

# DATA SHEET

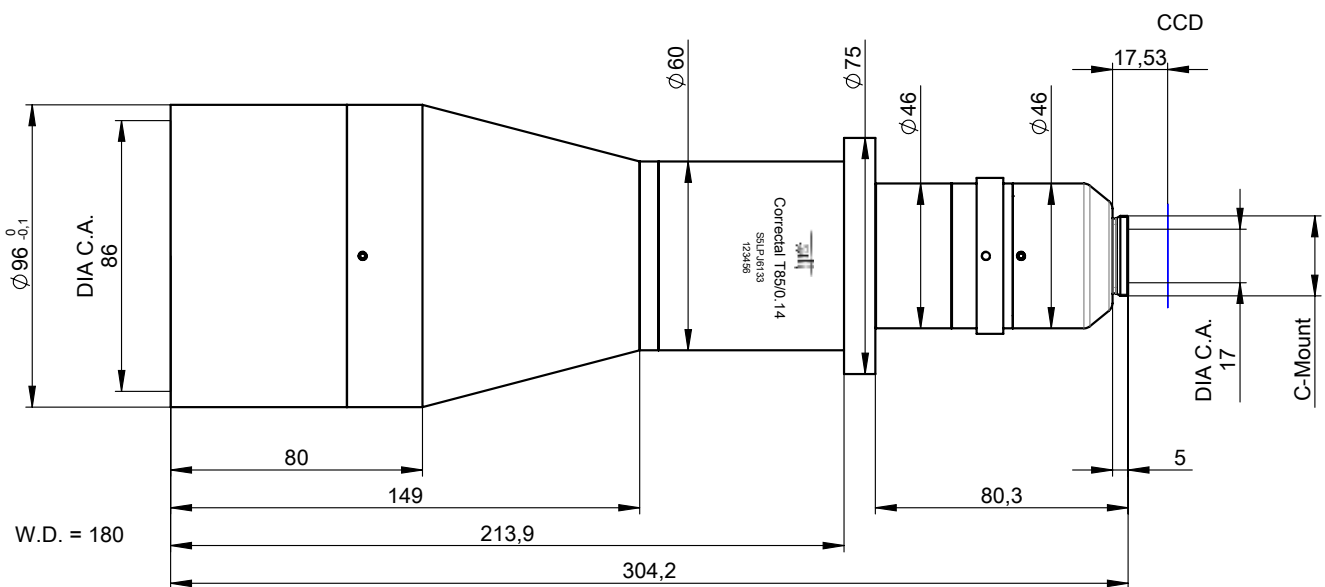
## S5LPJ6133

### Correctal T85/0.14 Color

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



#### outline drawing

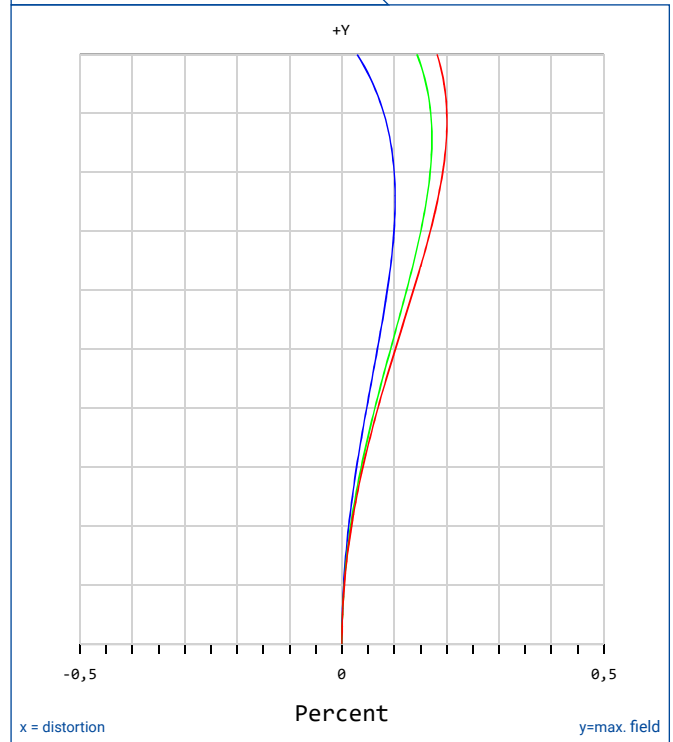


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## specifications

article number	S5LPJ6133
wavelength range [nm]	400 - 900
design wavelength [nm]	450 - 700
magnification (+/-5%)	0.140
working distance [mm] (+/-2%)	180.0
object size [mm] at a chip size of [mm]	44.4 x 33.3 6.4 x 4.8 (1/2")
