

DATA SHEET

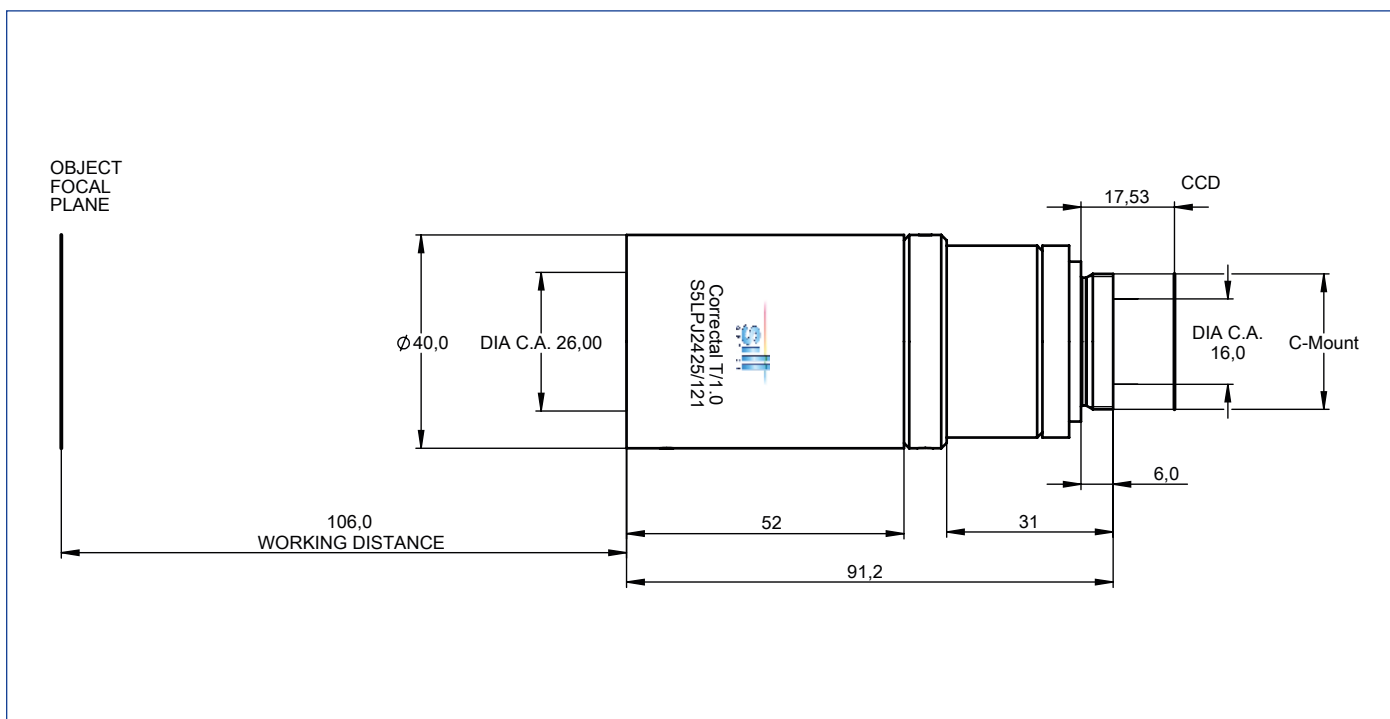


S5LPJ2425/121 Correctal® T/1.0

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



illustration only



outline drawing

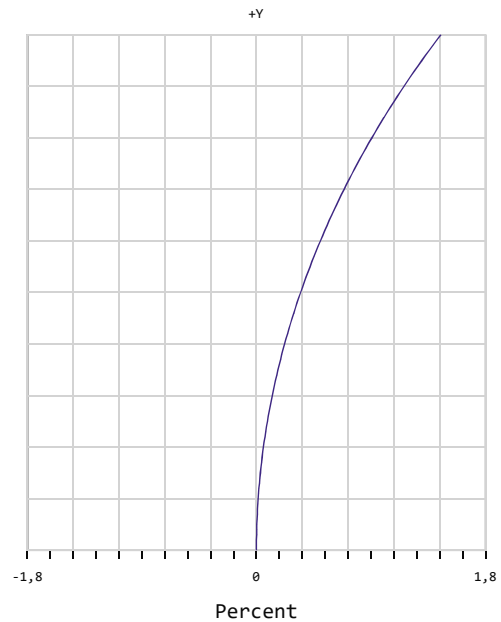
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specifications

article number	S5LPJ2425/121
design wavelength [nm]	450-700
magnification (+/-5%)	1.000
working distance [mm] (+/-2%)	106.0
object size [mm]	7.2 x 5.3
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	0.44
object size [mm]	8.8 x 6.6
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.66
object size [mm]	12.8 x 9.6
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	1.45
max. telecentricity error [°]	0.03
numerical aperture	0.030
weight [kg]	0.20
flange back distance [mm]	17.53
accessory	S5SET0021, S5SET2425, S5SET4425

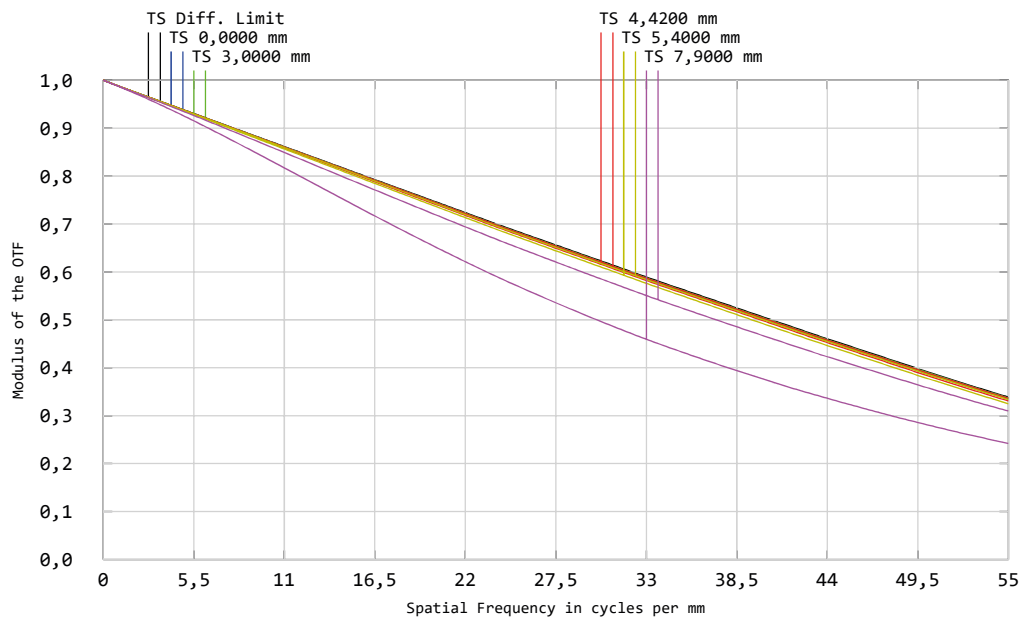
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.