

# DATA SHEET

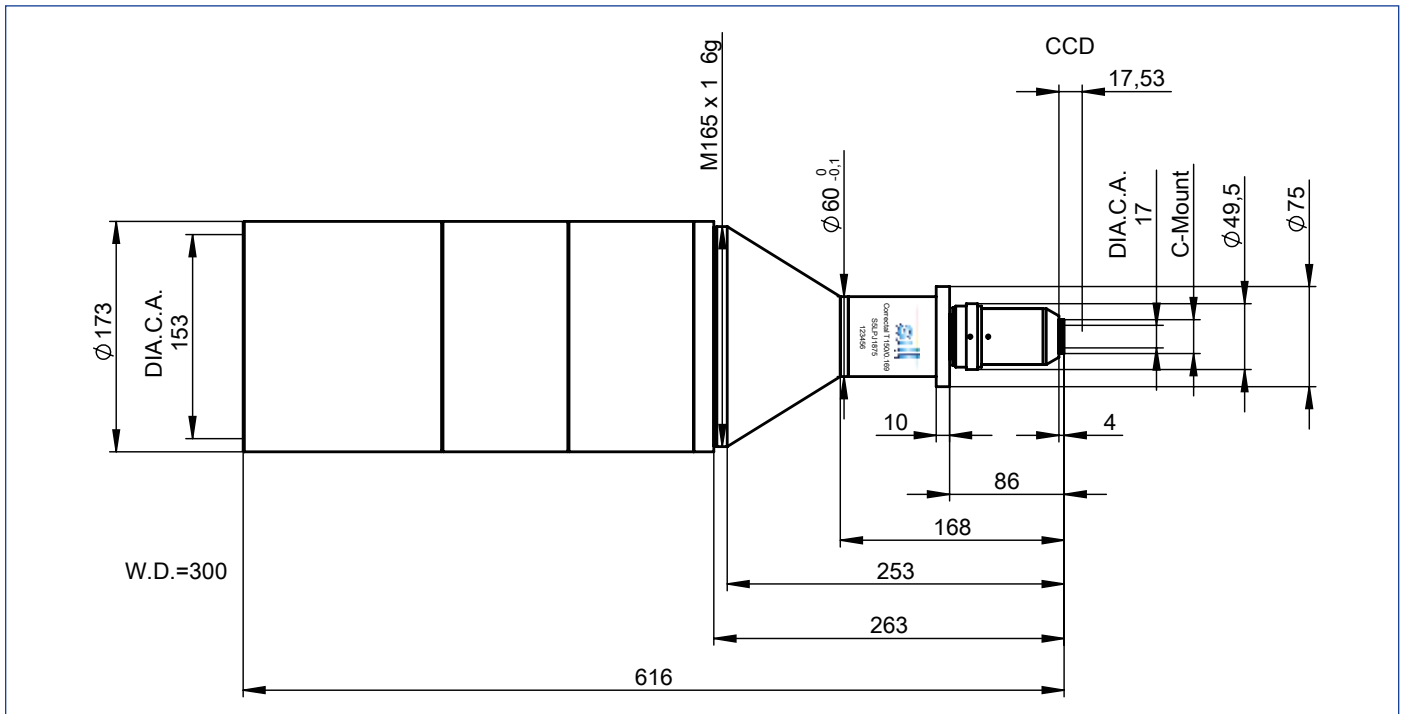


## S5LPJ1875 Correctal® T150/0.17

- telecentric lens
- with c-mount
- with variable iris



illustration only



outline drawing

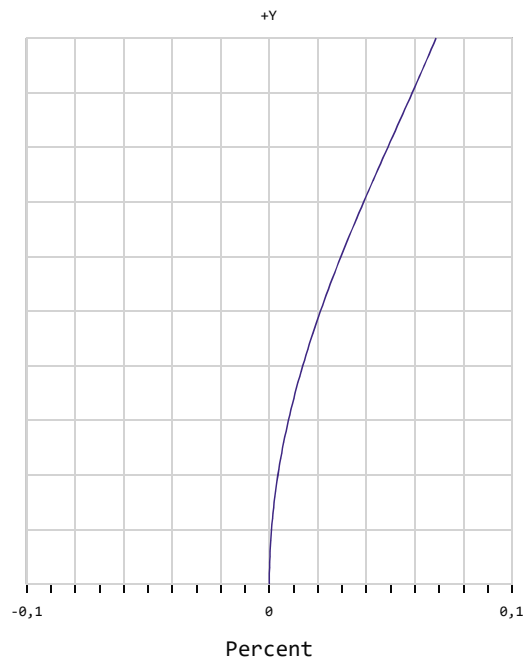
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## specifications

article number	S5LPJ1875
design wavelength [nm]	450-700
magnification (+/-5%)	0.169
working distance [mm] (+/-2%)	300.0
object size [mm]	52 x 39
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.02
object size [mm]	75.7 x 56.8
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.06
object size [mm]	83.4 x 62.7
at a chip size of [mm]	14.1 x 10.6 (1.1")
distortion [%]	0.07
max. telecentricity error [°]	< 0.01
numerical aperture	0.010
weight [kg]	9.00
flange back distance [mm]	17.53
accessory	S5SET0020, S5SET1830

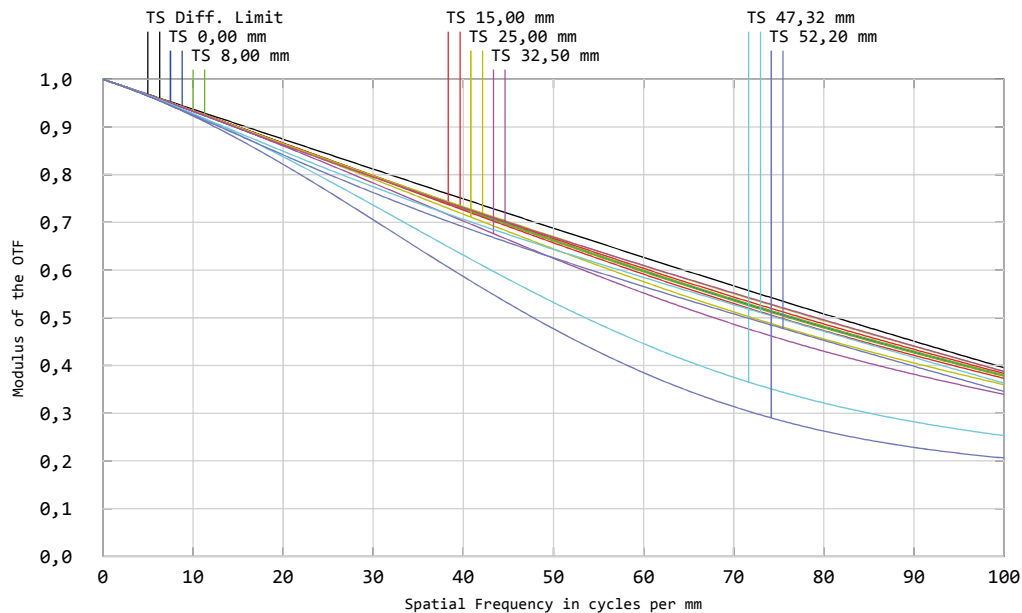
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.