

DATA SHEET

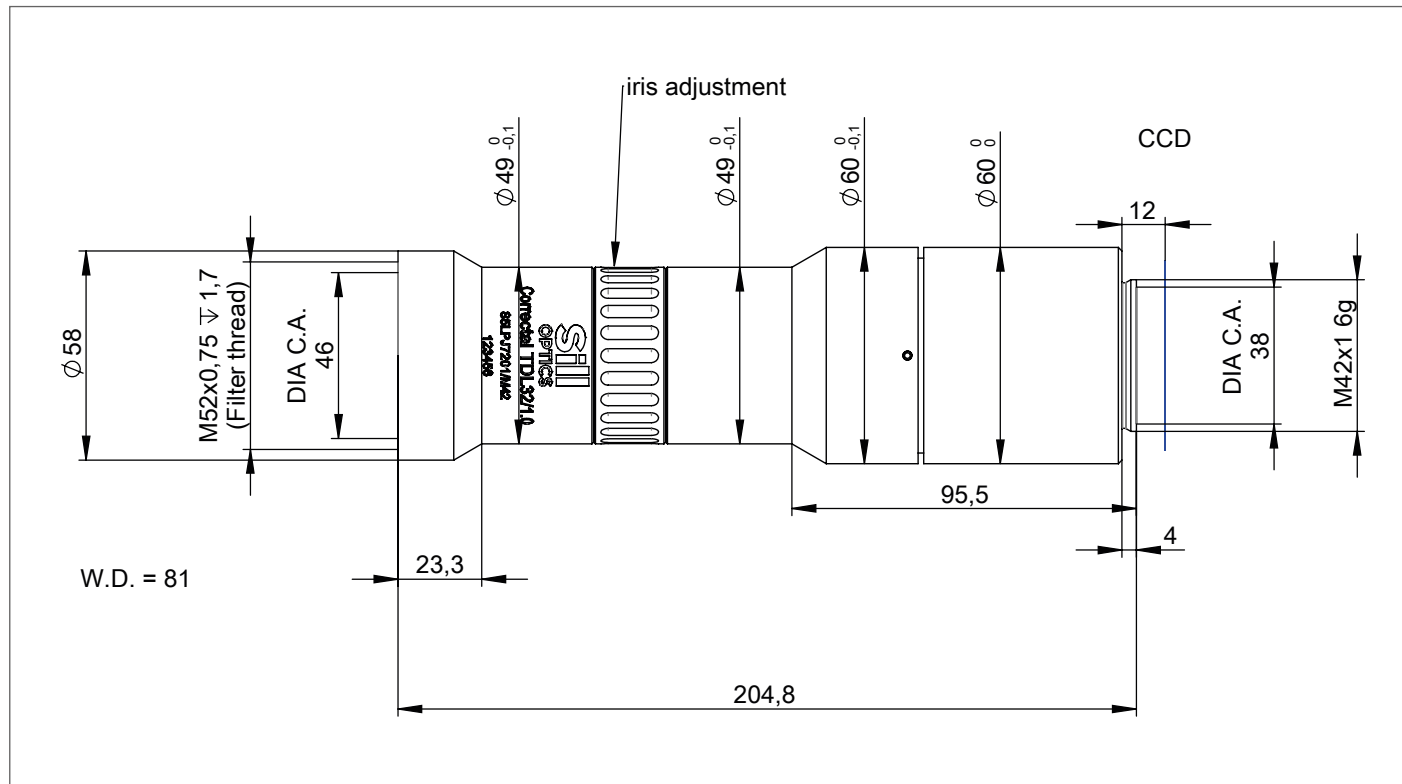
S5LPJ7201-M42 TELEC. IMAGING LENS TDL32/1.0

- ▶ STANDARD TELECENTRIC LENSES
- ▶ BI-TELECENTRIC
- ▶ WITH M42X1
- ▶ VARIABLE IRIS (MANUAL)



ILLUSTRATION ONLY - THE COLOR OF THE LENSES CAN DIFFER

OUTLINE DRAWING



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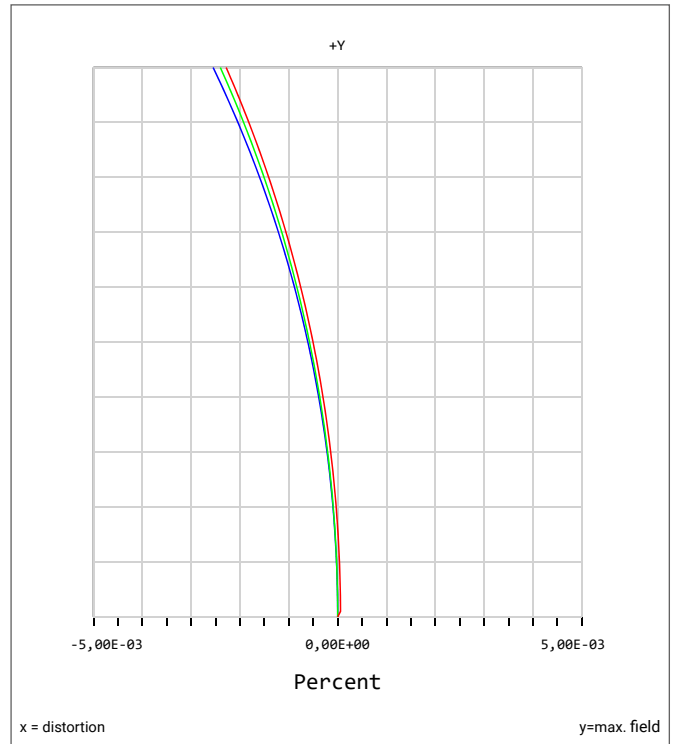
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SPECIFICATIONS

