

DATA SHEET

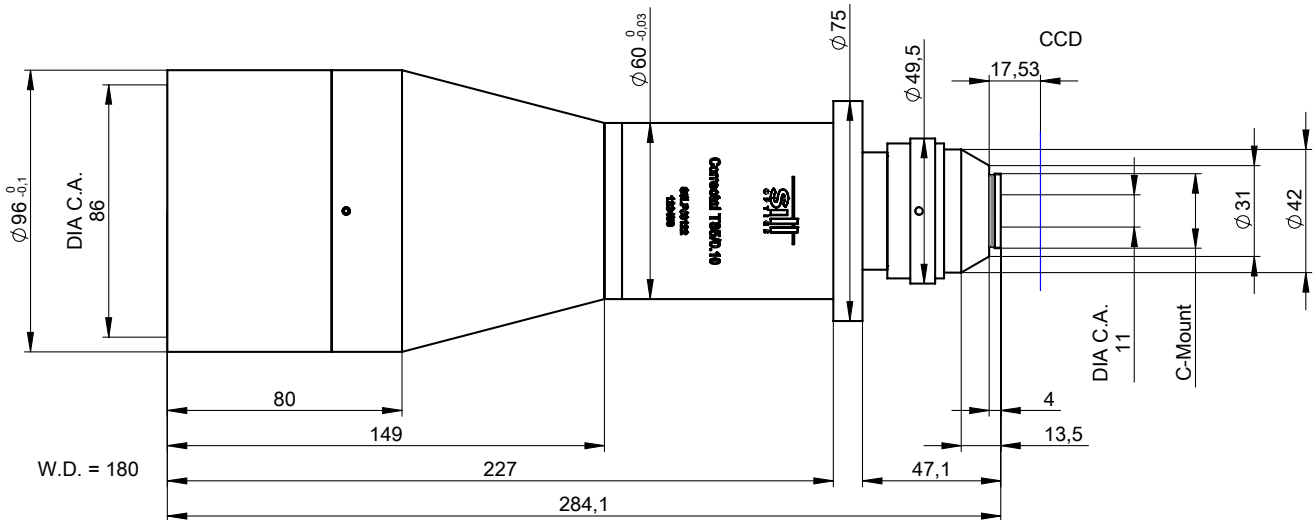
S5LPJ6122

Correctal T85/0.10 Color

- standard telecentric lenses
- object-sided telecentric
- with C-Mount
- variable iris (manual)



