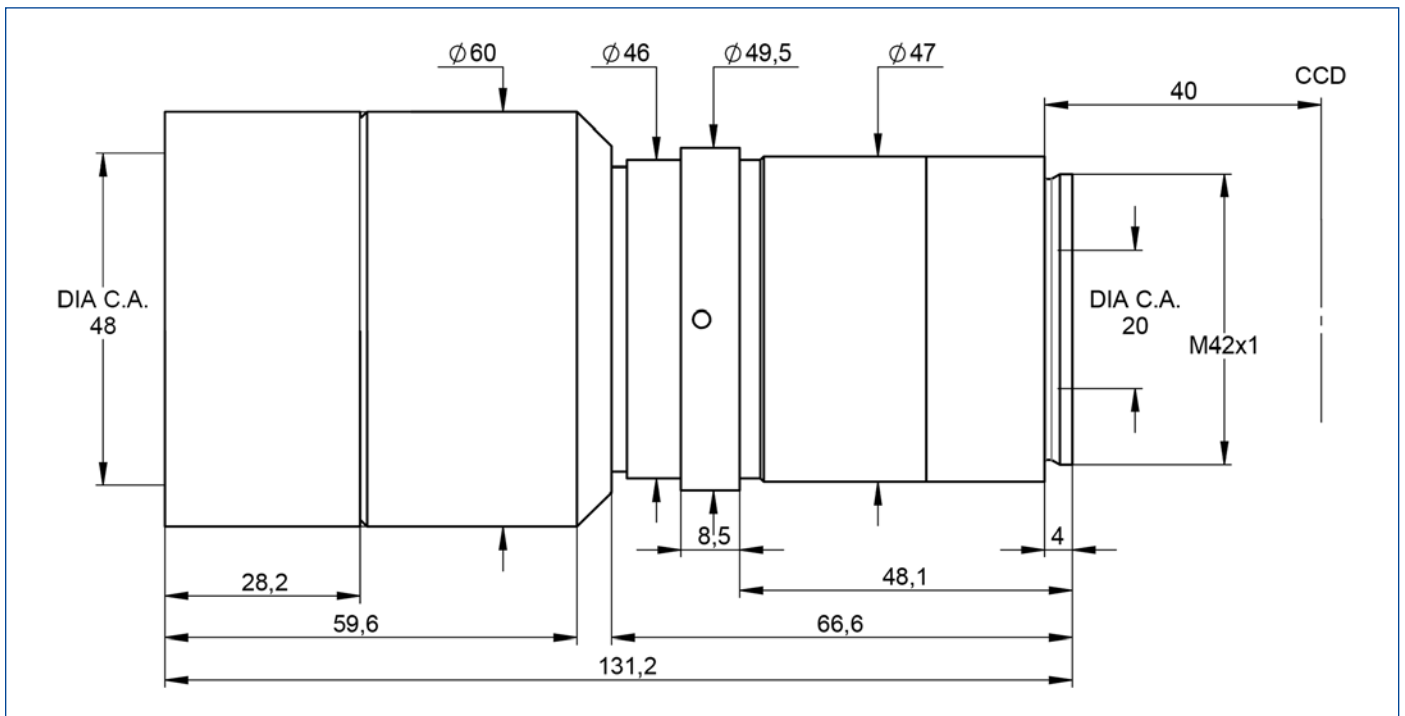


DATA SHEET



S5LPJ1007 Correctal® TL/1.0

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



outline drawing

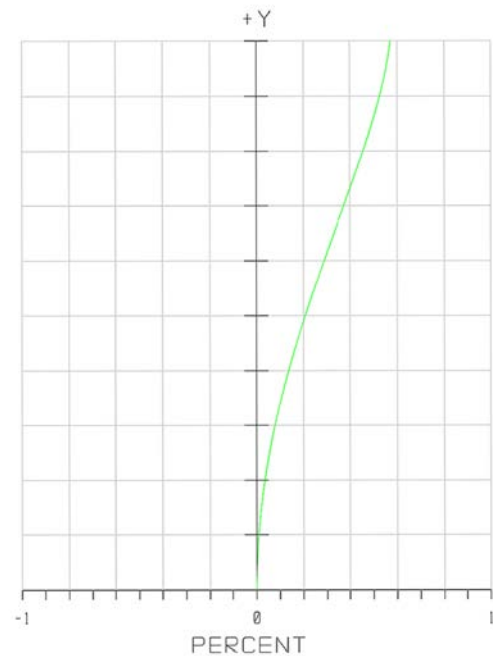
DATA SHEET



specifications

article number	S5LPJ1007
design wavelength [nm]	450-700
magnification (+/-5%)	1.000
working distance [mm] (+/-2%)	91.0
object size [mm]	12.8 x 9.6
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.2
object size [mm]	28.6
at a chip size of [mm]	28.6
distortion [%]	0.4
object size [mm]	35
at a chip size of [mm]	35.0
distortion [%]	0.5
max. telecentricity error [°]	0.04
numerical aperture	0.03
weight [kg]	0.60
flange back distance [mm]	40
accessory	S5SET1204/060

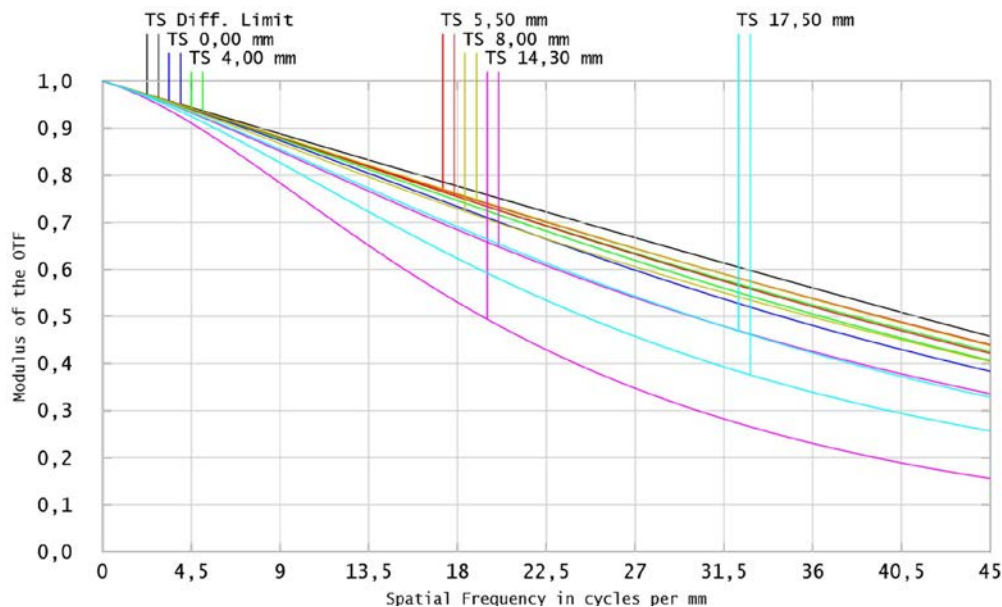
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.