

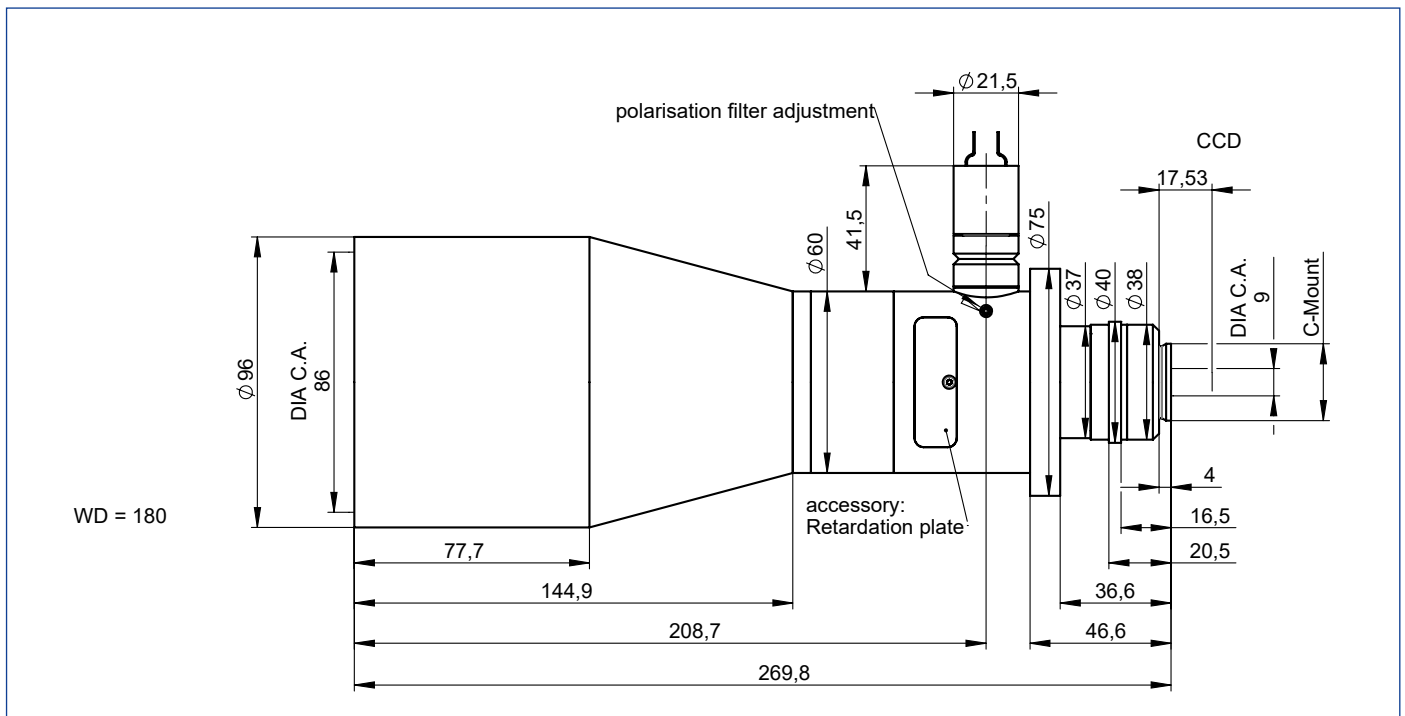
DATA SHEET



S5LPL6024/LED Correctal® TA85/0.12

- 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

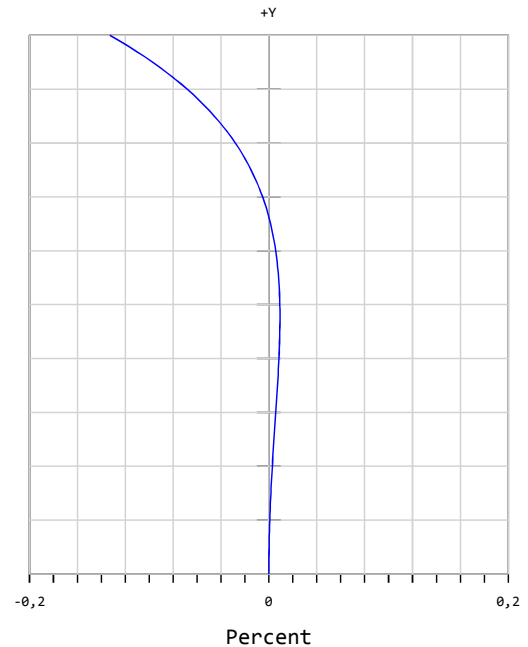
DATA SHEET



specifications

article number	S5LPL6024/LED
design wavelength [nm]	623 (+/-11)
magnification (+/-5%)	0.120
working distance [mm] (+/-2%)	180.0
object size [mm]	40 x 30
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	<0.05
object size [mm]	53.3 x 40
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.1
object size [mm]	60 x 44.1
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	0.14
max. telecentricity error [°]	< 0.01
numerical aperture	0.010
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET1150, S0SET9125/017, S5SET0020, S5SET6030

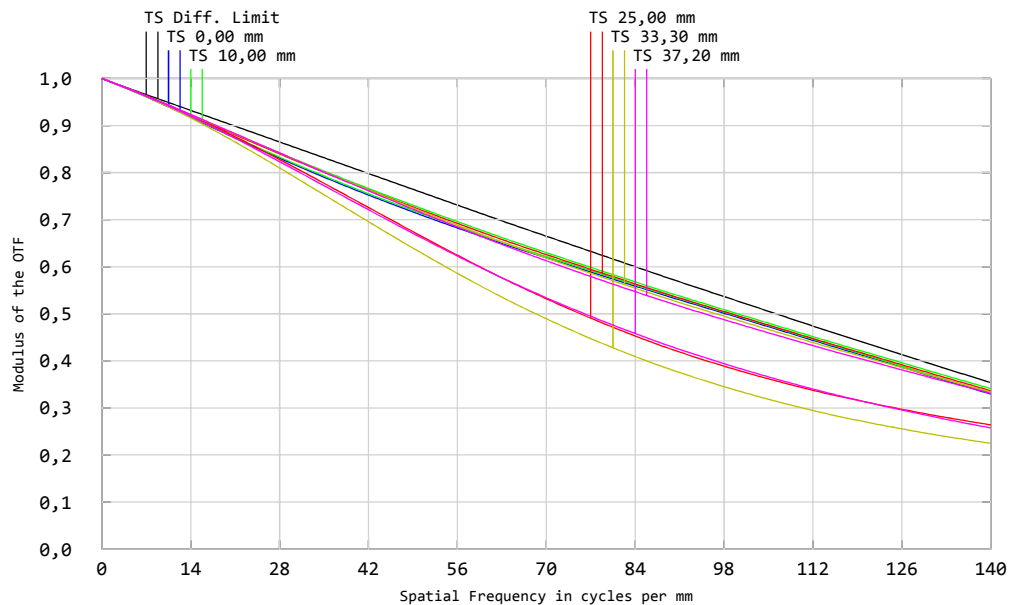
Distortion for 623 nm



x = distortion

y = max. field

MTF for various object heights at 623 nm



T. tangential

S. sagittal

replacement of S5LPL6025/LED
graphs and data given by design.

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