

DATA SHEET

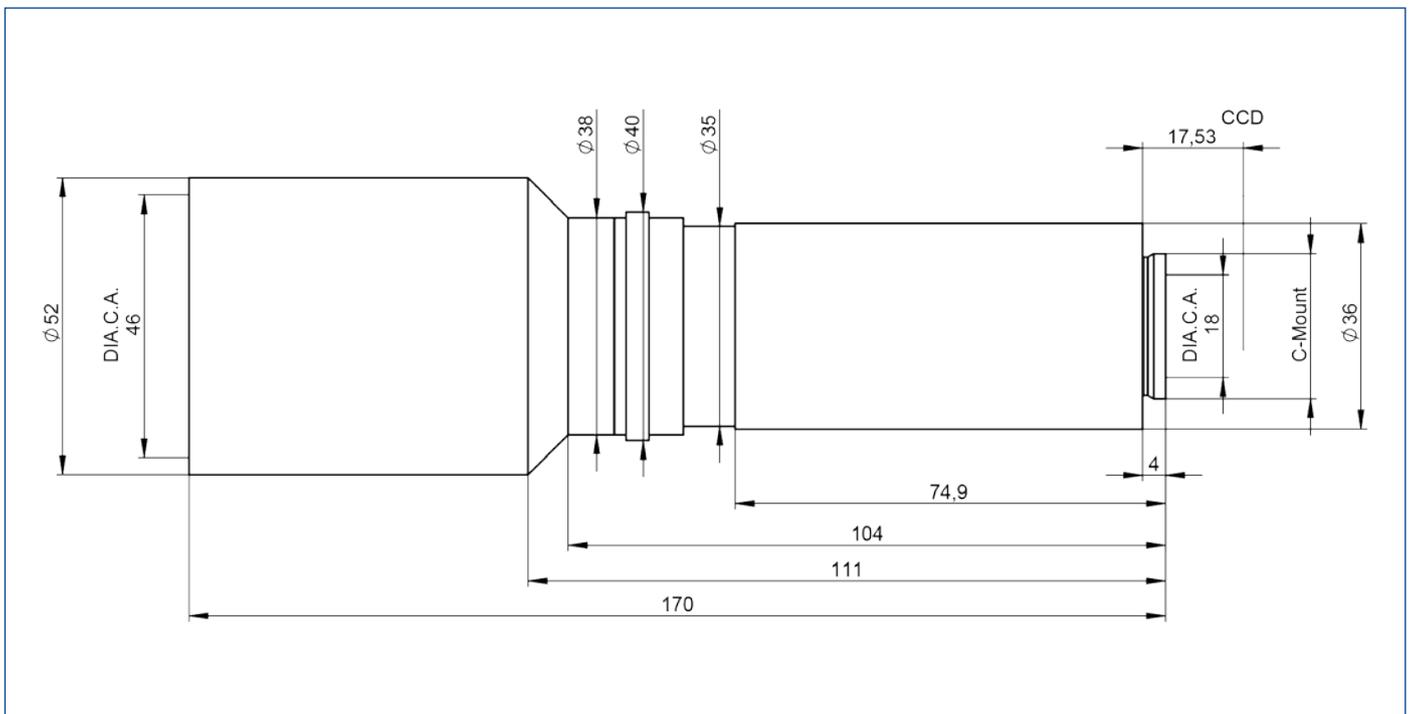


S5LPJ2533 Correctal® TL40/3.0

- telecentric lens with
- high NA and c-mount
- with variable iris



illustration only



outline drawing

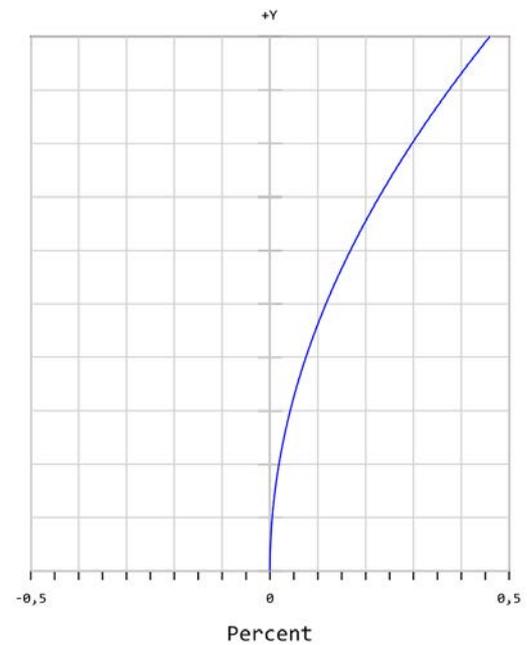
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specifications

article number	S5LPJ2533
design wavelength [nm]	650
magnification (+/-5%)	3.000
working distance [mm] (+/-2%)	100.4
object size [mm]	2.1 x 1.6
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.1
object size [mm]	2.9 x 2.2
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.3
object size [mm]	4.2 x 3.2
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.5
max. telecentricity error [°]	0.01
numerical aperture	0.13
weight [kg]	0.49
flange back distance [mm]	17.53
accessory	---

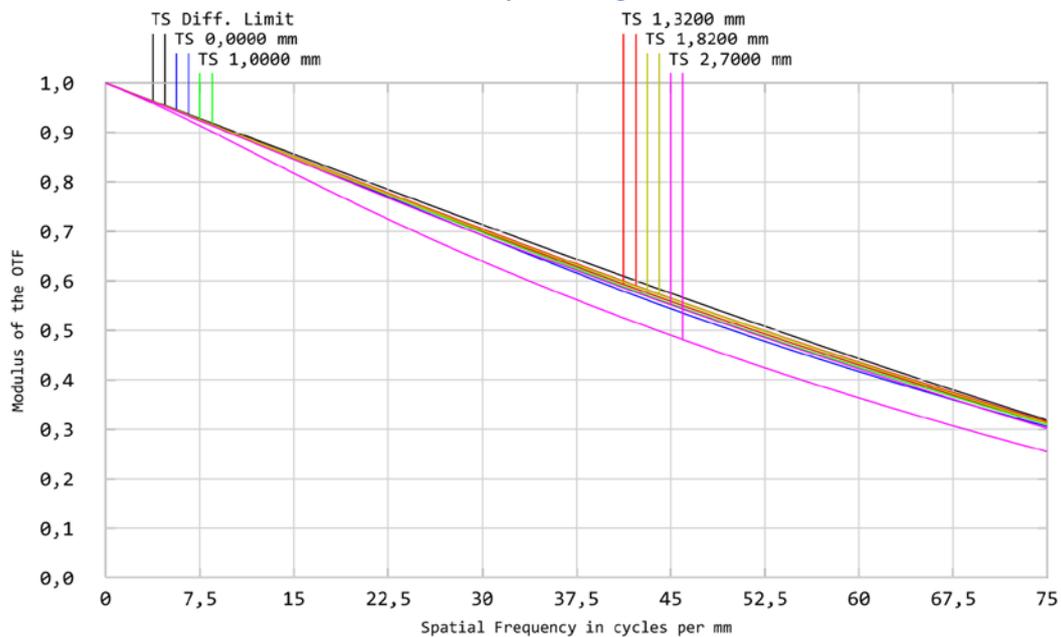
Distortion for 650 nm



x = distortion

y = max. field

MTF for various object heights at 650 nm



T. tangential

S. sagittal

graphs and data given by design.

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