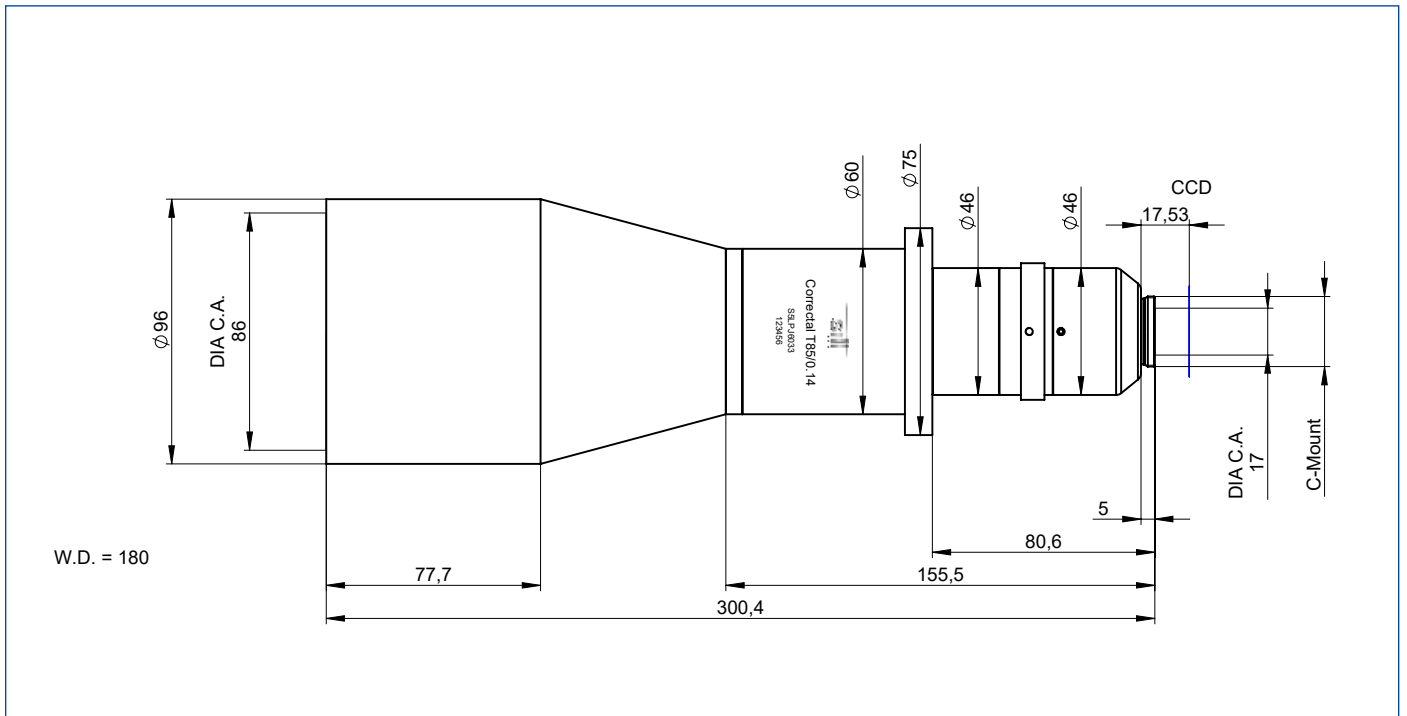


DATA SHEET



S5LPJ6033 Correctal® T85/0.14

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



outline drawing

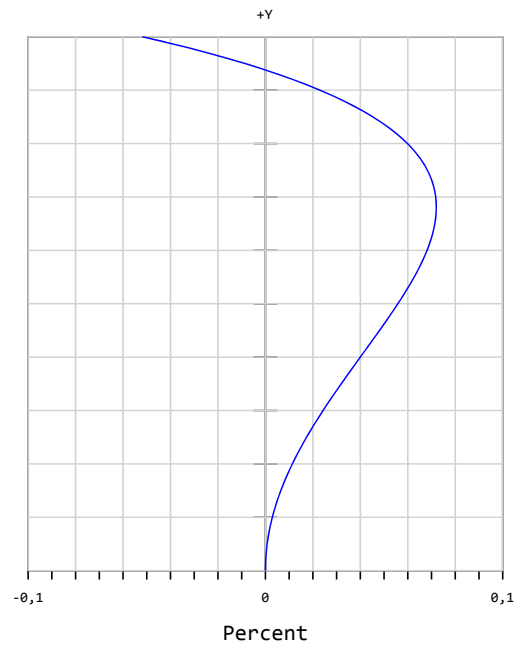
DATA SHEET



specifications

article number	S5LPJ6033
design wavelength [nm]	450-700
magnification (+/-5%)	0.145
working distance [mm] (+/-2%)	180.0
object size [mm]	33.1 x 24.8
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.06
object size [mm]	44.1 x 33.1
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.07
object size [mm]	60.6 x 45.5
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.12
max. telecentricity error [°]	<0.01
numerical aperture	0.010
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET0020, S5SET6030

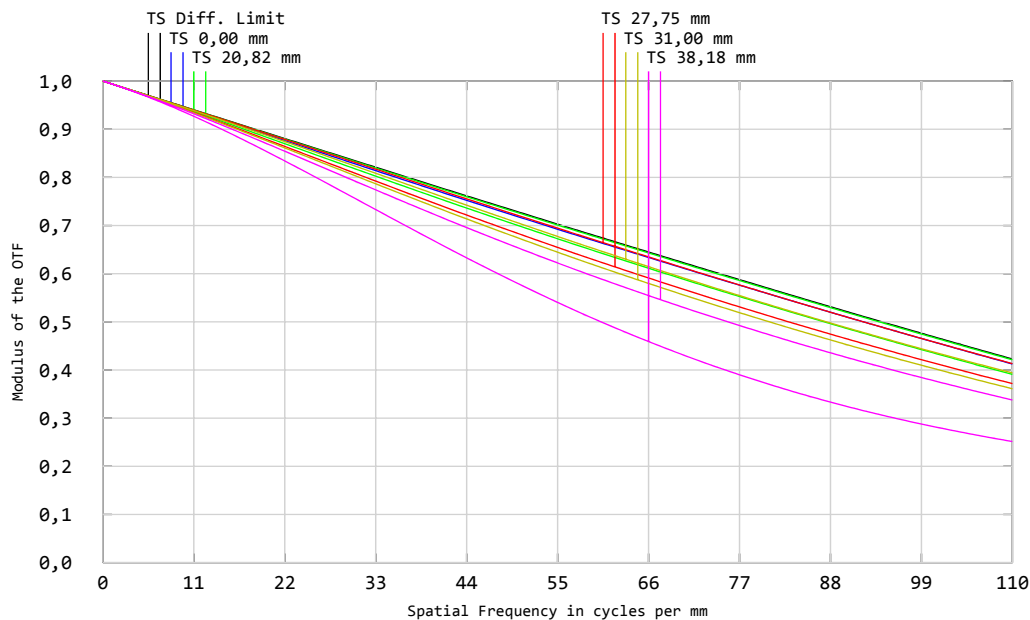
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

replacement for S5LPJ6030
graphs and data given by design.