

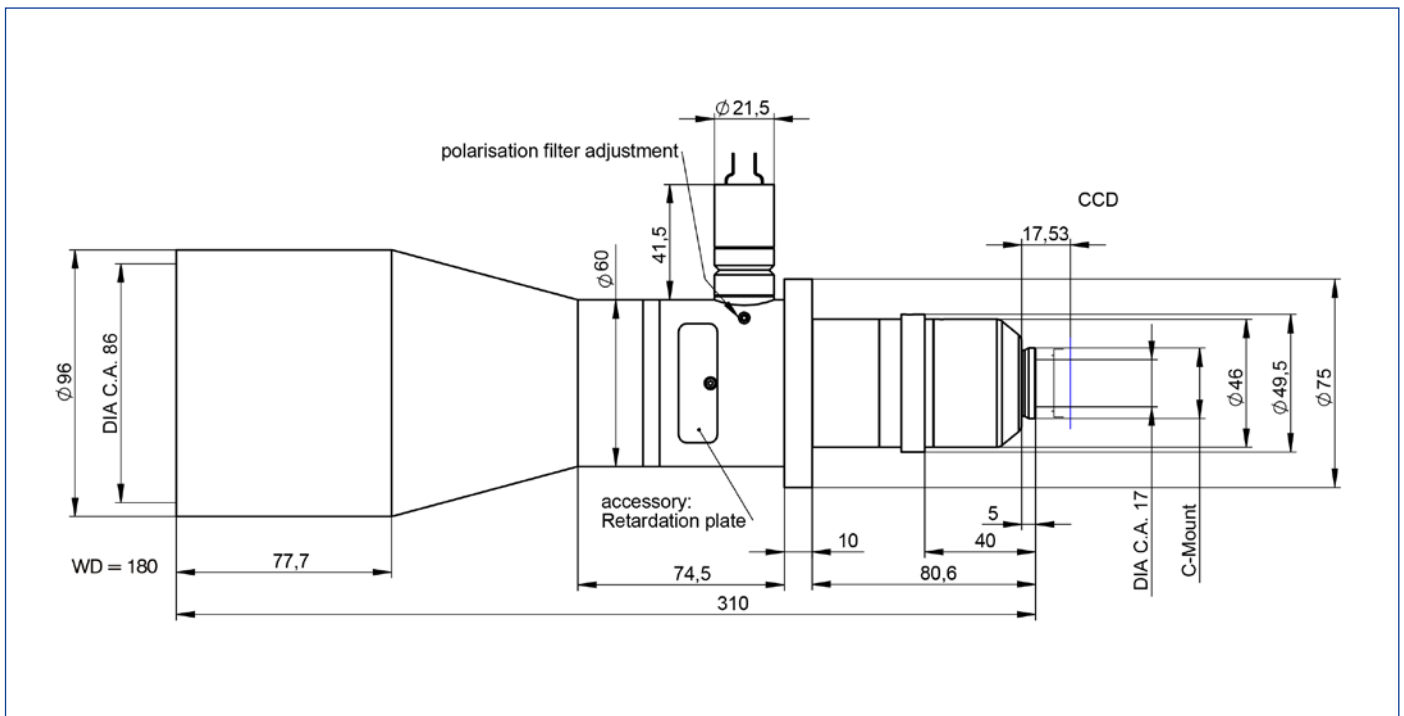
# DATA SHEET



## S5LPL6033/LED Correctal® TA85/0.14

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

electrical specifications for S5LPLxxx/LED, mechanical interface for S5LPLxxx/CCS and optimum illumination settings for both see [product family data sheet attached](#)



outline drawing

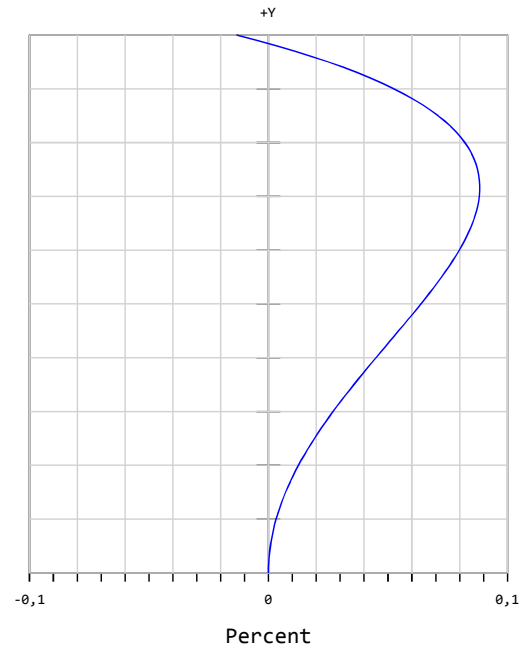
# DATA SHEET



## specifications

article number	S5LPL6033/LED
design wavelength [nm]	623 (+/-11)
magnification (+/-5%)	0.144
working distance [mm] (+/-2%)	180.0
object size [mm]	44.4 x 33.3
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.09
object size [mm]	50 x 36.8
at a chip size of [mm]	7.2 x 5.3 (1/1.8")
distortion [%]	0.09
object size [mm]	61.1 x 45.8
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.09
max. telecentricity error [°]	0.044
numerical aperture	0.010
weight [kg]	not yet weighted
flange back distance [mm]	17.53
accessory	S5SET1150, S0SET9125/017, S5SET0020, S5SET6030

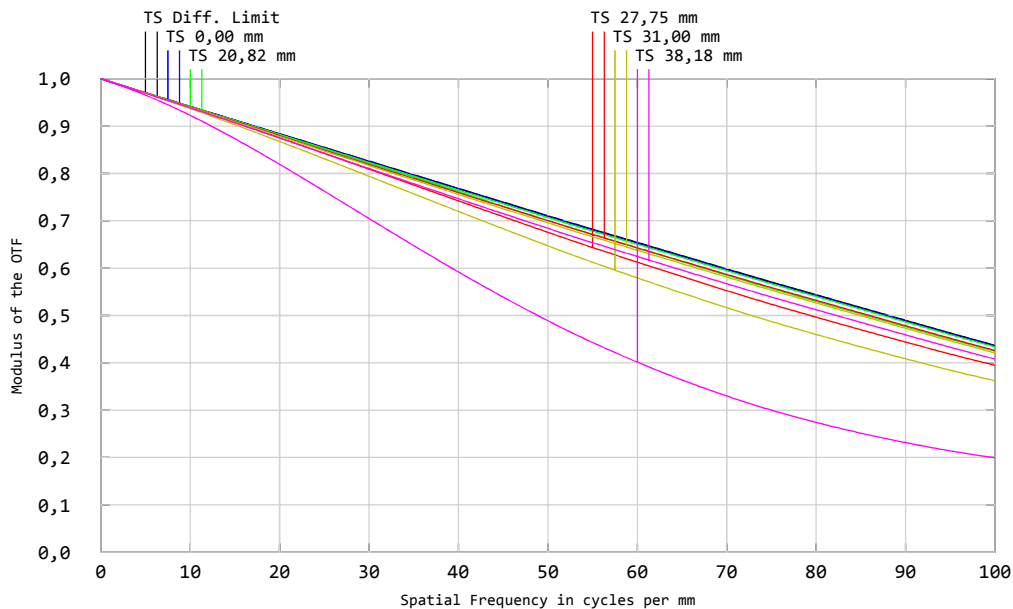
## Distortion for 623 nm



x = distortion

y = max. field

## MTF for various object heights at 623 nm



T. tangential

S. sagittal

graphs and data given by design.

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