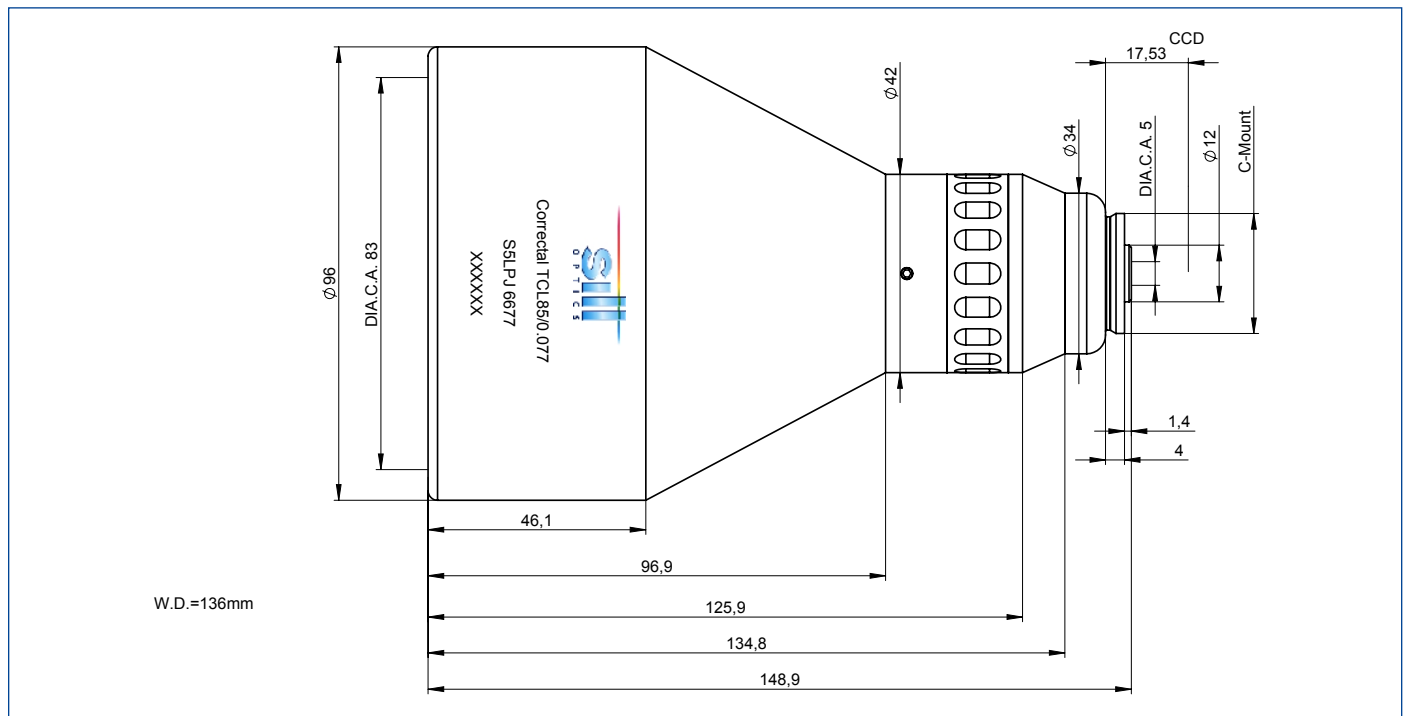


DATA SHEET



S5LPJ6677 Correctal® TCL85/0.08

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



outline drawing

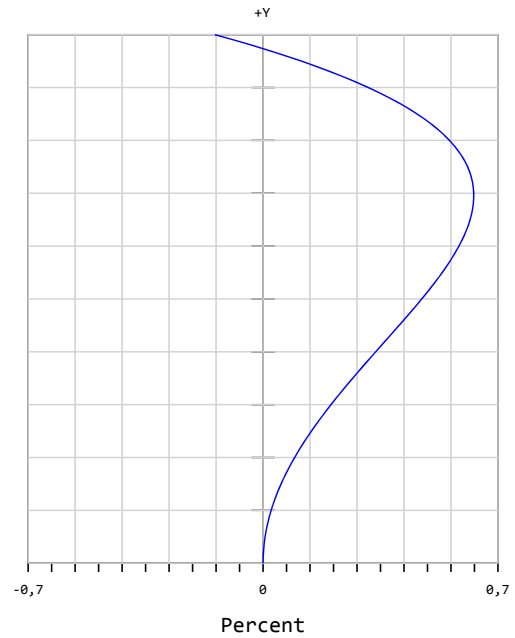
DATA SHEET



specifications

article number	S5LPJ6677
design wavelength [nm]	450-700
magnification (+/-5%)	0.077
working distance [mm] (+/-2%)	136.0
object size [mm]	62.3 x 46.7
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.7
object size [mm]	---
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	---
object size [mm]	---
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	---
max. telecentricity error [°]	0.23
numerical aperture	0.01
weight [kg]	0.70
flange back distance [mm]	17.53
accessory	---

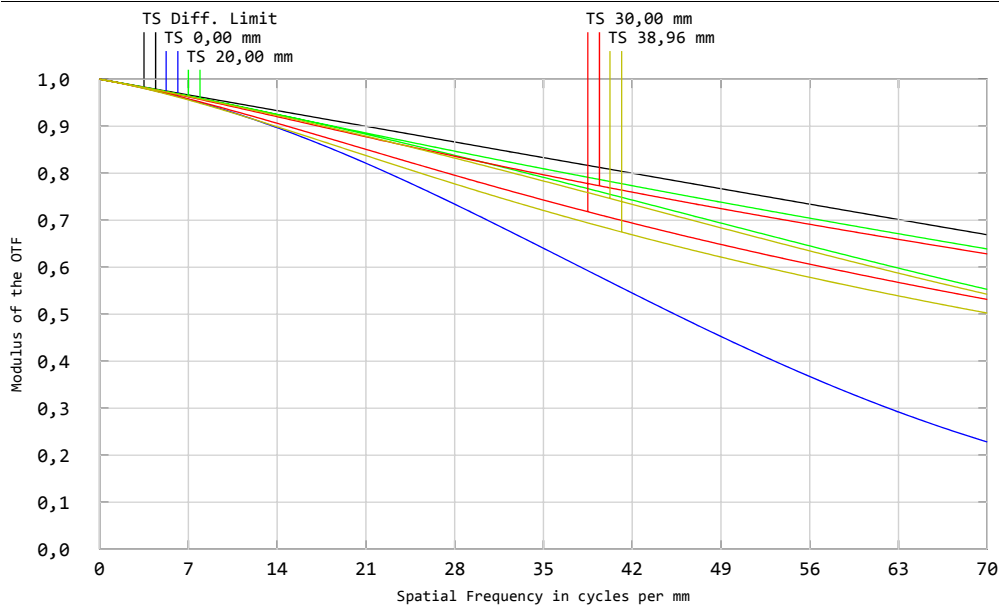
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.