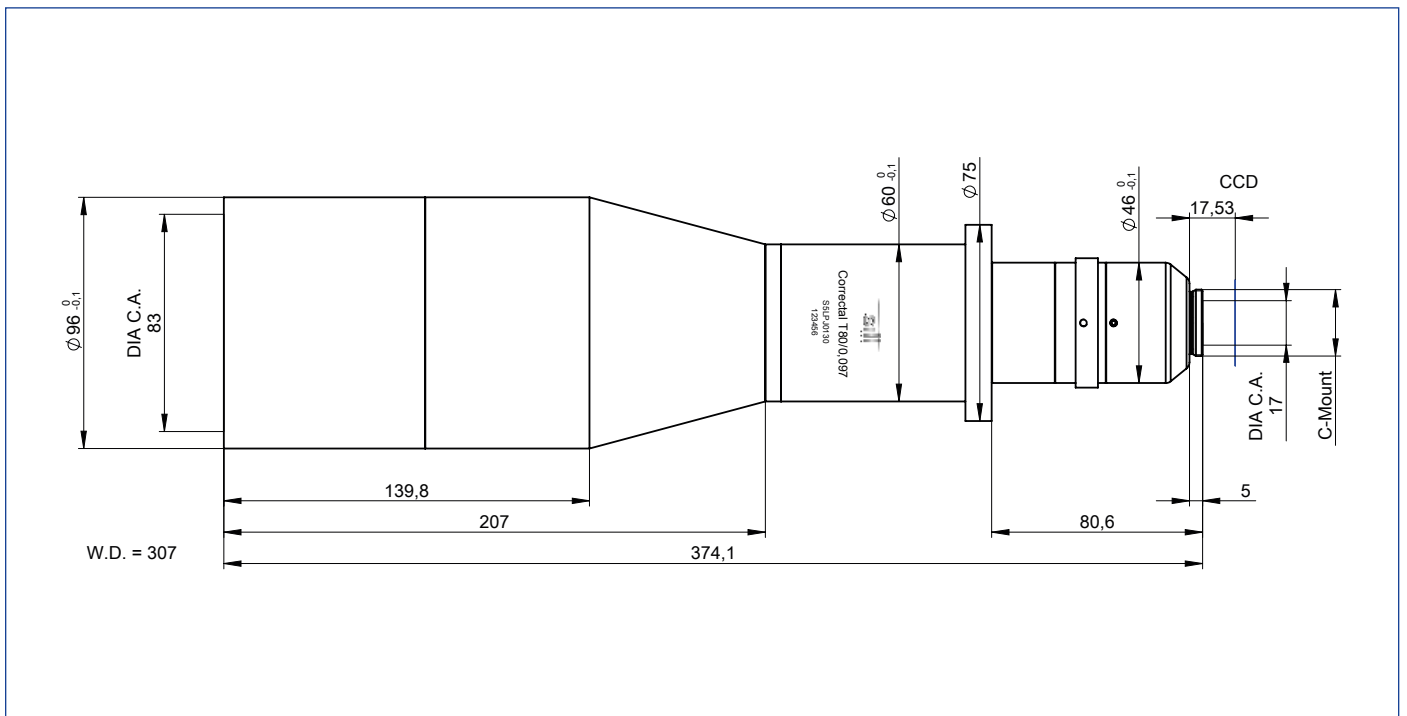


DATA SHEET



S5LPJ0130 Correctal® T80/0.097

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



outline drawing

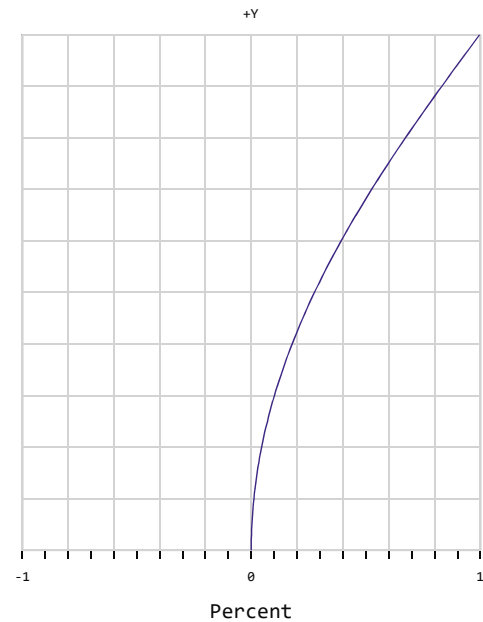
DATA SHEET



specifications

article number	S5LPJ0130
design wavelength [nm]	450-700
magnification (+/-5%)	0.097
working distance [mm] (+/-2%)	307.0
object size [mm]	32.9 x 24.7
at a chip size of [mm]	3.2 x 2.4 (1/4")
distortion [%]	0.3
object size [mm]	49.4 x 37.1
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.63
object size [mm]	445319.5 x 446556.7
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	1.0
max. telecentricity error [°]	<0.01
numerical aperture	0.006
weight [kg]	1.90
flange back distance [mm]	17.53
accessory	S5SET0020

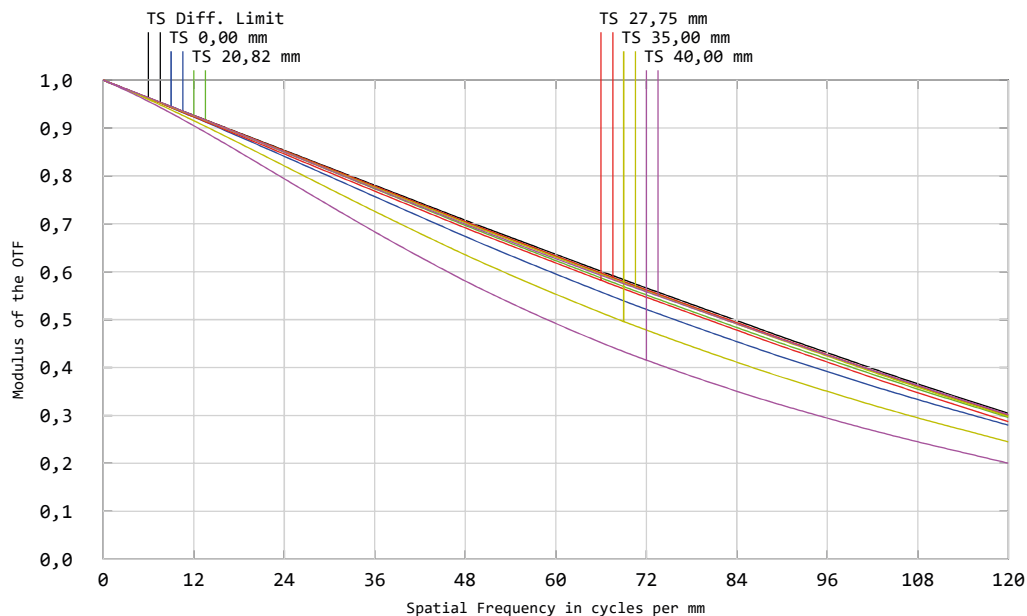
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

replacement for S5LPJ0110
graphs and data given by design.