

DATA SHEET



S5LPJ8425 Correctal® T/5.0

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

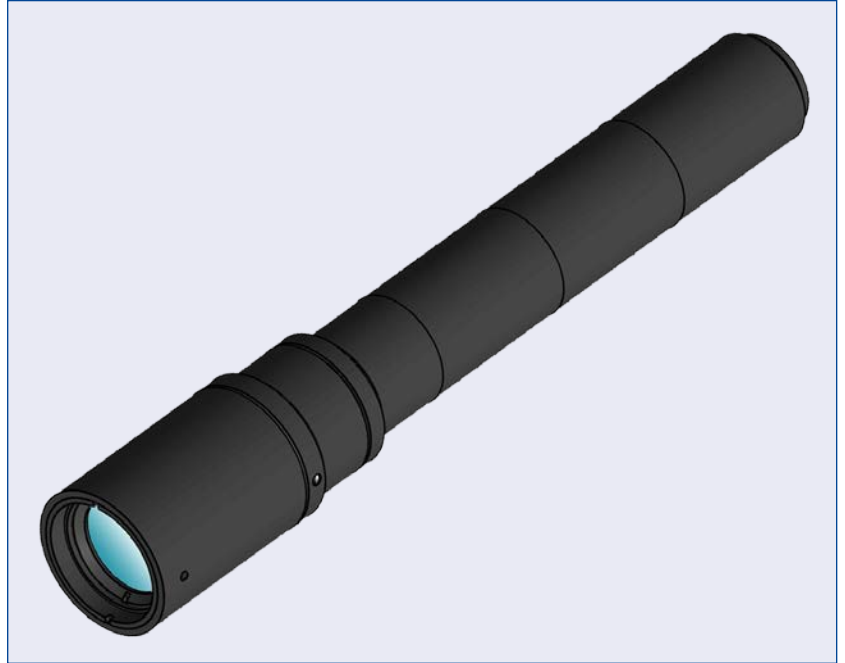
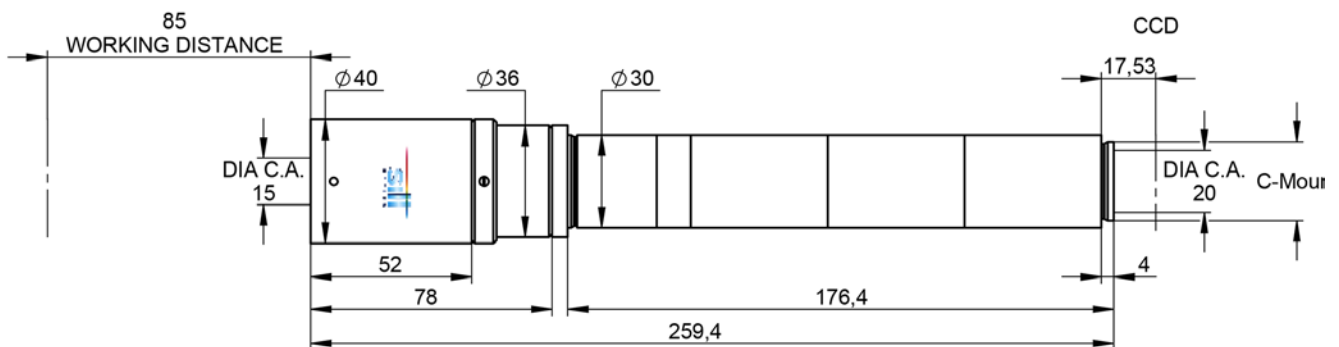


illustration only



outline drawing

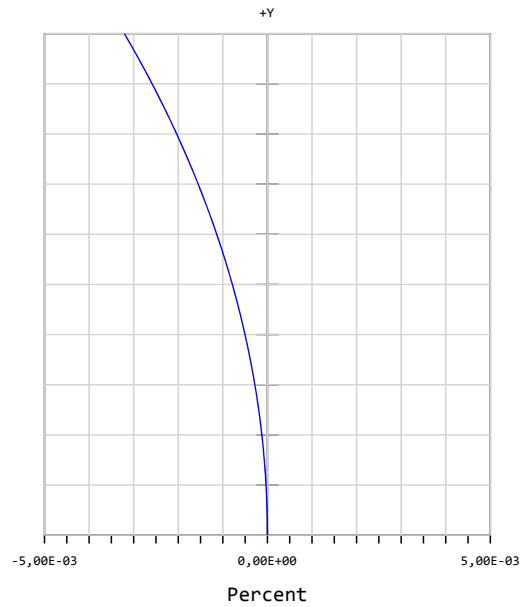
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specifications

article number	S5LPJ8425
design wavelength [nm]	450-700
magnification (+/-5%)	5.000
working distance [mm] (+/-2%)	85.0
object size [mm]	0.9 x 0.7
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	<0.05
object size [mm]	1.2 x 0.9
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	<0.05
object size [mm]	1.7 x 1.3
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	<0.05
max. telecentricity error [°]	< 0.01
numerical aperture	0.09
weight [kg]	0.40
flange back distance [mm]	17.53
accessory	---

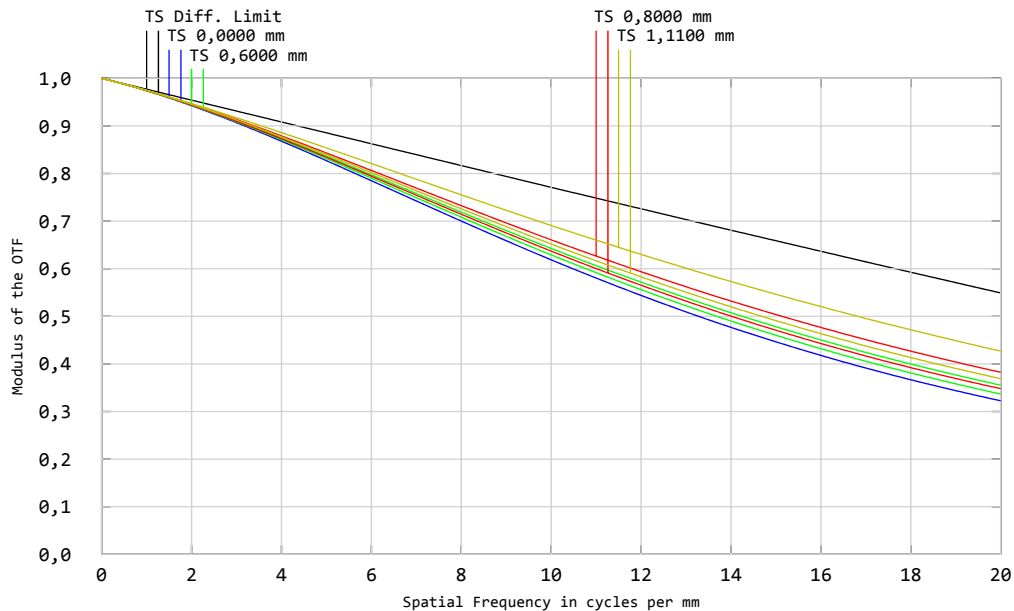
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.