

DATA SHEET



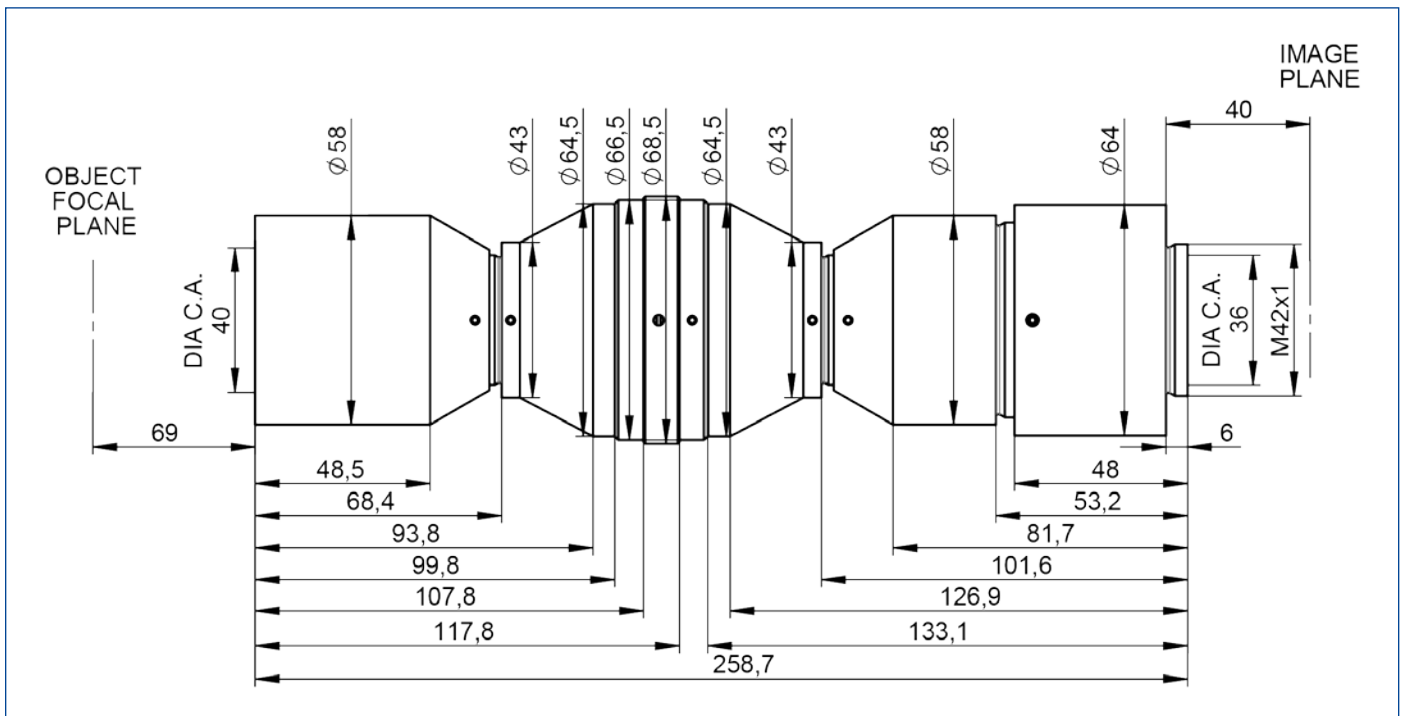
S5LPJ0361

Correctal® TDL/1.0 R

- double-sided telecentric
- lens with M42-thread
- with variable iris



illustration only



outline drawing

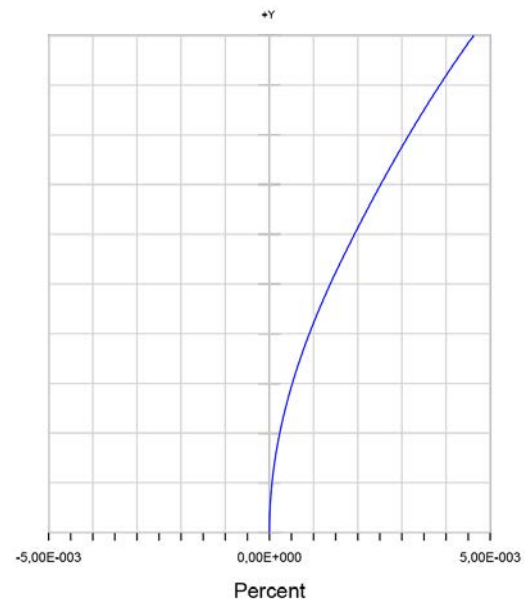
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specifications

article number	S5LPJ0361
design wavelength [nm]	400 - 700
magnification (+/-5%)	1.000
working distance [mm] (+/-2%)	69.0
object size [mm]	15.1 x 15.1
at a chip size of [mm]	15.1 x 15.1 (1.2")
distortion [%]	<0.05
object size [mm]	20.7 x 11.7
at a chip size of [mm]	20.7 x 11.7 (1.5")
distortion [%]	<0.05
object size [mm]	30.00
at a chip size of [mm]	30.0
distortion [%]	<0.05
max. telecentricity error [°]	0.01
numerical aperture	0.02
weight [kg]	not yet weighed
flange back distance [mm]	40
accessory	---

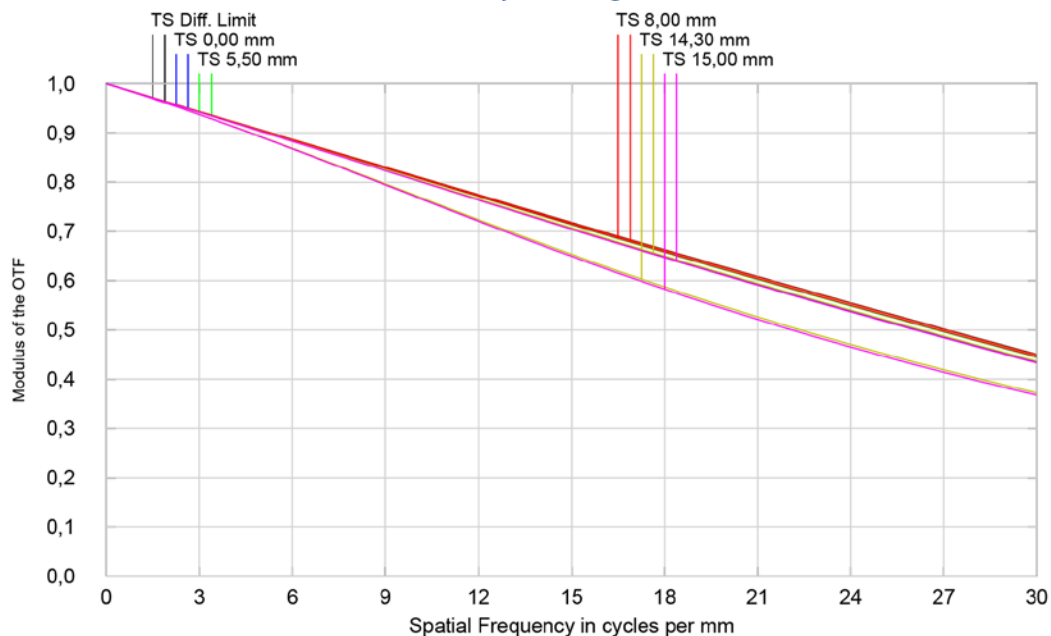
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.