

# DATA SHEET



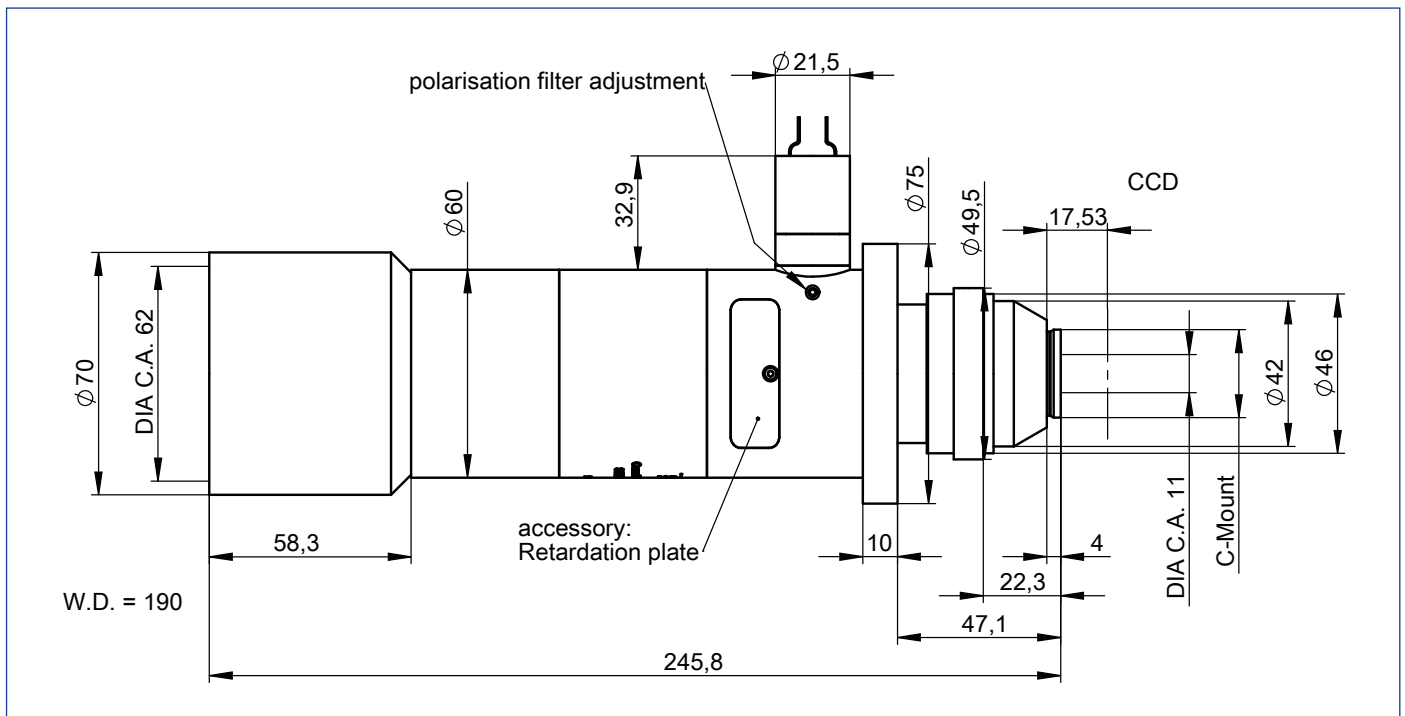
## S5LPL1224/LED Correctal® TA60/0.11

- 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](#)



illustration only



outline drawing

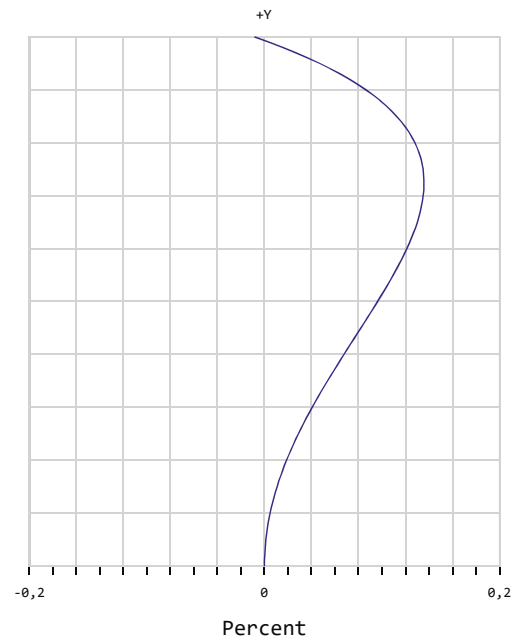
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## specifications

article number	SSLPL1224/LED
design wavelength [nm]	623 (+/-11)
magnification (+/-5%)	0.109
working distance [mm] (+/-2%)	190.0
object size [mm]	22.7 x 17.7
at a chip size of [mm]	3.6 x 2.8 (1/4")
distortion [%]	0.13
object size [mm]	30.3 x 22.7
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.14
object size [mm]	---
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	---
max. telecentricity error [°]	0.024
numerical aperture	0.010
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET1150, S0SET9125/017, S5SET0020, S5SET2204

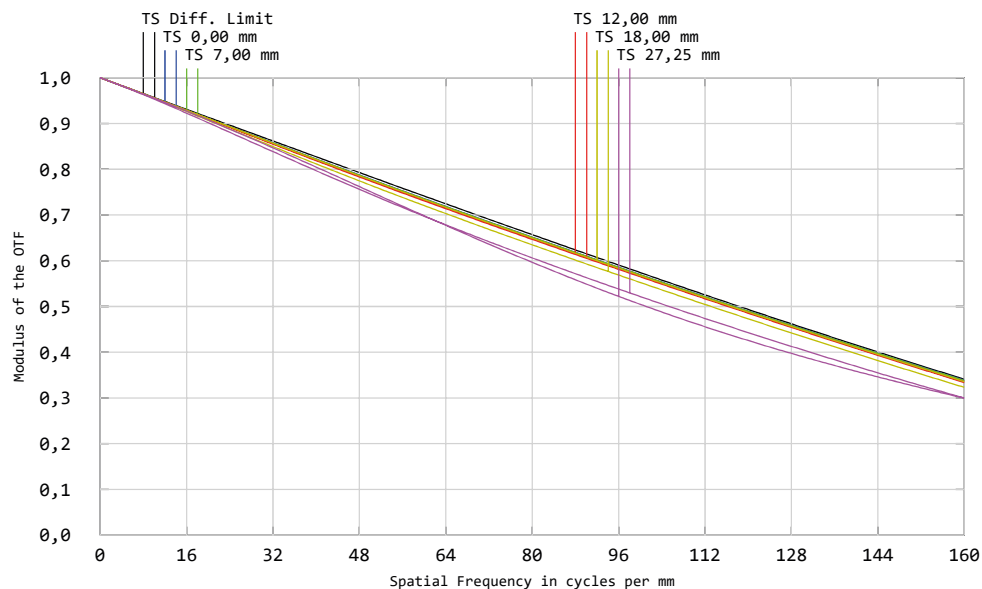
## Distortion for 623 nm



x = distortion

y = max. field

## MTF for various object heights at 623 nm



T. tangential

S. sagittal

graphs and data given by design.