

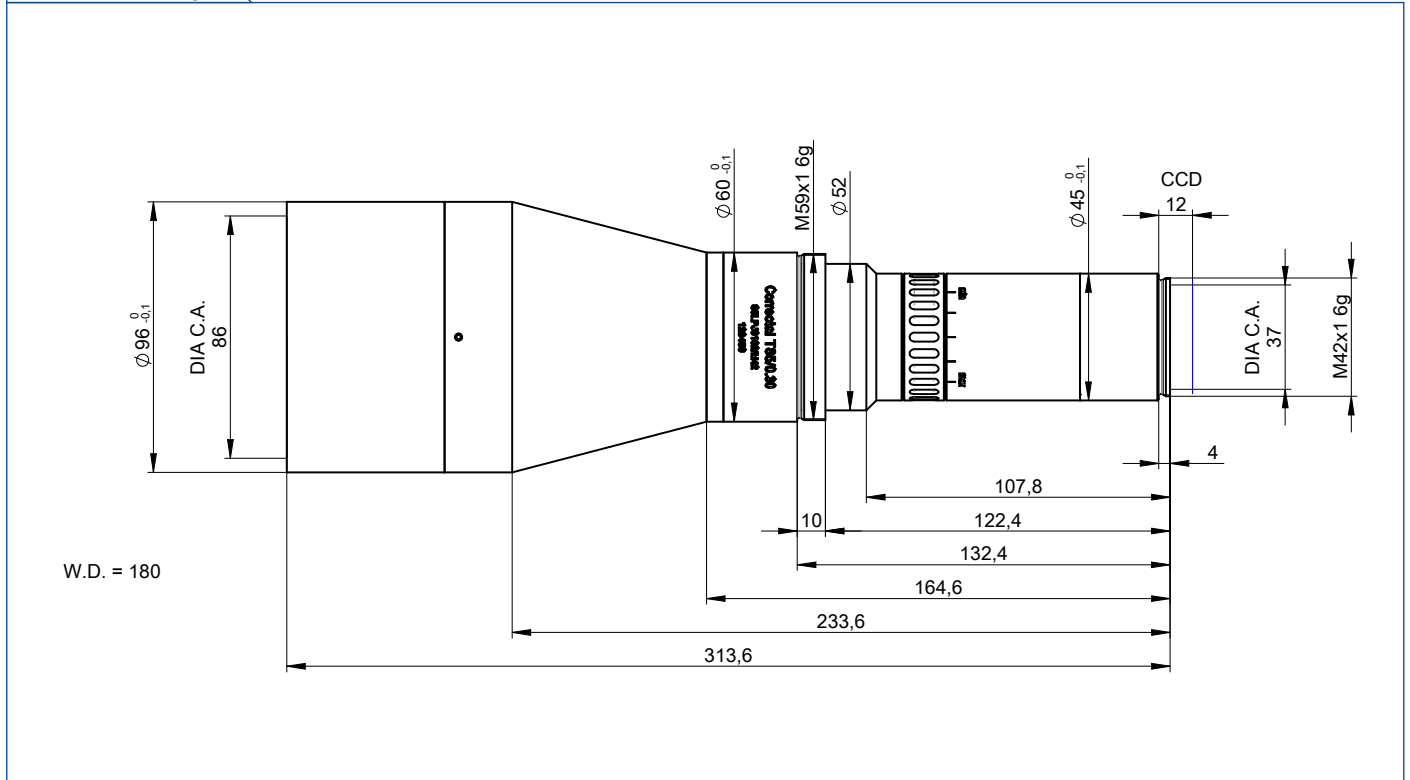
DATA SHEET

S5LPJ6162/M42 Correctal T85/0.30 Color

- standard telecentric lenses
- bi-telecentric
- with M42x1
- variable iris (manual)



