

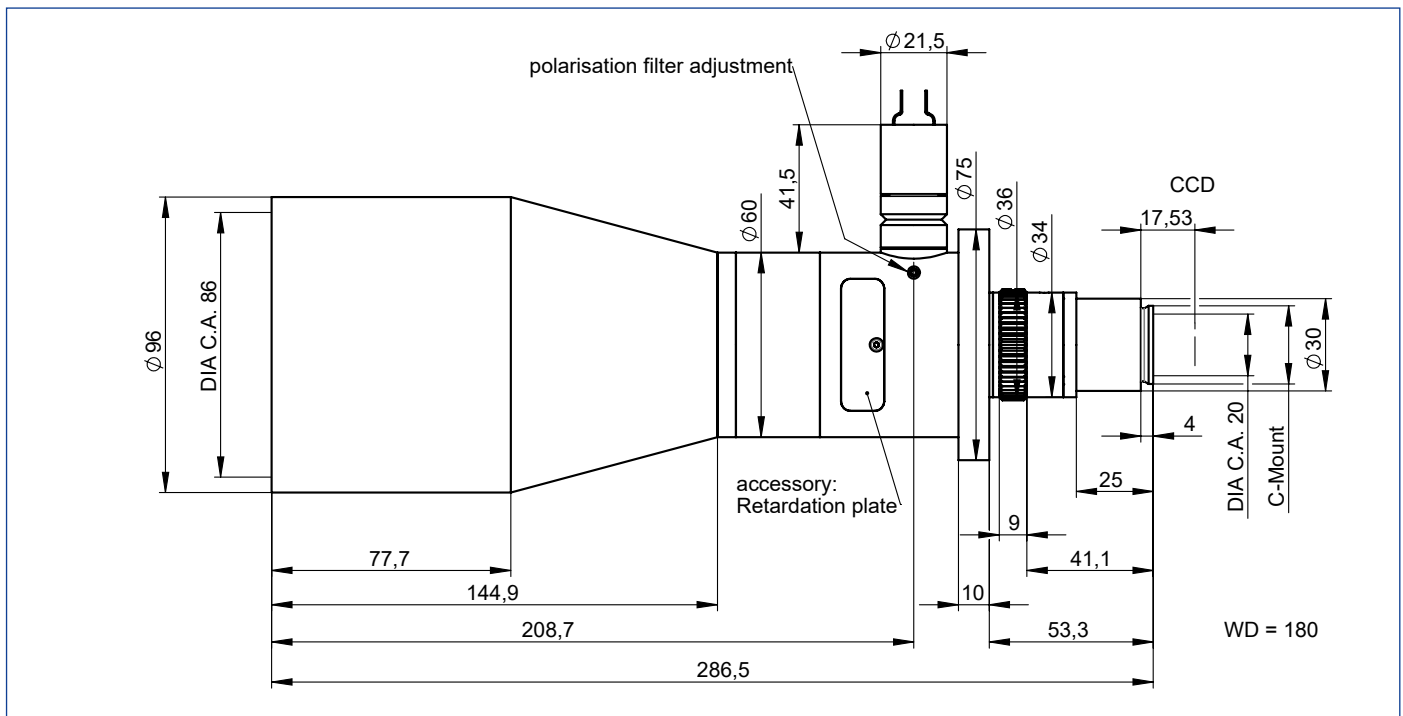
DATA SHEET



S5LPL6060/LED Correctal® TA85/0.29

- telecentric lens
- with c-mount
- with variable iris
- with integrated coaxial illumination

electrical specifications for S5LPLxxxx/LED, mechanical interface for S5LPLxxxx/CCS and optimum illumination settings for both see [product family data sheet attached](#)



outline drawing

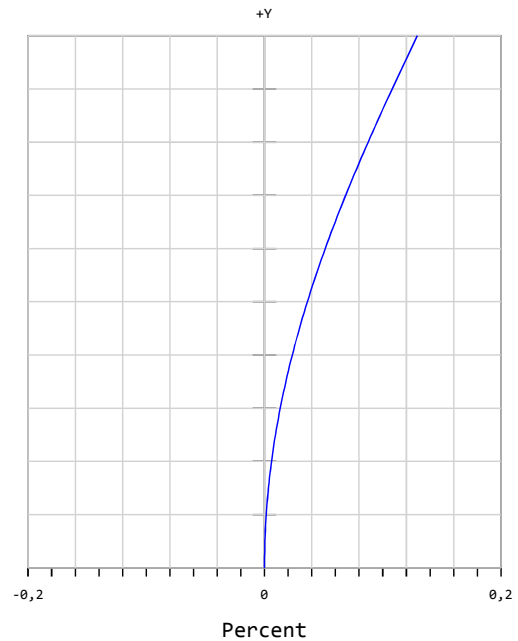
DATA SHEET



specifications

article number	SSLPL6060/LED
design wavelength [nm]	623 (+/-11)
magnification (+/-5%)	0.291
working distance [mm] (+/-2%)	180.0
object size [mm]	21.9 x 16.4
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.08
object size [mm]	24.7 x 18.2
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	0.09
object size [mm]	30.2 x 22.6
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.13
max. telecentricity error [°]	0.041
numerical aperture	0.015
weight [kg]	1.70
flange back distance [mm]	17.53
accessory	S5SET1150, S0SET9125/017, S5SET0020, S5SET6030

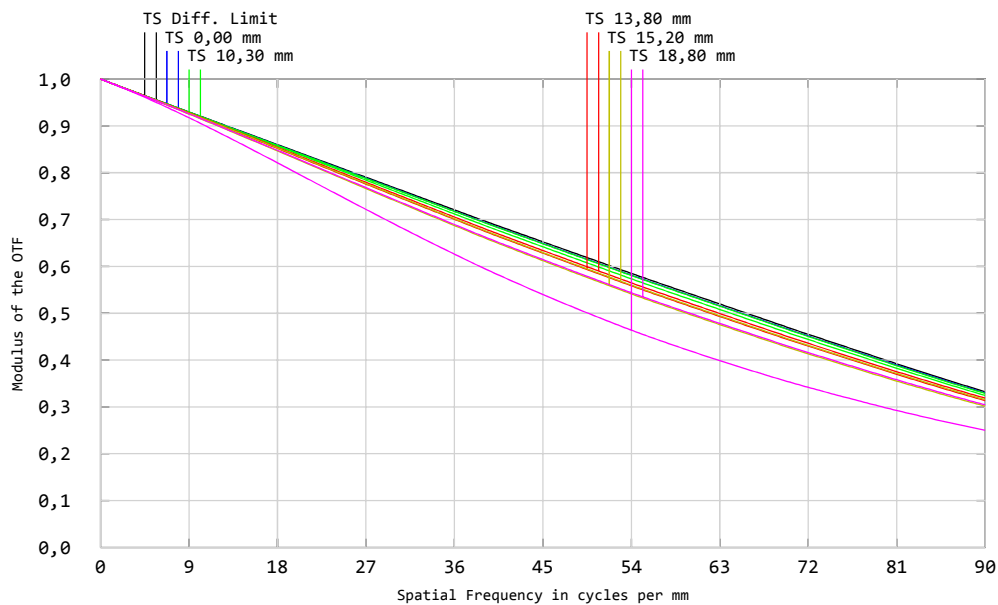
Distortion for 586 nm



x = distortion

y = max. field

MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.

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