article number	S5LPJ7201-M42
wavelength range [nm]	450 - 700
design wavelength [nm]	450 - 700
magnification (+/-5%)	1.00
working distance [mm] (+/-2%)	81.00
object size [mm] at a chip size of [mm]	19.2 x 14.4 19.2 x 14.4 (1.5")
object size [mm] at a chip size of [mm]	19.9 x 19.9 19.9 x 19.9 (28.2)
object size [mm] at a chip size of [mm]	23.0 x 23.0 23.0 x 23.0 (32.6)
max. telecentricity error [°]	0.08
recommended numerical aperture	0.070
max. distortion [%]	< 0.01
weight [kg]	0.75
flange back distance [mm]	12.00
accessory	C-Mount adapter S5MEC0798

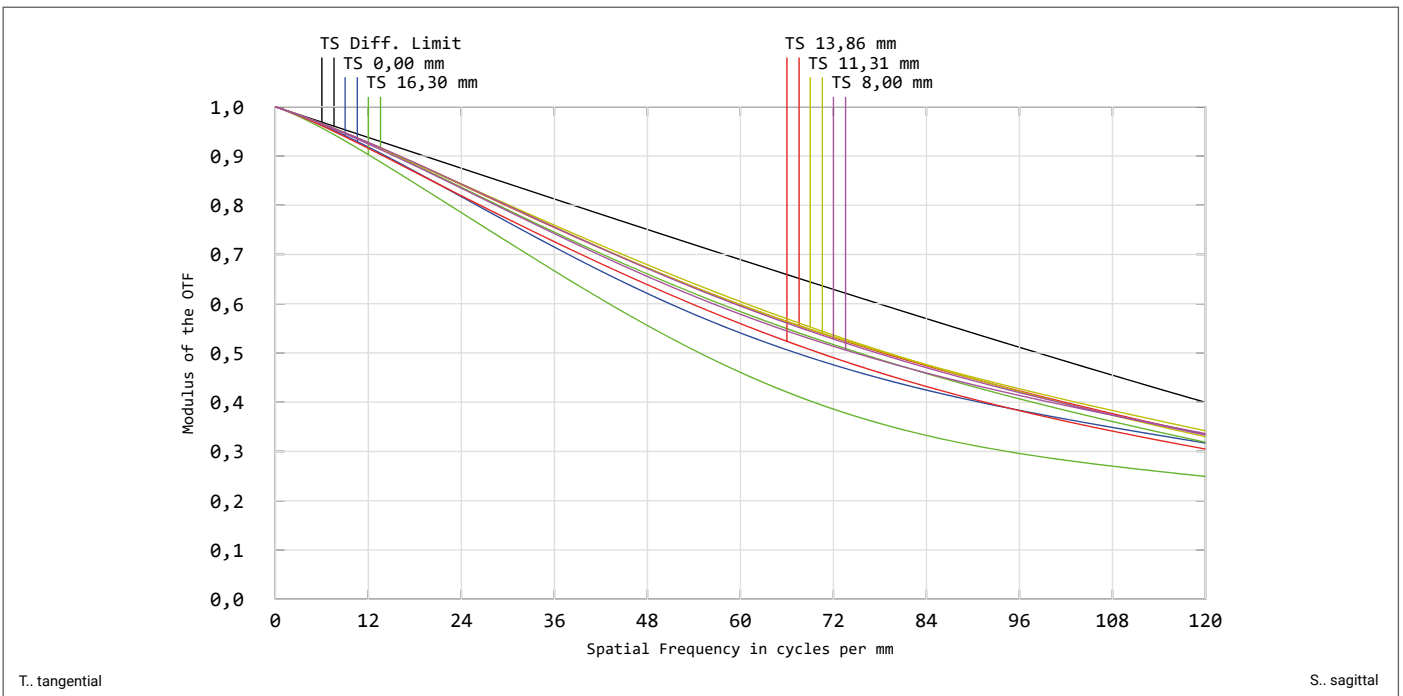
DISTORTION FOR 450 - 700 nm



REMARKS

useable for wavelength band 800-900 nm with working distance 81.6 mm

MTF FOR VARIOUS OBJECT HEIGHTS AT 450 - 700 nm



GRAPHS AND DATA GIVEN BY DESIGN

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