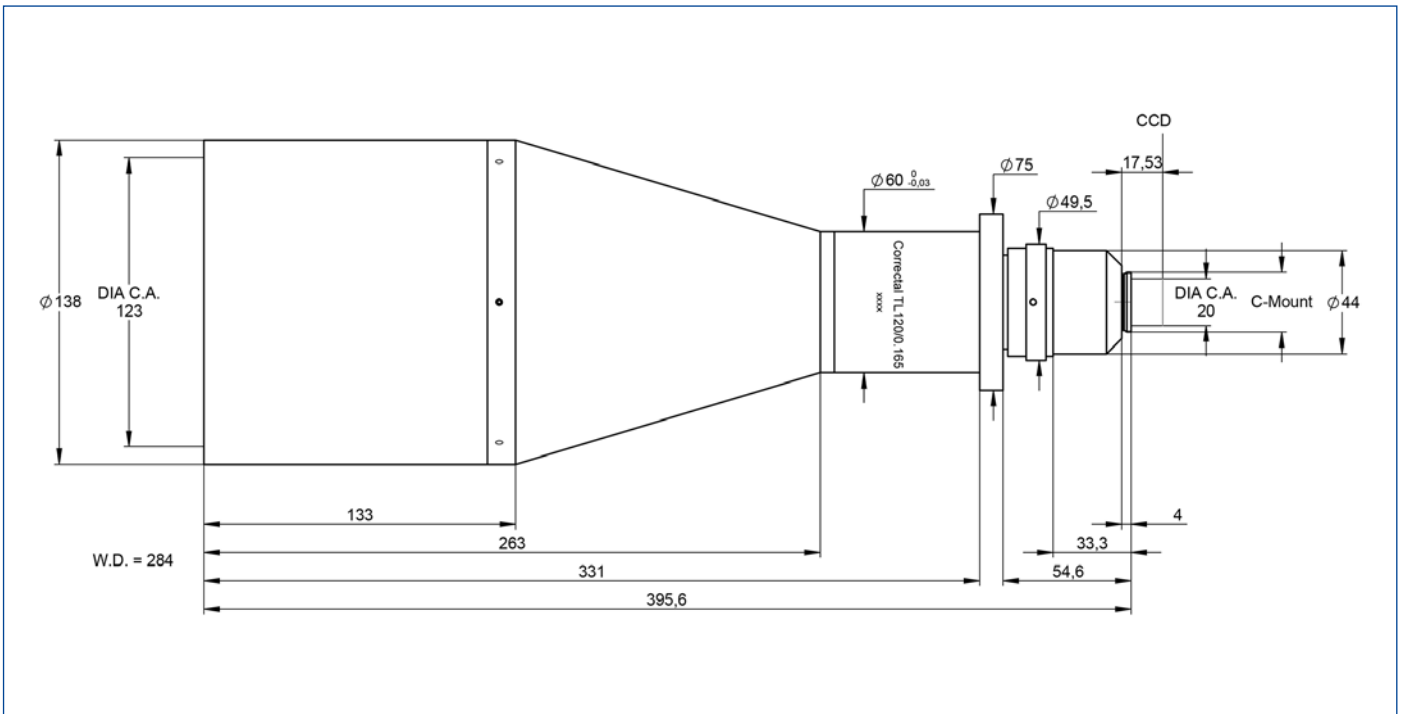


# DATA SHEET



## S5LPJ1551 Correctal® T120/0.165

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



outline drawing

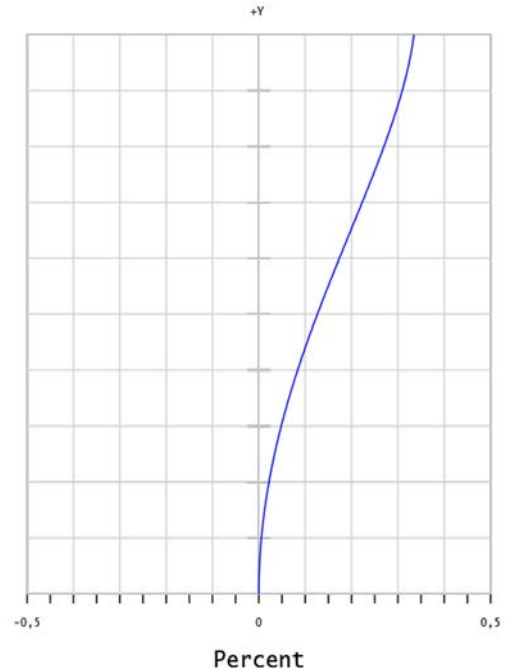
# DATA SHEET



## specifications

article number	S5LPJ1551
design wavelength [nm]	450-700
magnification (+/-5%)	0.165
working distance [mm] (+/-2%)	284.0
object size [mm]	38.7 x 29
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.13
object size [mm]	53.3 x 40
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.22
object size [mm]	77.5 x 58.1
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.33
max. telecentricity error [°]	<0.01
numerical aperture	0.01
weight [kg]	4.60
flange back distance [mm]	17.53
accessory	S5SET0020, S5SET1530

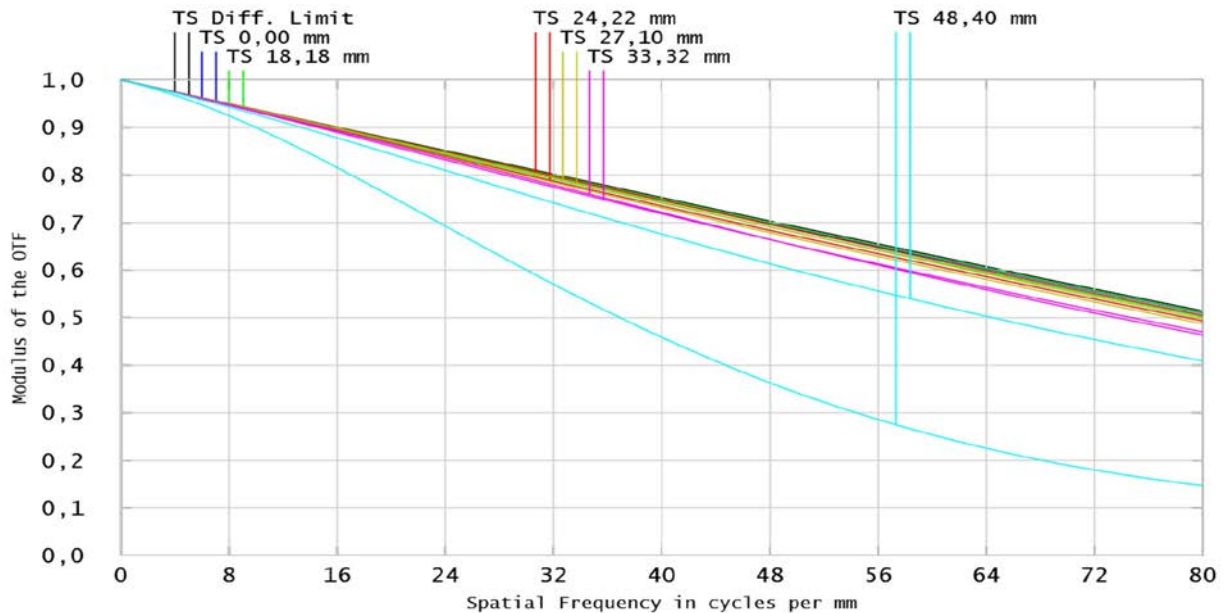
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.