object size [mm] at a chip size of [mm]	50.0 x 36.8 7.2 x 5.3 (1/1.8")
object size [mm] at a chip size of [mm]	61.1 x 45.8 8.8 x 6.6 (2/3")
max. telecentricity error [°]	0.02
recommended numerical aperture	0.010
max. distortion [%]	0.2
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET0020 (lens mount), S5SET6030 (protective window)

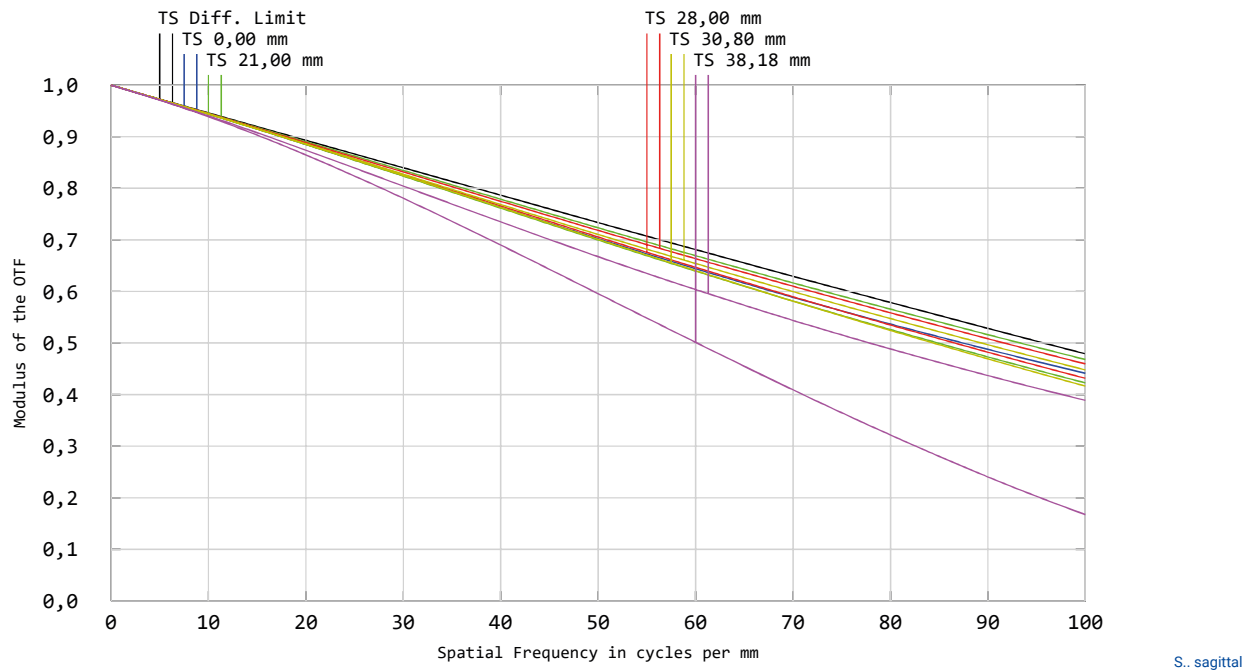
## Distortion for 450 - 700 nm



## remarks

useable for wavelength band 800-900 nm with working distance 188.5 mm

## MTF for various object heights at 450 - 700 nm



graphs and data given by design