

DATA SHEET

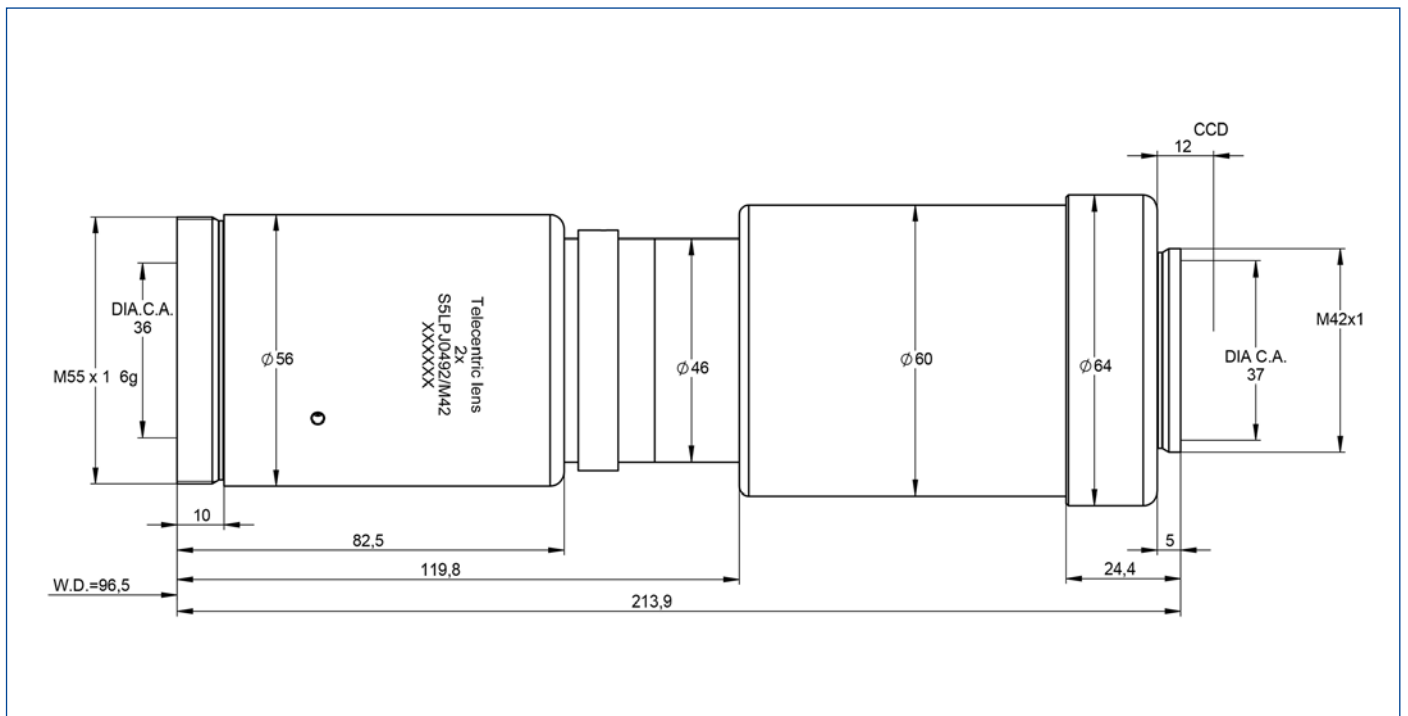


S5LPJ0492/M42 Correctal® TL40/2.0

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



illustration only



outline drawing

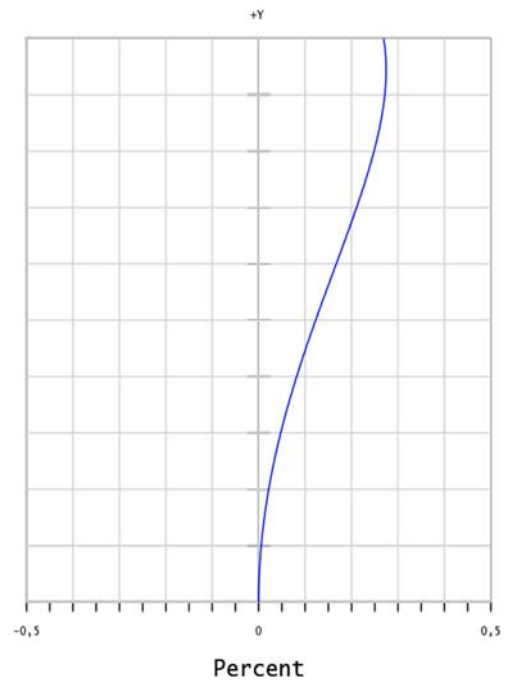
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specifications

article number	SSLPJ0492/M42
design wavelength [nm]	450-700
magnification (+/-5%)	2.000
working distance [mm] (+/-2%)	96.5
object size [mm]	6.4 x 4.8
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.17
object size [mm]	14.3
at a chip size of [mm]	28.6
distortion [%]	0.25
object size [mm]	17.5
at a chip size of [mm]	35.0
distortion [%]	0.28
max. telecentricity error [°]	0.015
numerical aperture	0.07
weight [kg]	not yet weighed
flange back distance [mm]	12
accessory	---

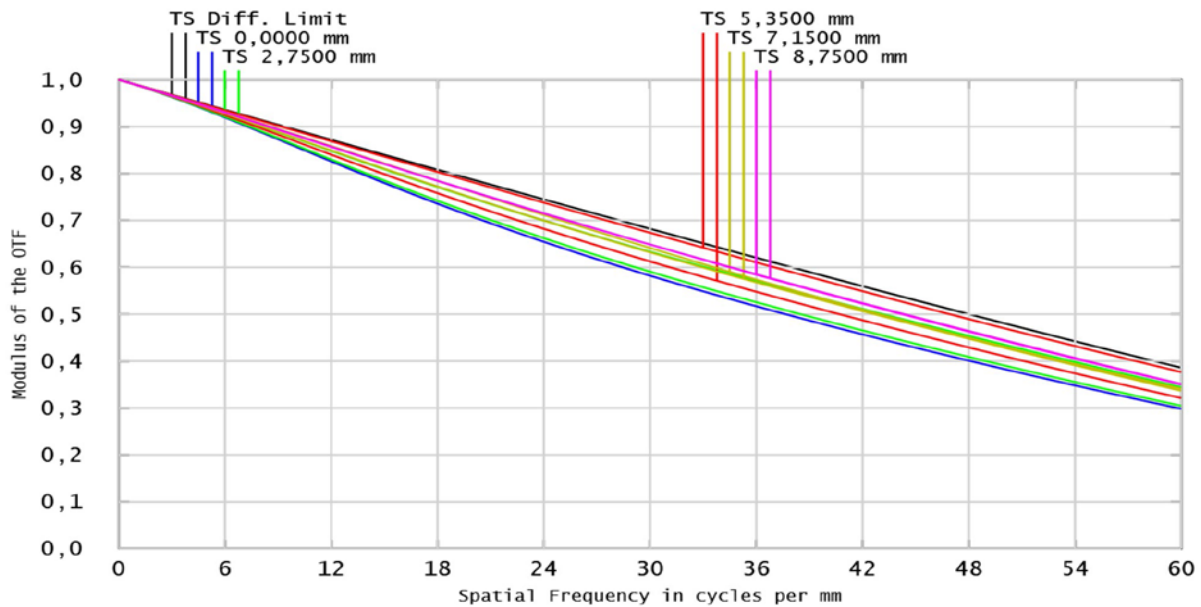
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.