outline drawing

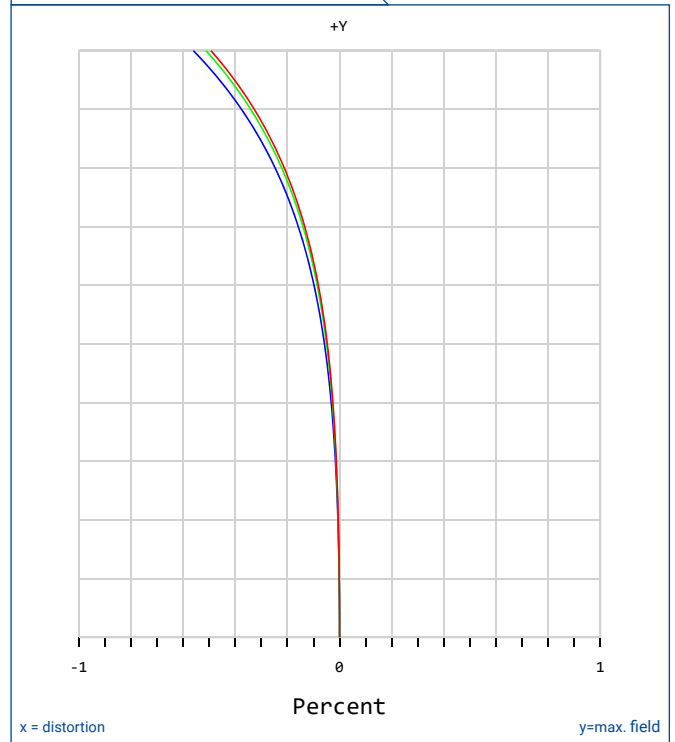


DATA SHEET

specifications

article number	S5LPJ6162/M42
wavelength range [nm]	400 - 900
design wavelength [nm]	450 - 700
magnification (+/-5%)	0.300
working distance [mm] (+/-2%)	180.0
object size [mm] at a chip size of [mm]	51.9 x 38.7 15.4 x 11.5 (1.2")
object size [mm] at a chip size of [mm]	57.6 x 43.4 17.1 x 12.9 (1.25")
object size [mm] at a chip size of [mm]	64.6 x 48.5 19.2 x 14.4 (1.5")
max. telecentricity error [°]	0.06
recommended numerical aperture	0.019
max. distortion [%]	0.56
weight [kg]	not yet weighed
flange back distance [mm]	12.00
accessory	--

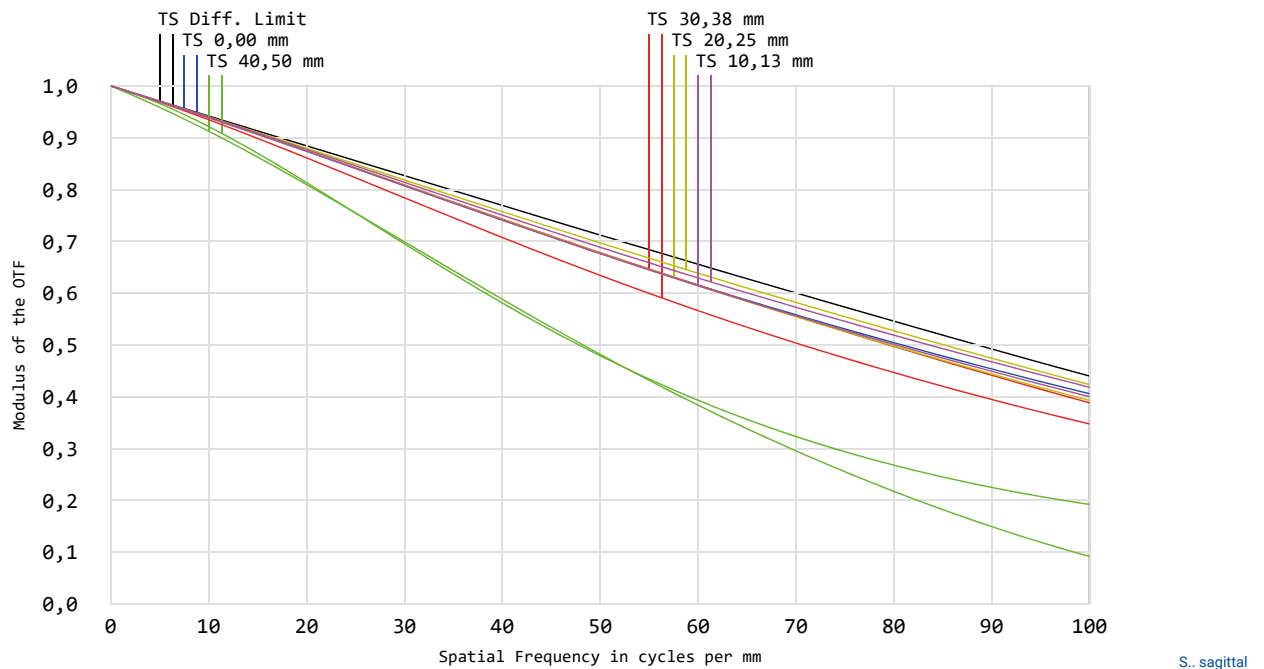
Distortion for 450 - 700 nm



remarks

useable for wavelength band 820-880 nm with working distance 182.7 mm

MTF for various object heights at 450 - 700 nm



graphs and data given by design