

DATA SHEET

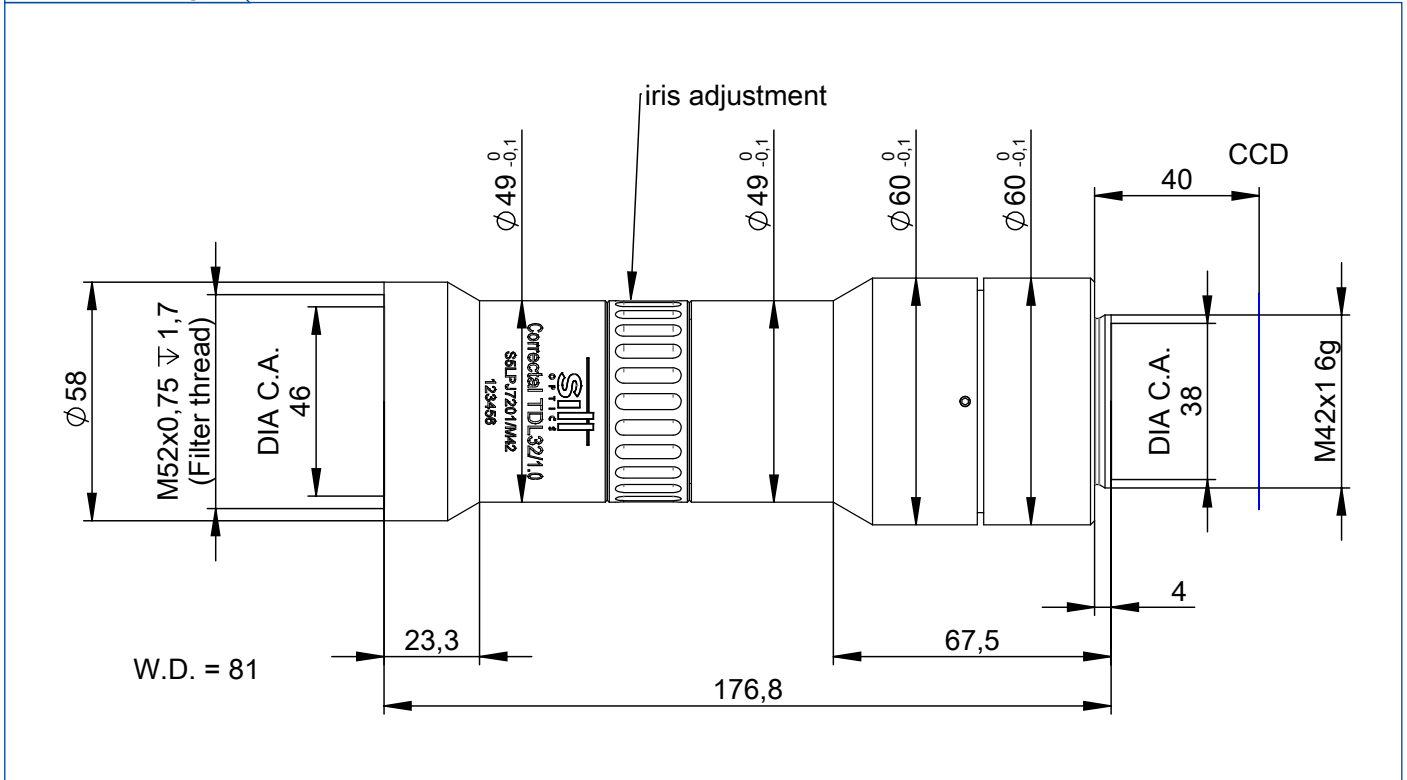
S5LPJ7201/M42 Correctal TDL32/1.0

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



illustration only

outline drawing

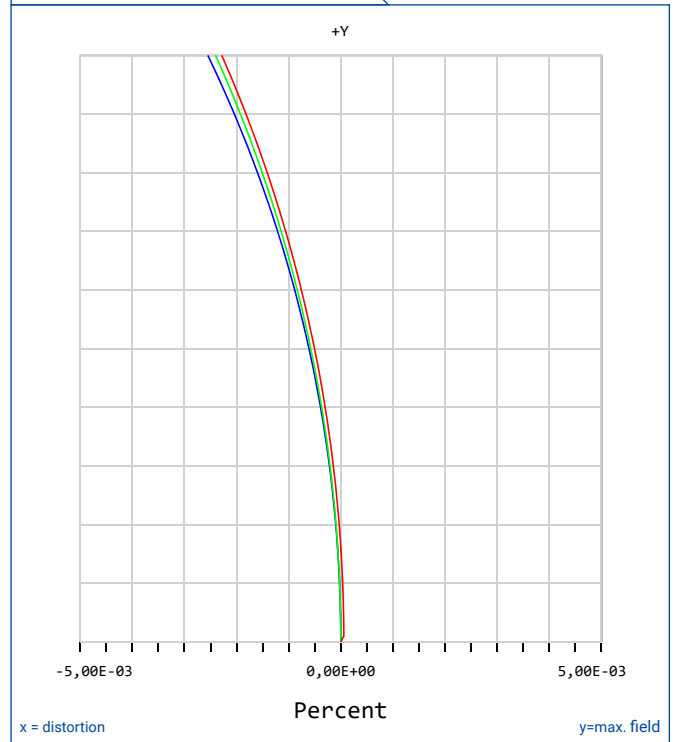


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specifications

article number	S5LPJ7201/M42
wavelength range [nm]	450 - 700
design wavelength [nm]	450 - 700
magnification (+/-5%)	1.000
working distance [mm] (+/-2%)	81.0
object size [mm] at a chip size of [mm]	19.2 x 14.4 19.2 x 14.4 (1.5")
