

# DATA SHEET

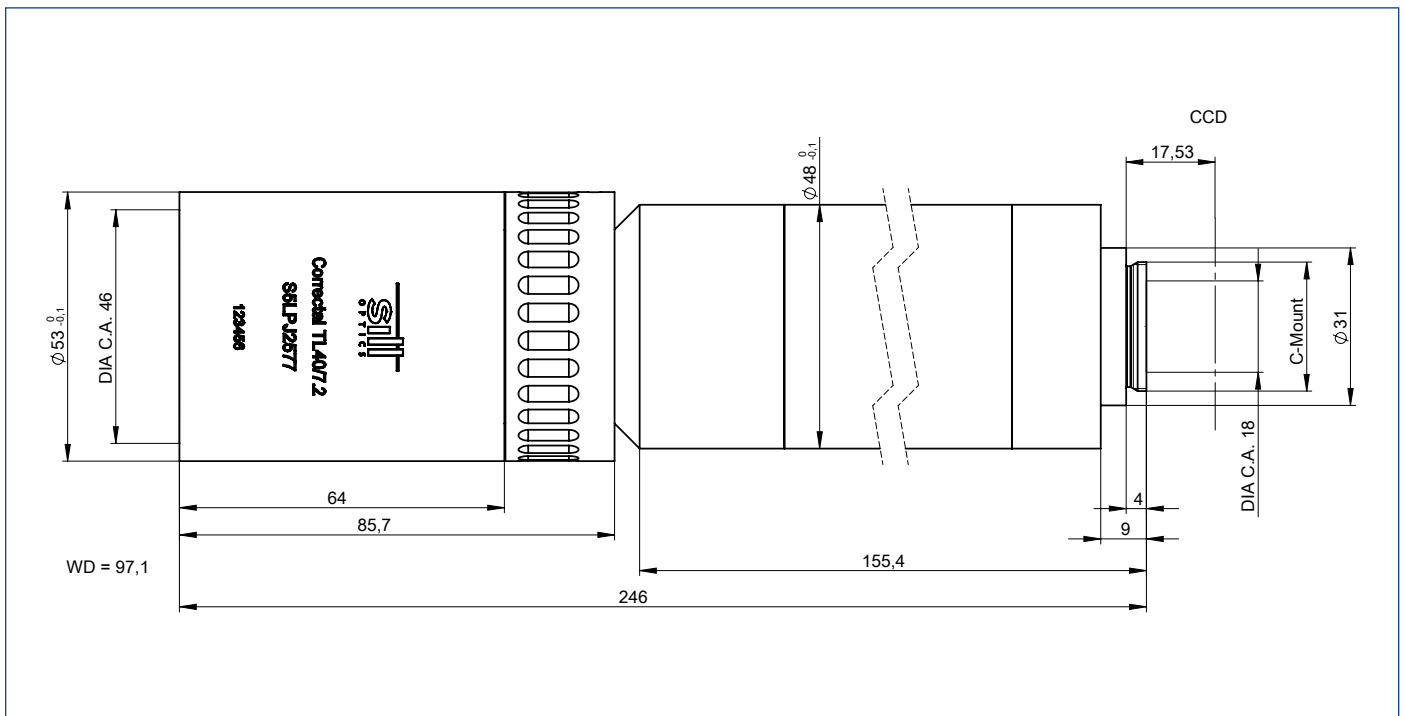


## S5LPJ2577 Correctal® TL40/7.0

- telecentric lens with
- high NA and c-mount
- with variable iris



illustration only



outline drawing

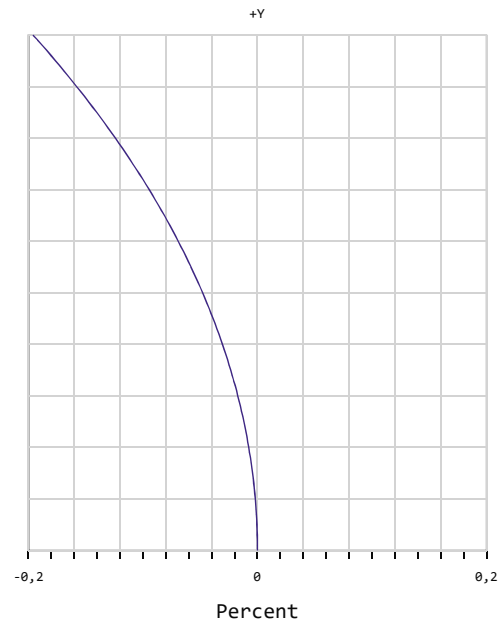
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## specifications

article number	S5LPJ2577
design wavelength [nm]	650 (+/- 20)
magnification (+/-5%)	7.000
working distance [mm] (+/-2%)	97.1
object size [mm]	1 x 0.7
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	0.06
object size [mm]	1.2 x 0.9
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.09
object size [mm]	1.8 x 1.3
at a chip size of [mm]	12.8 x 9.6 (1")
distortion [%]	0.2
max. telecentricity error [°]	0.02
numerical aperture	0.180
weight [kg]	3.30
flange back distance [mm]	17.53
accessory	---

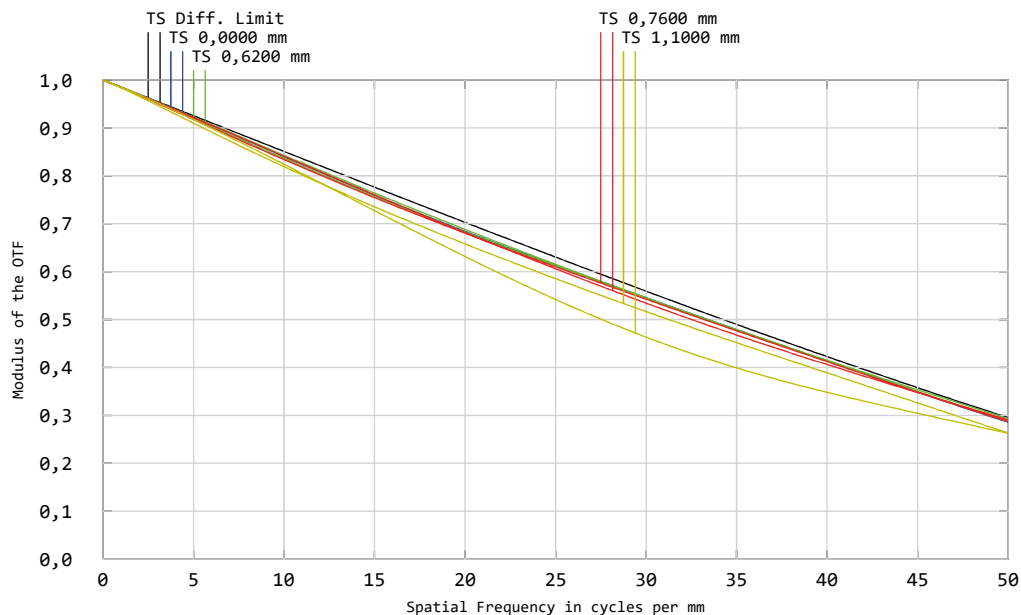
## Distortion for 650 nm



x = distortion

y = max. field

## MTF for various object heights at 650 nm



T. tangential

S. sagittal

graphs and data given by design.