outline drawing

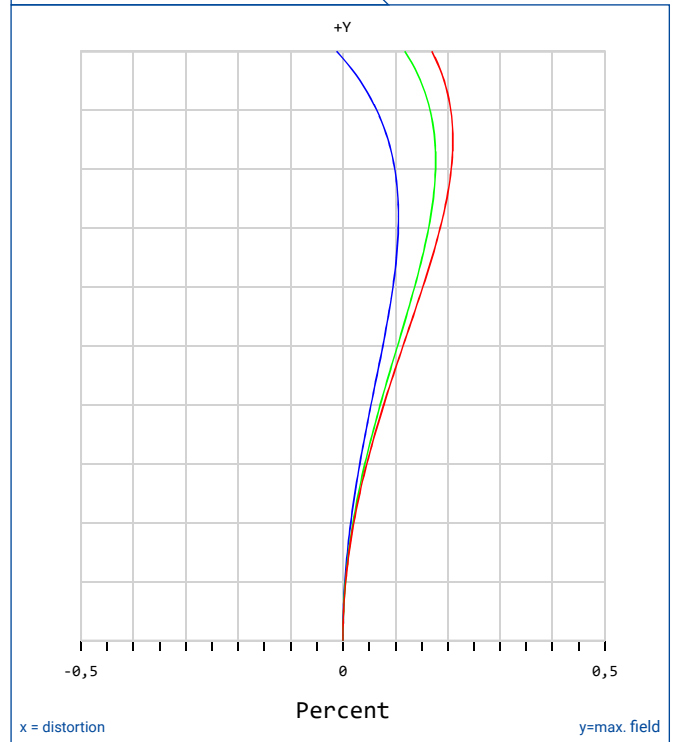


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specifications

article number	S5LPJ6122
wavelength range [nm]	400 - 900
design wavelength [nm]	450 - 700
magnification (+/-5%)	0.100
working distance [mm] (+/-2%)	180.0
object size [mm] at a chip size of [mm]	32.0 x 24.0 3.2 x 2.4 (1/4")
object size [mm] at a chip size of [mm]	48.0 x 36.0 4.8 x 3.6 (1/3")
object size [mm] at a chip size of [mm]	64.0 x 48.0 6.4 x 4.8 (1/2")
max. telecentricity error [°]	0.03
recommended numerical aperture	0.011
max. distortion [%]	0.21
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET0020 (lens mount), S5SET6030 (protective window)

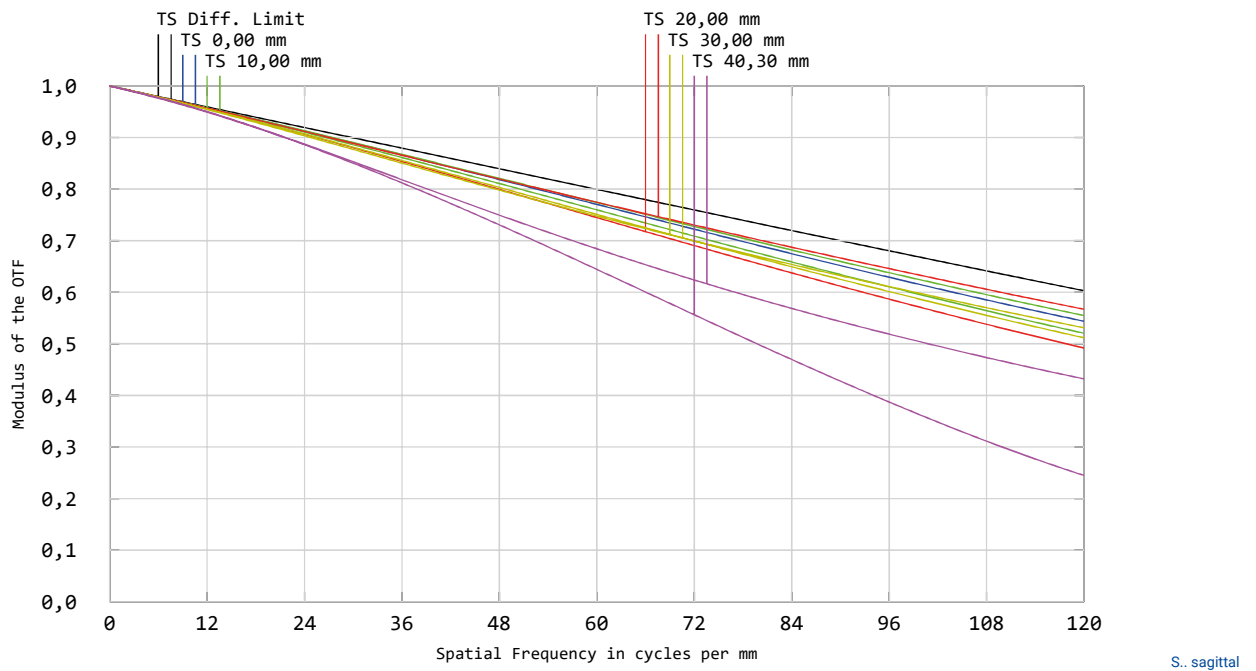
Distortion for 450 - 700 nm



remarks

useable for wavelength band 800-900 nm with working distance 188.1 mm

MTF for various object heights at 450 - 700 nm



graphs and data given by design