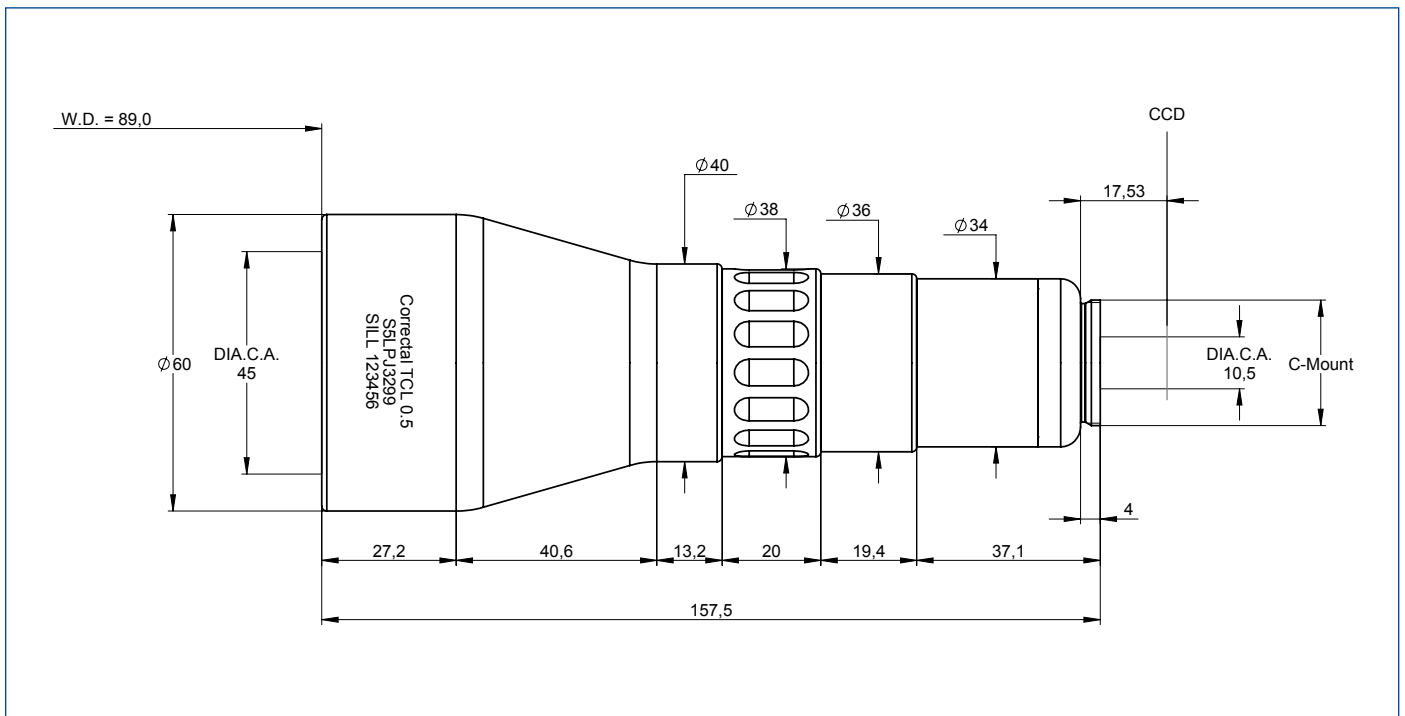


# DATA SHEET



## S5LPJ3299 Correctal® TCL50/0.5

- telecentric lens
- with c-mount
- with fixed iris



outline drawing

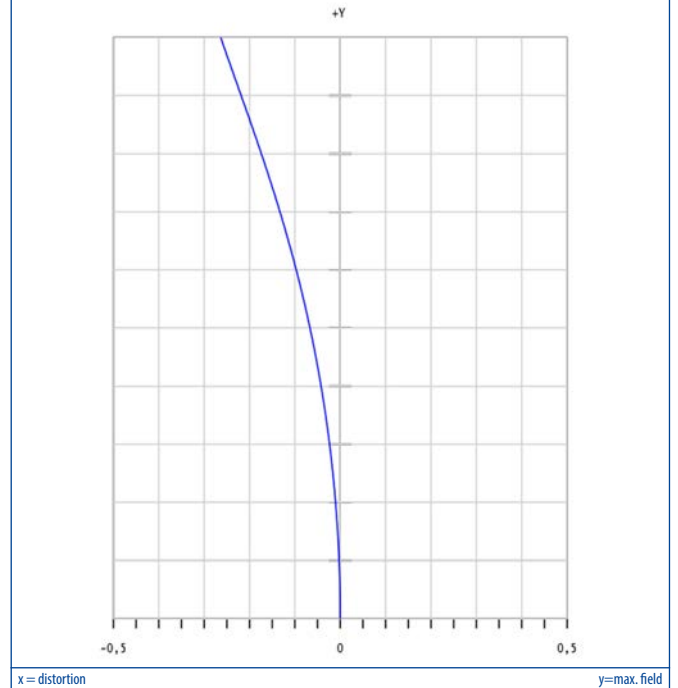
# DATA SHEET



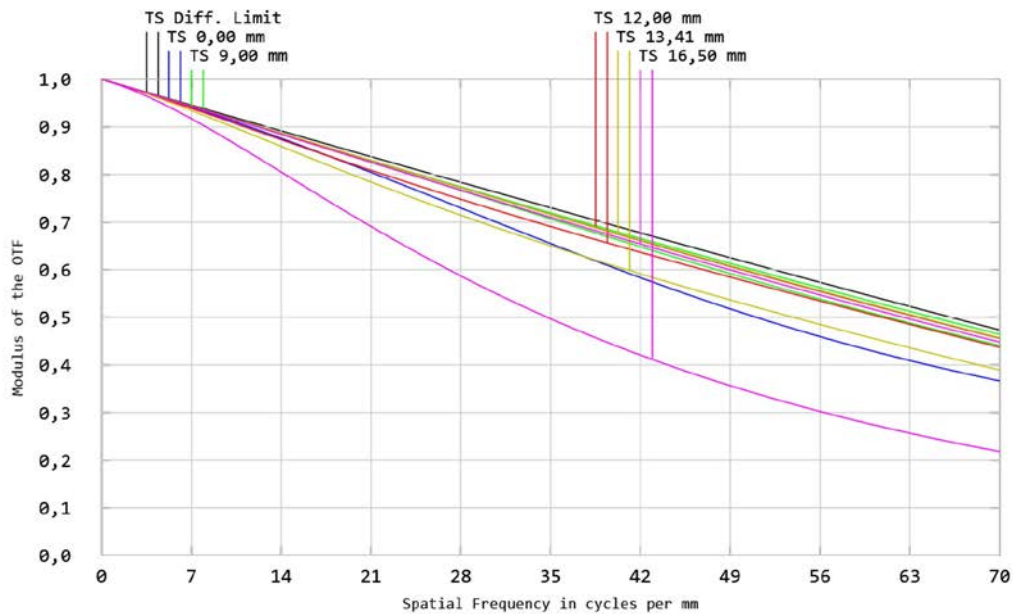
## specifications

article number	S5LPJ3299
design wavelength [nm]	450-700
magnification (+/-5%)	0.500
working distance [mm] (+/-2%)	89.0
object size [mm]	9.6 x 7.2
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.1
object size [mm]	12.8 x 9.6
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.17
object size [mm]	17.6 x 13.2
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.3
max. telecentricity error [°]	0.08
numerical aperture	0.03
weight [kg]	0.40
flange back distance [mm]	17.53
accessory	---

## Distortion for 586 nm



## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.