

DATA SHEET



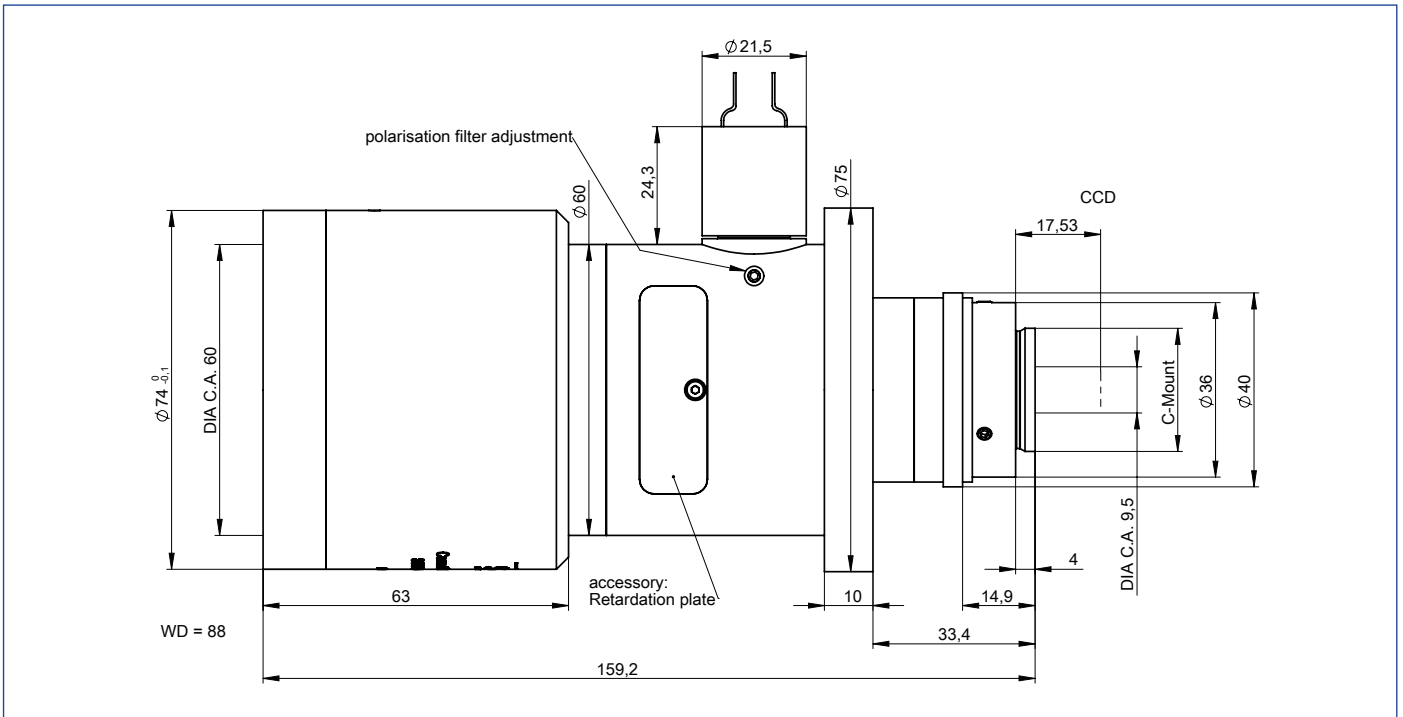
S5LPL5015/LED Correctal® TA60/0.16

- 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](#)



illustration only



outline drawing

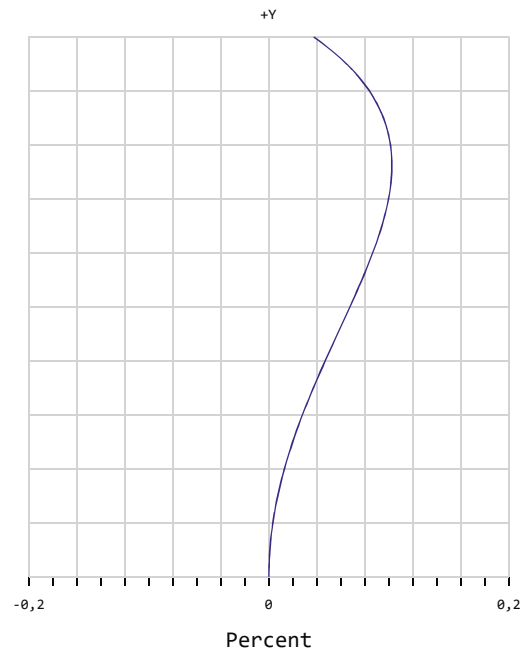
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specifications

article number	SSLPL5015/LED
design wavelength [nm]	623 (+/-11)
magnification (+/-5%)	0.150
working distance [mm] (+/-2%)	88.0
object size [mm]	21.3 x 16
at a chip size of [mm]	3.2 x 2.4 (1/4")
distortion [%]	0.07
object size [mm]	32 x 24
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.1
object size [mm]	42.6 x 32
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.1
max. telecentricity error [°]	0.09
numerical aperture	0.014
weight [kg]	not yet weighted
flange back distance [mm]	17.53
accessory	SSSET1150, SOSET9125/017, SSSET0020, SSSET5016

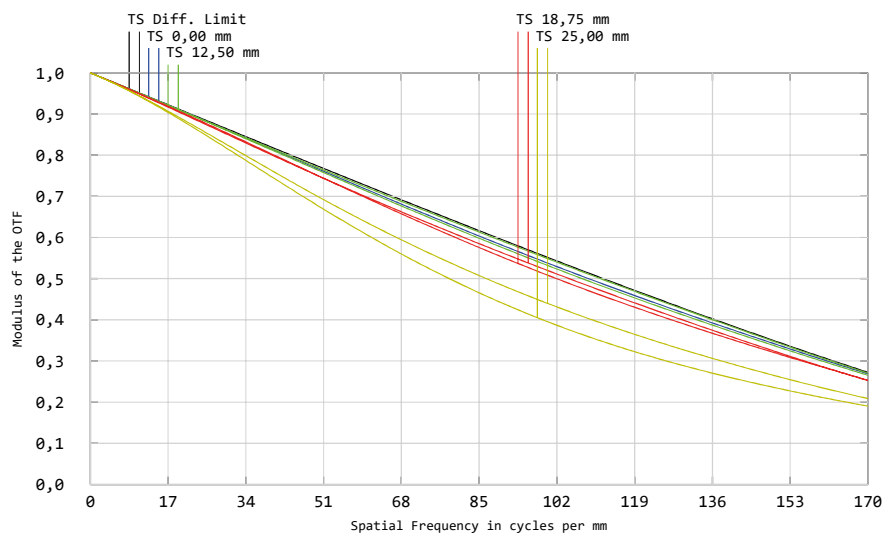
Distortion for 623 nm



x = distortion

y = max. field

MTF for various object heights at 623 nm



T. tangential

S. sagittal

glasstype obsolete - replacement in design
graphs and data given by design.

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Issue A
Published: 11.07.2019

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