

DATA SHEET



S5LPJ0110 Correctal® T85/0.097

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

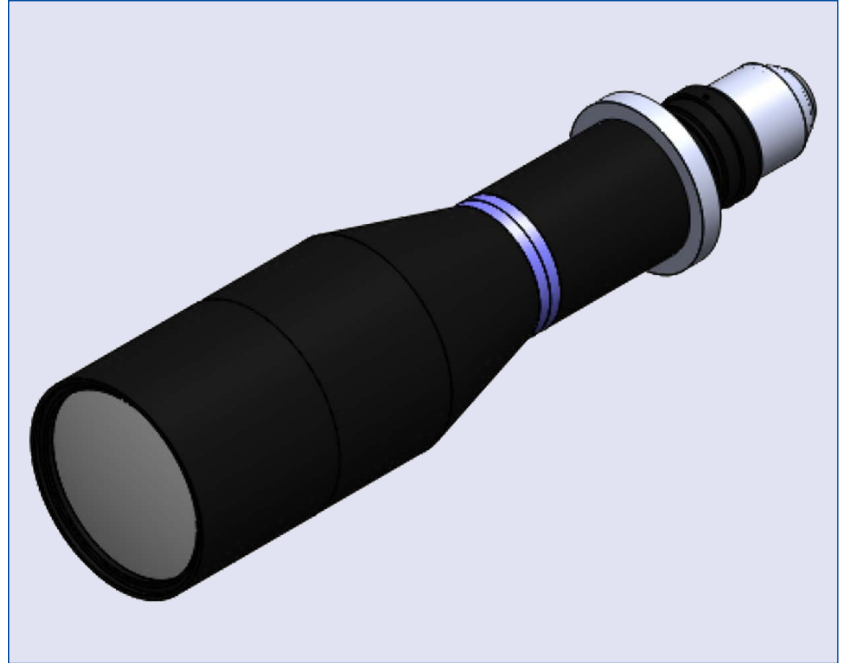
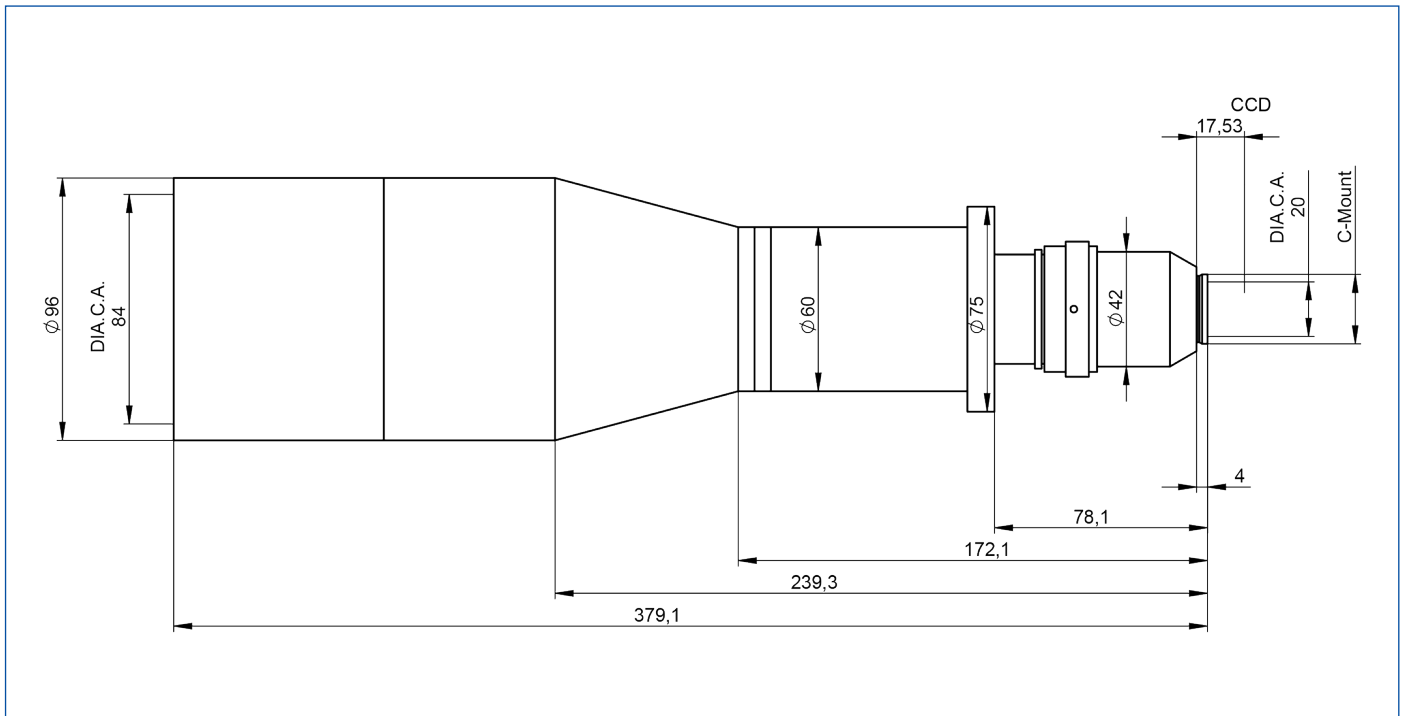