object size [mm] at a chip size of [mm]	19.9 x 19.9 19.9 x 19.9 (28.2)
object size [mm] at a chip size of [mm]	23.0 x 23.0 23.0 x 23.0 (32.6)
max. telecentricity error [°]	0.08
recommended numerical aperture	0.070
max. distortion [%]	< 0.02
weight [kg]	not yet weighed
flange back distance [mm]	40.00
accessory	C-Mount adapter S5MEC0798

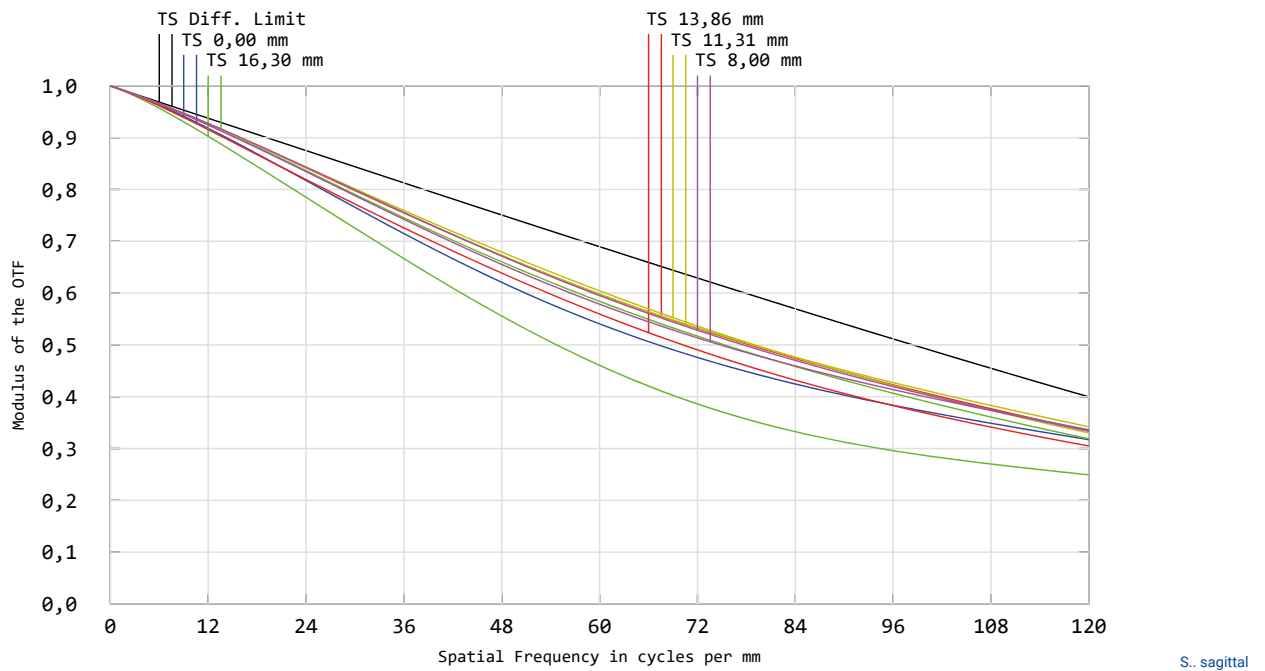
Distortion for 450 - 700 nm



remarks

useable for wavelength band 800-900 nm with working distance 81.6 mm

MTF for various object heights at 450 - 700 nm



graphs and data given by design