

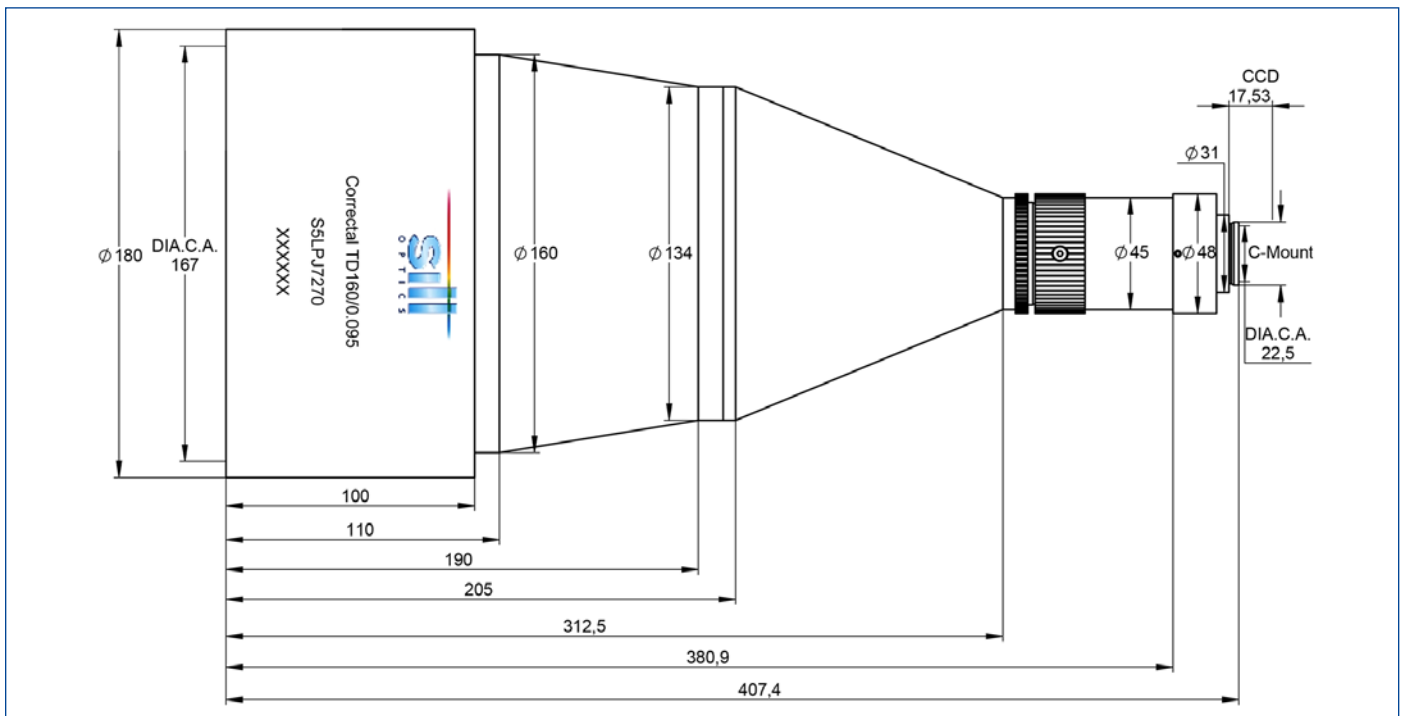
DATA SHEET



S5LPJ7270

SillVision T160/0.09

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



outline drawing

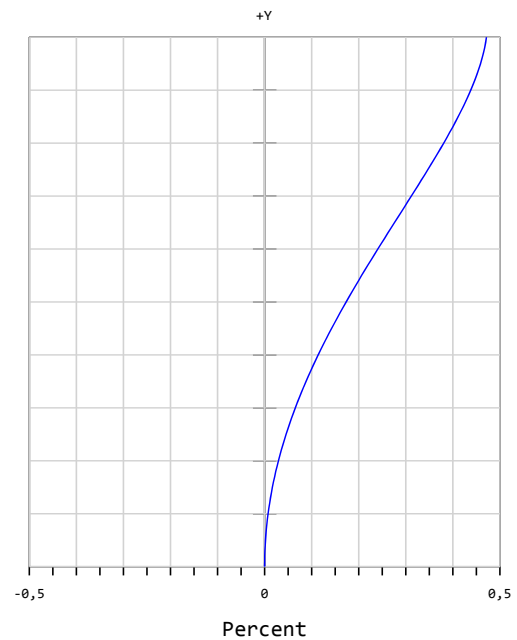
DATA SHEET



specifications

article number	S5LPJ7270
design wavelength [nm]	450-700
magnification (+/-5%)	0.095
working distance [mm] (+/-2%)	318.0
object size [mm]	50.5 x 37.8
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.2
object size [mm]	67.3 x 50.5
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.3
object size [mm]	92.6 x 69.4
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.5
max. telecentricity error [°]	0.033
numerical aperture	0.01
weight [kg]	5.97
flange back distance [mm]	17.53
accessory	---

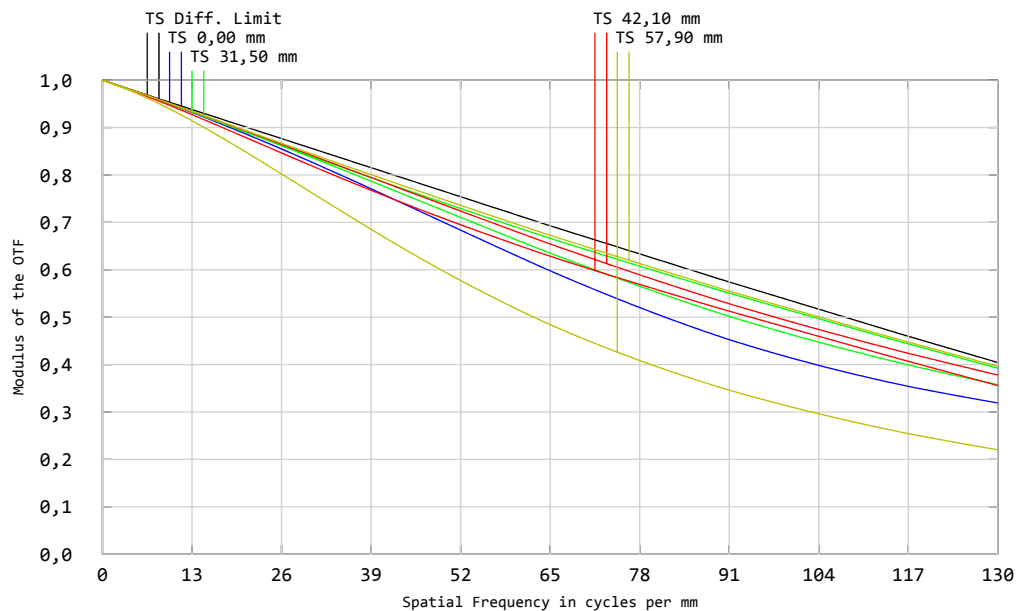
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.