

Technical drawing of the CCD camera body showing dimensions and features:

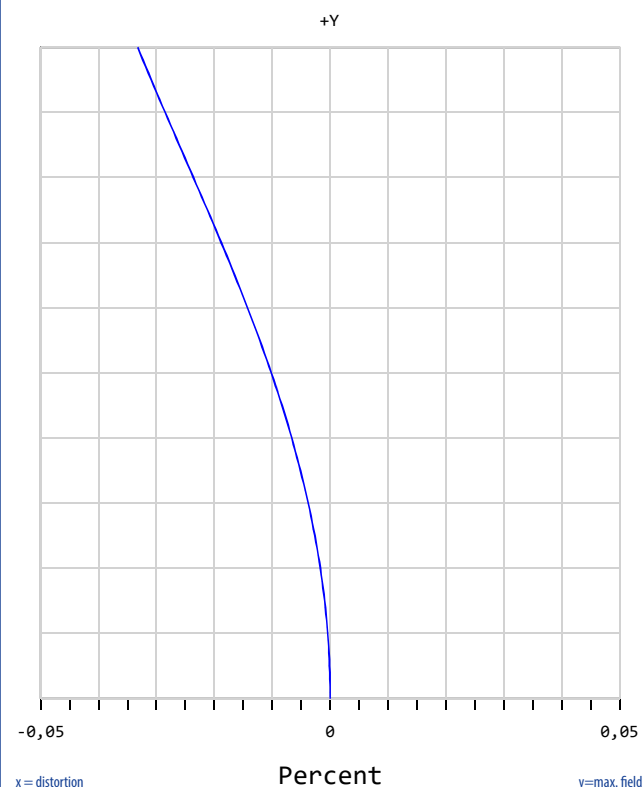
- Overall width: W. D. = 119,6
- Overall length: 193,9
- Front diameter: $\varnothing 60$
- Front diameter (C.A.): DIA. C.A. 45
- Top radius: R1
- Internal threads: 6 threads with a pitch of 21,4°
- Internal diameter: $\varnothing 45$
- Length from front face to internal thread start: 144,8
- Length from internal thread start to rear face: 113,4
- Length from front face to rear face: 162,2
- Rear face diameter: $\varnothing 37$
- Rear face diameter (C.A.): DIA. C.A. 17
- Mounting flange diameter: C-Mount $\varnothing 37$
- Mounting flange thickness: 4
- Mounting flange offset: 10,5
- CCD sensor size: CCD 17,53



specifications

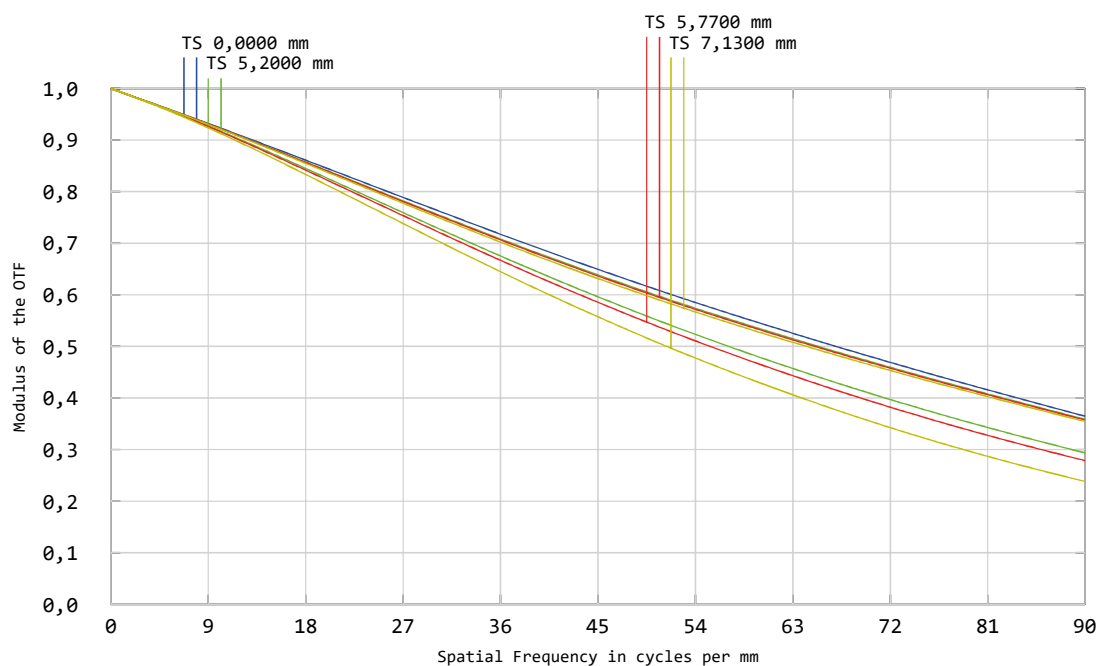
article number	S5LPJ3208
wavelength range [nm]	450 - 700
design wavelength [nm]	586
magnification (+/-5%)	0.770
working distance [mm] (+/-2%)	119.5
object size [mm] at a chip size of [mm]	6.2 x 8.3 4.8 x 6.4 (1/2")
object size [mm] at a chip size of [mm]	6.9 x 9.4 5.3 x 7.2 (1/1.8")
object size [mm] at a chip size of [mm]	8.6 x 11.4 6.6 x 8.8 (2/3")
max. telecentricity error [°]	< 0.01
recommended numerical aperture	0.040
max. distortion [%]	< 0.03
weight [kg]	0.7
flange back distance [mm]	17.53
accessory	S5SET2060

Distortion for 586 nm



notes

MTF for various object heights at 586 nm



T.. tangential

S.. sagittal

graphs and data given by design.