illustration only



outline drawing

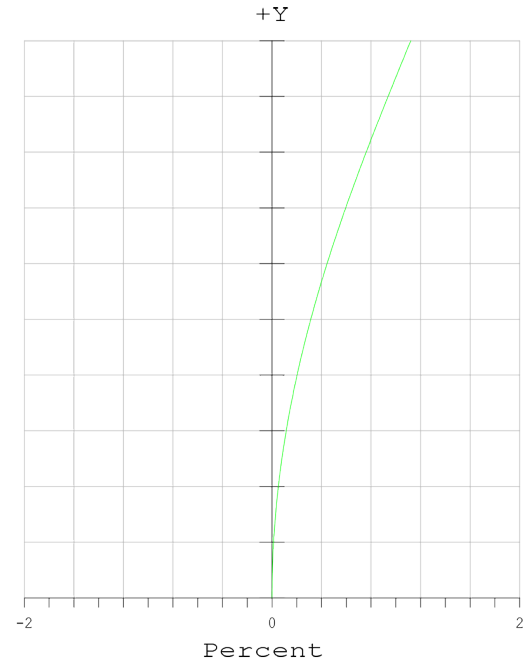
DATA SHEET



specifications

article number	S5LPJ0110
design wavelength [nm]	400 nm - 700 nm
magnification (+/-5%)	0.097
working distance [mm] (+/-2%)	307.0
object size [mm] at a chip size of [mm] distortion [%]	49.4 x 37.1 4.8 x 3.6 (1/3") 1.0
object size [mm] at a chip size of [mm] distortion [%]	65.9 x 49.4 6.4 x 4.8 (1/2") 1.2
object size [mm] at a chip size of [mm] distortion [%]	--- --- ---
max. telecentricity error [°]	0.01
numerical aperture	0.01
weight [kg]	2.7
flange back distance [mm]	17.53
accessory	S5SET0020

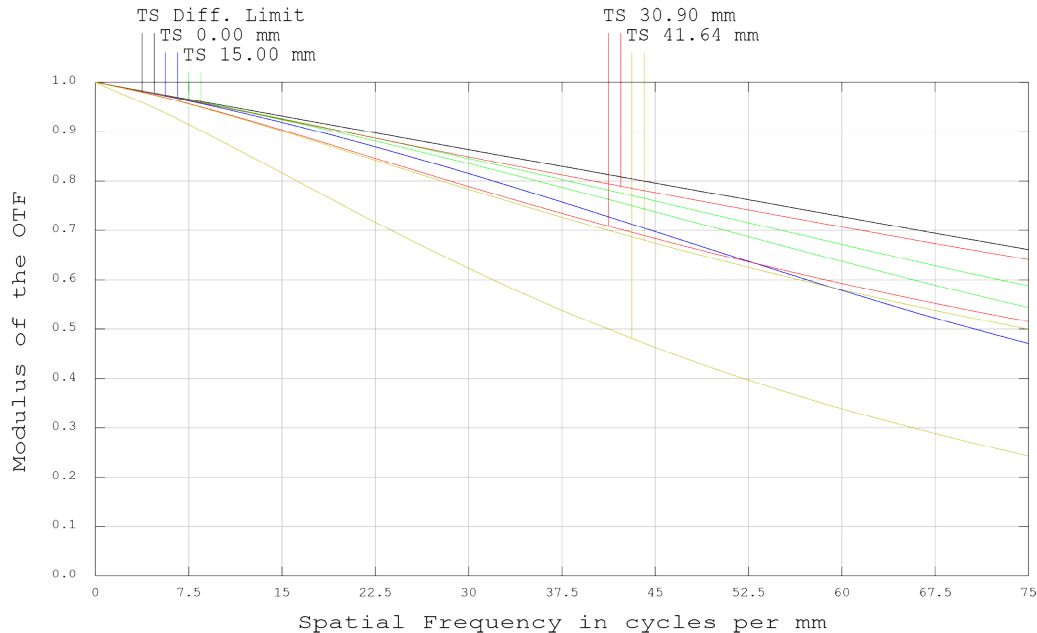
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.