

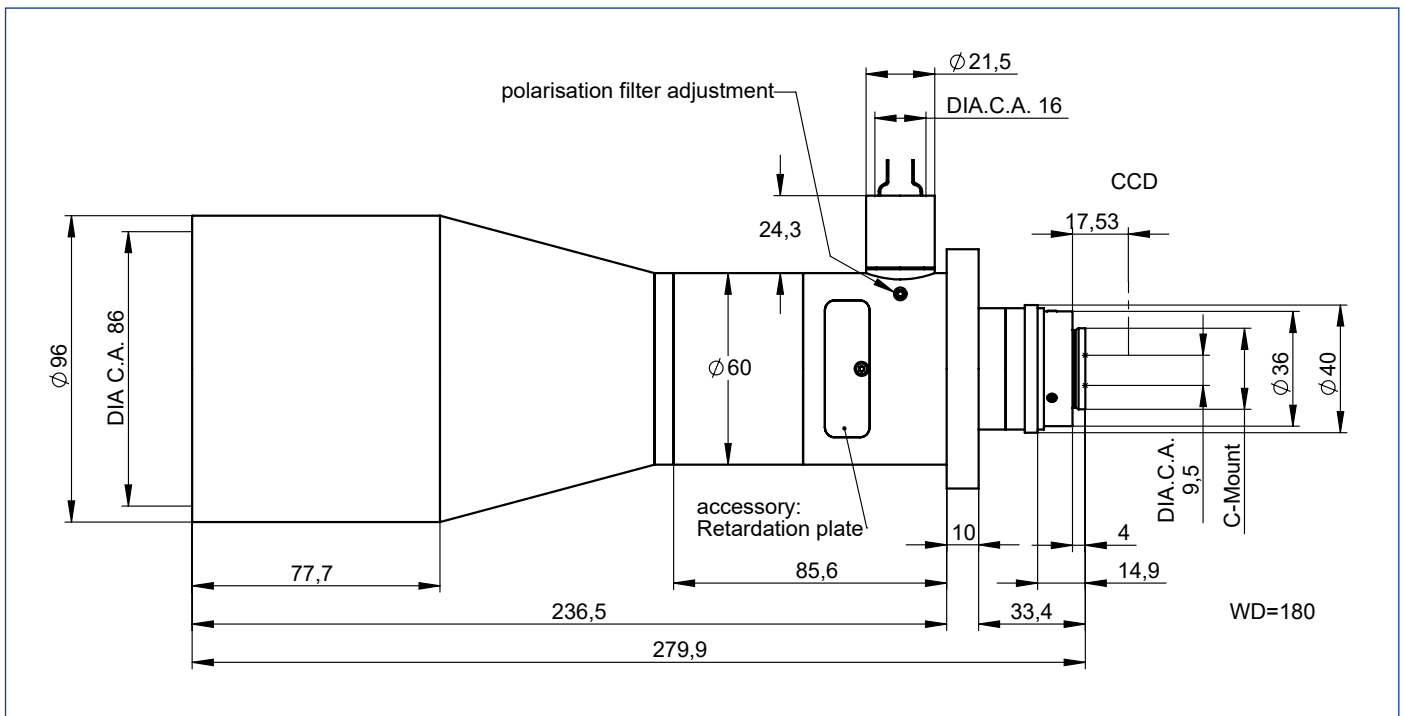
DATA SHEET



S5LPL6014/LED Correctal® TA85/0.08

- 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

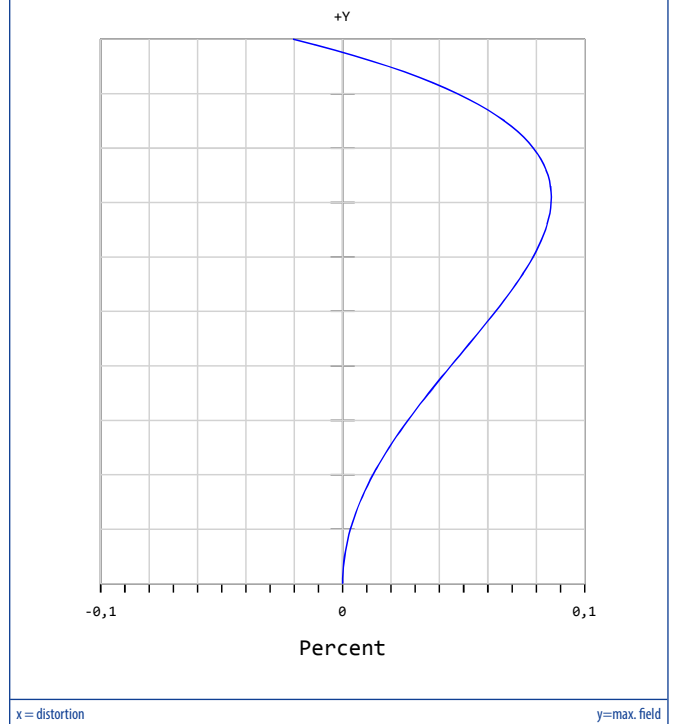
DATA SHEET



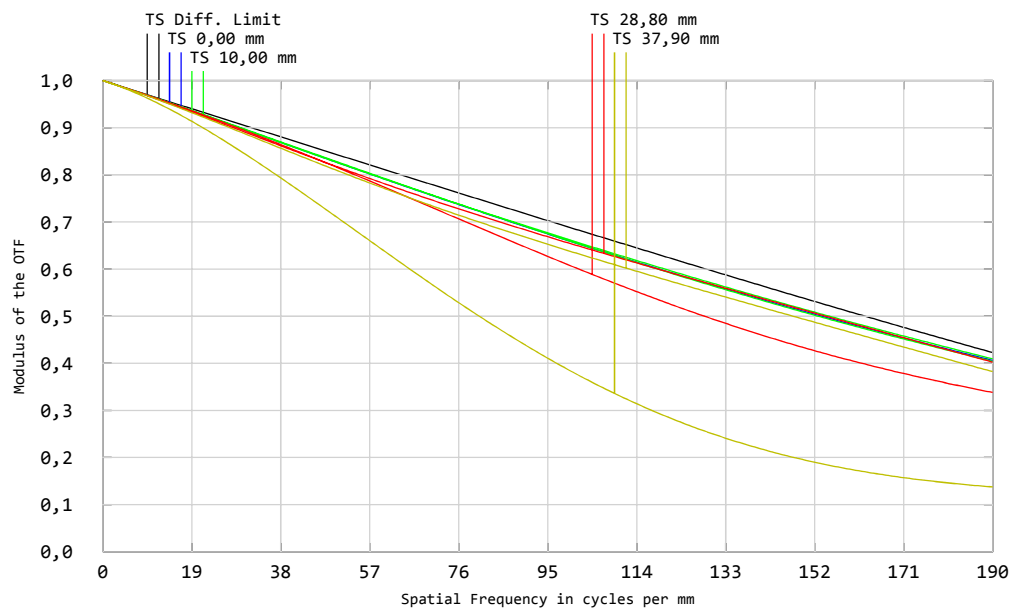
specifications

article number	S5LPL6014/LED
design wavelength [nm]	623 (+/-11)
magnification (+/-5%)	0.079
working distance [mm] (+/-2%)	180.0
object size [mm]	45.5 x 35.4
at a chip size of [mm]	3.6 x 2.8 (1/4")
distortion [%]	0.22
object size [mm]	60.7 x 45.5
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.12
object size [mm]	---
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	---
max. telecentricity error [°]	0.02
numerical aperture	0.010
weight [kg]	1.80
flange back distance [mm]	17.53
accessory	S5SET1150, S0SET9125/017, S5SET0020, S5SET6030

Distortion for 623 nm



MTF for various object heights at 623 nm



T. tangential

S. sagittal

replacement of S5LPL6016/LED
graphs and data given by design.

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