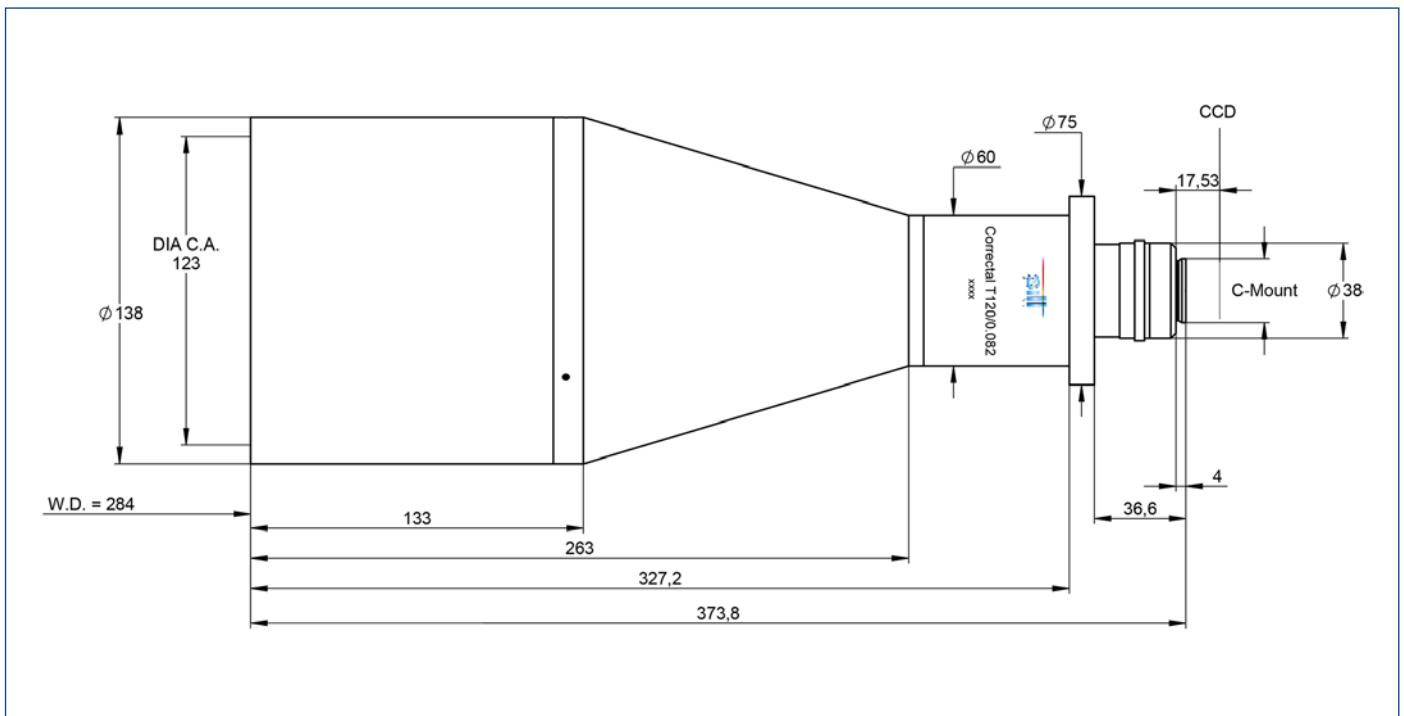


# DATA SHEET



## S5LPJ1523 Correctal® T120/0.082

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



outline drawing

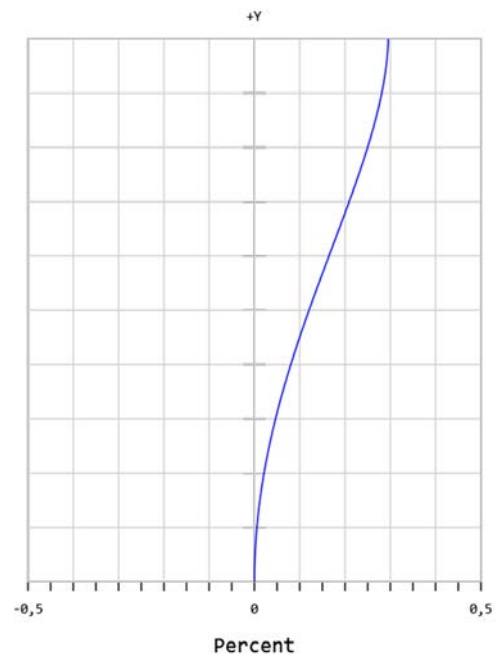
# DATA SHEET



## specifications

article number	S5LPJ1523
design wavelength [nm]	450-700
magnification (+/-5%)	0.082
working distance [mm] (+/-2%)	284.0
object size [mm]	58.5 x 43.9
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.1
object size [mm]	78 x 58.5
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.3
object size [mm]	---
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	---
max. telecentricity error [°]	< 0.01
numerical aperture	0.01
weight [kg]	4.60
flange back distance [mm]	17.53
accessory	S5SET0020, S5SET1530

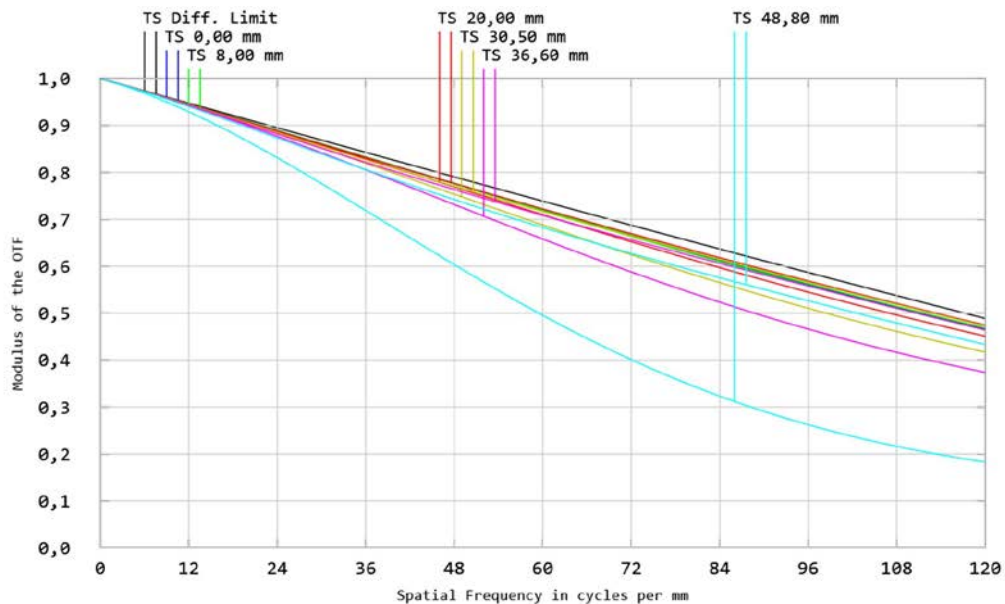
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.

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