

DATA SHEET

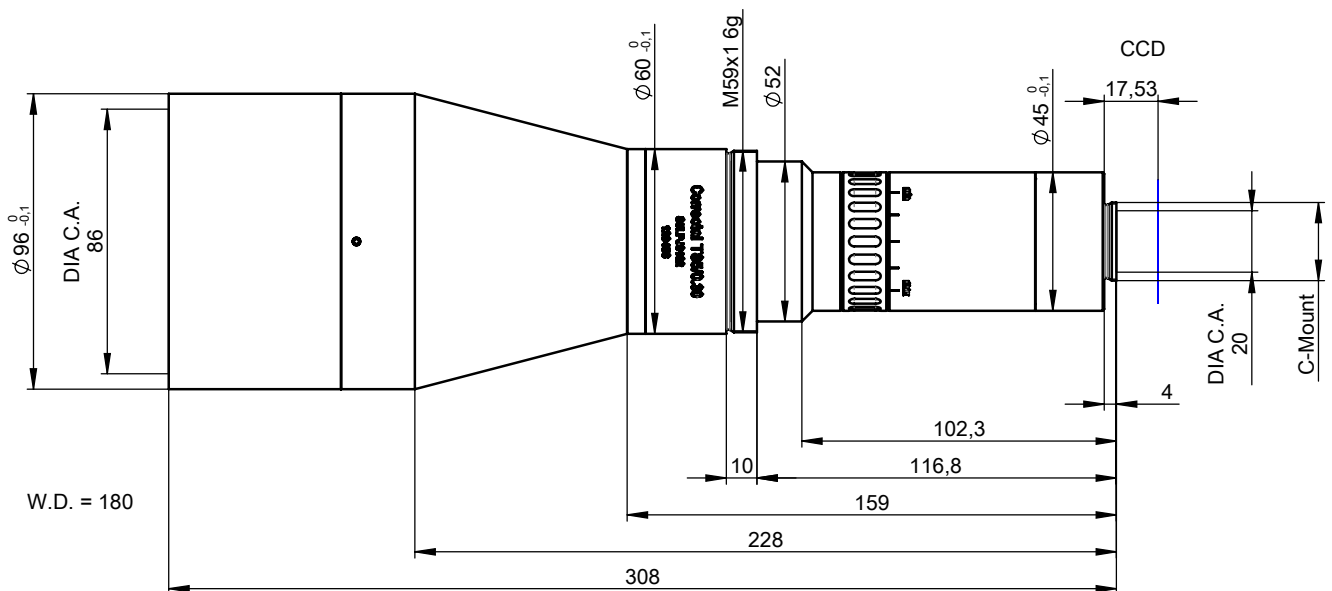
S5LPJ6162

Correctal T85/0.30 Color

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



outline drawing

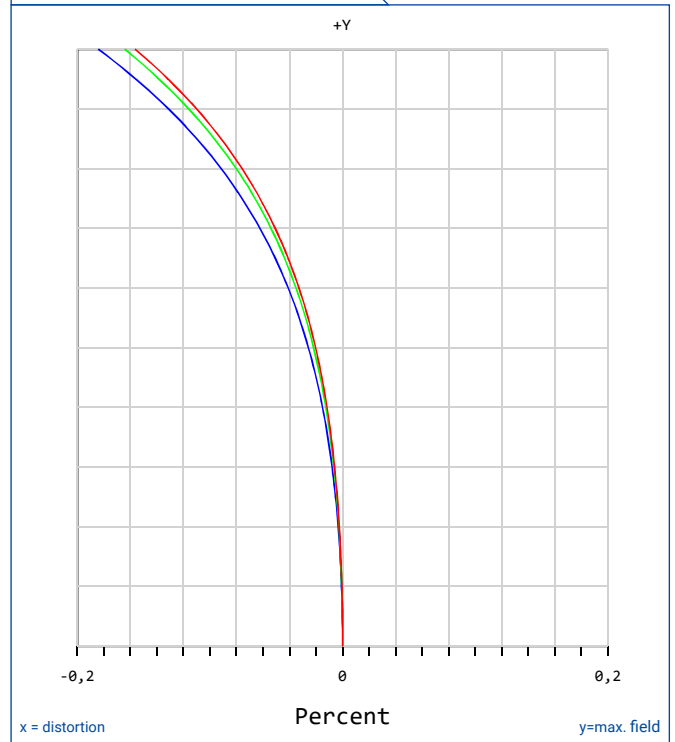


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specifications

article number	S5LPJ6162
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]	43.1 x 32.3 12.8 x 9.6 (1")
object size [mm] at a chip size of [mm]	47.5 x 35.7 14.1 x 10.6 (1.1")
