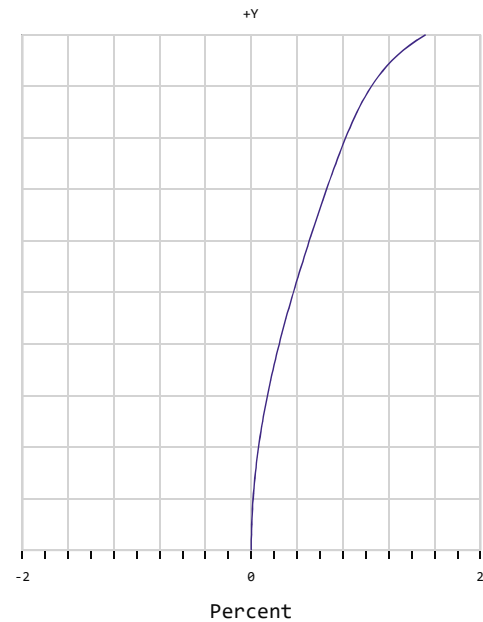
DATA SHEET



specifications

article number	S5LPJ0298
design wavelength [nm]	450-700
magnification (+/-5%)	0.253
working distance [mm] (+/-2%)	71.0
object size [mm]	18.9 x 14.2
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.65
object size [mm]	25.2 x 18.9
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	1.12
object size [mm]	28.4 x 20.9
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	1.52
max. telecentricity error [°]	0.03
numerical aperture	0.015
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET0020

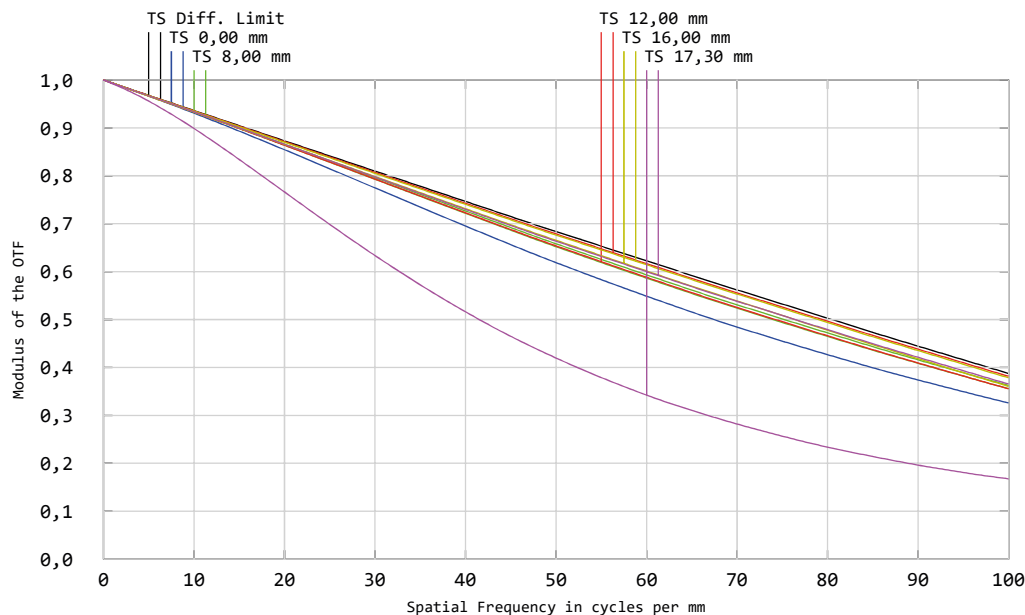
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

replacement for S5LPJ0198
graphs and data given by design.