object size [mm] at a chip size of [mm]	51.9 x 38.7 15.4 x 11.5 (1.2")
max. telecentricity error [°]	0.04
recommended numerical aperture	0.019
max. distortion [%]	0.18
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	--

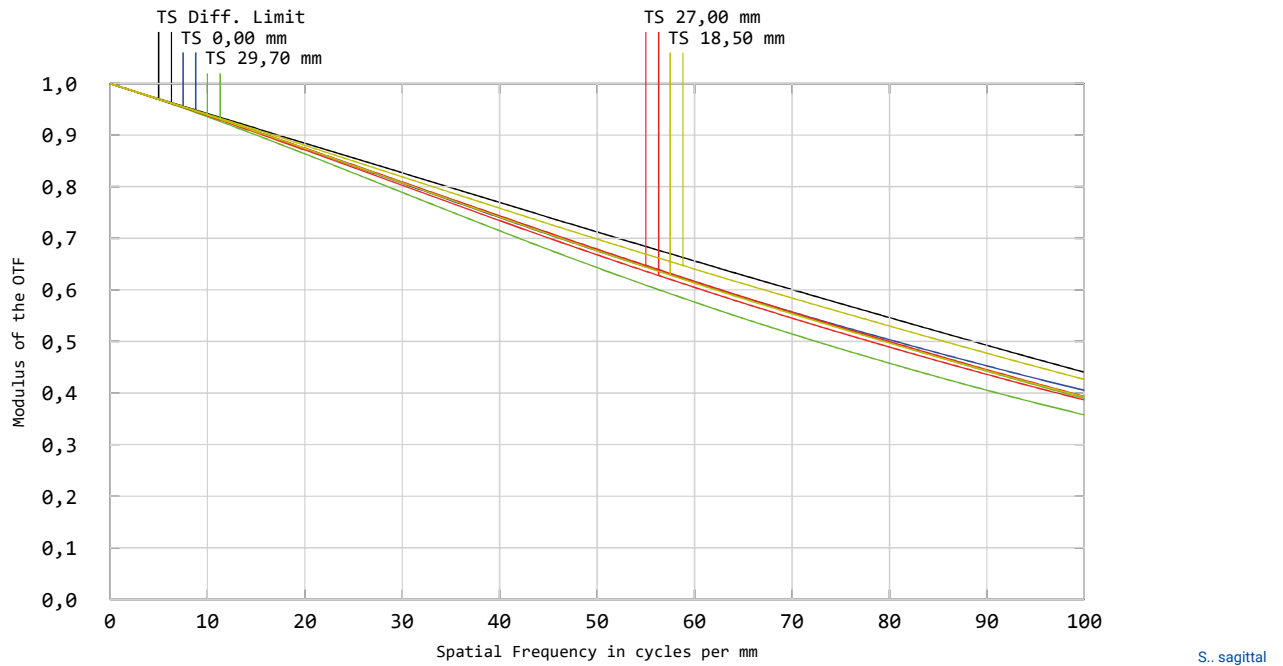
Distortion for 450 - 700 nm



remarks

useable for wavelength band 820-880 nm with working distance 182.9 mm

MTF for various object heights at 450 - 700 nm



graphs and data given by design