

# DATA SHEET

## S5LPJ7201

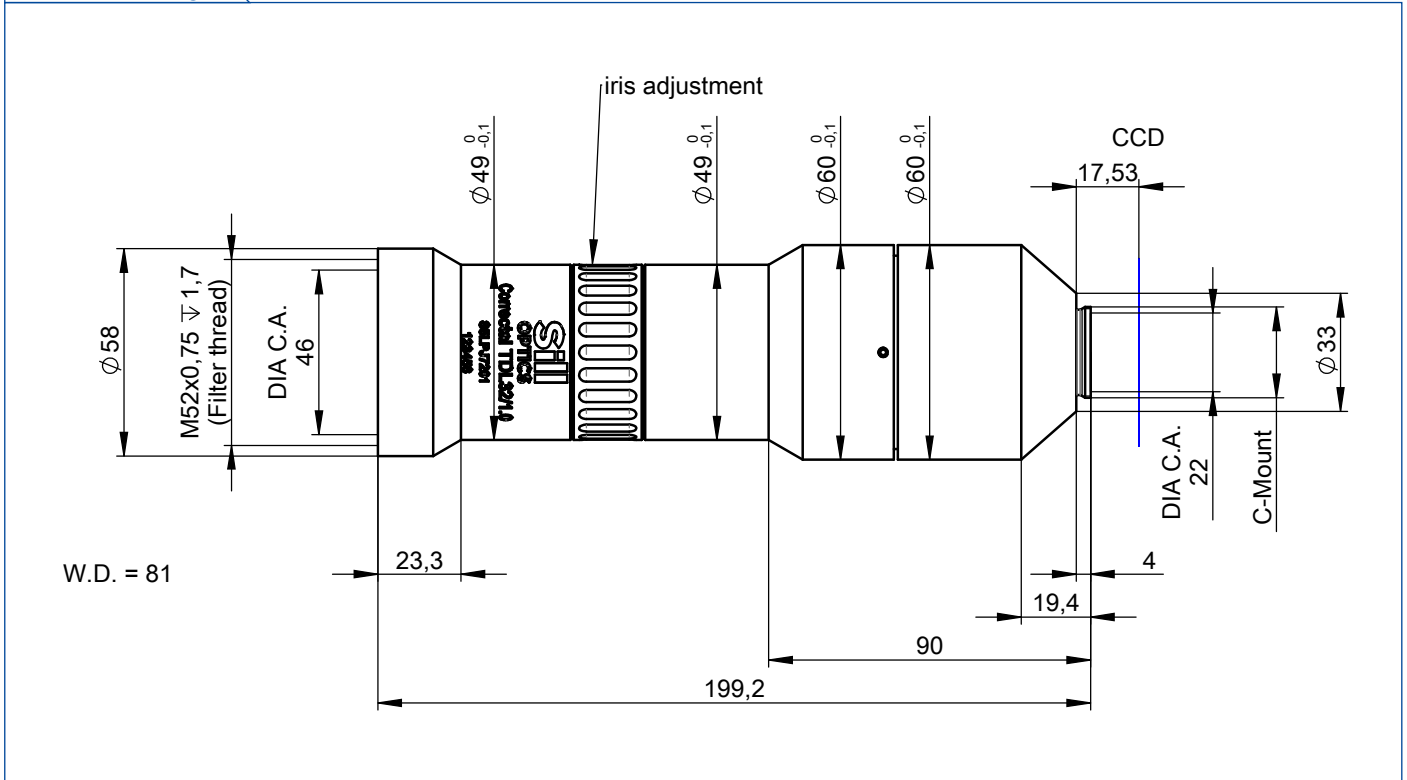
### Correctal TDL32/1.0 C-Mount

- standard telecentric lenses
- bi-telecentric
- with C-Mount
- variable iris (manual)



illustration only

#### outline drawing

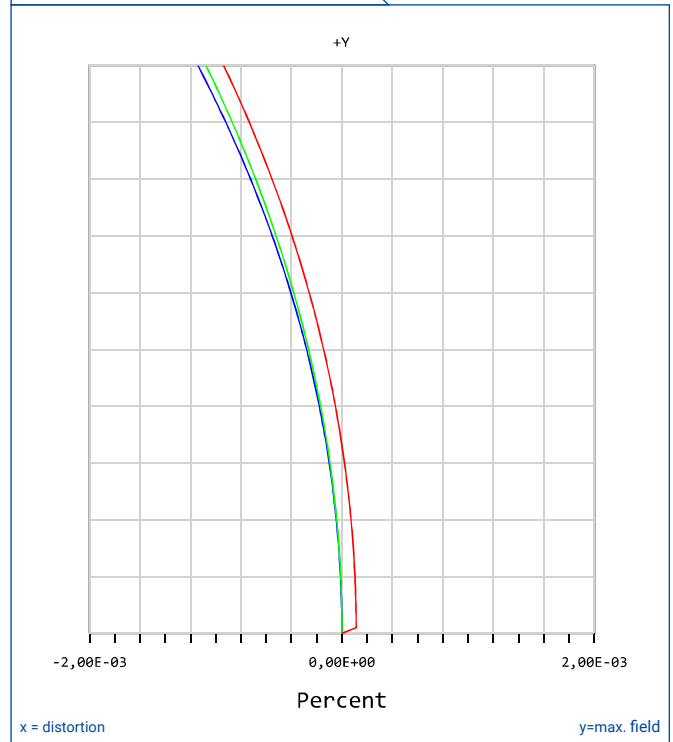


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## specifications

article number	S5LPJ7201
wavelength range [nm]	450 - 700
design wavelength [nm]	450 - 700
magnification (+/-5%)	1.000
working distance [mm] (+/-2%)	81.0
object size [mm] at a chip size of [mm]	14.1 x 10.6 14.1 x 10.6 (1.1")
object size [mm] at a chip size of [mm]	15.4 x 11.5 15.4 x 11.5 (1.2")
object size [mm] at a chip size of [mm]	17.1 x 12.9 17.1 x 12.9 (1.25")
max. telecentricity error [°]	0.08
recommended numerical aperture	0.070
max. distortion [%]	< 0.02
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	--

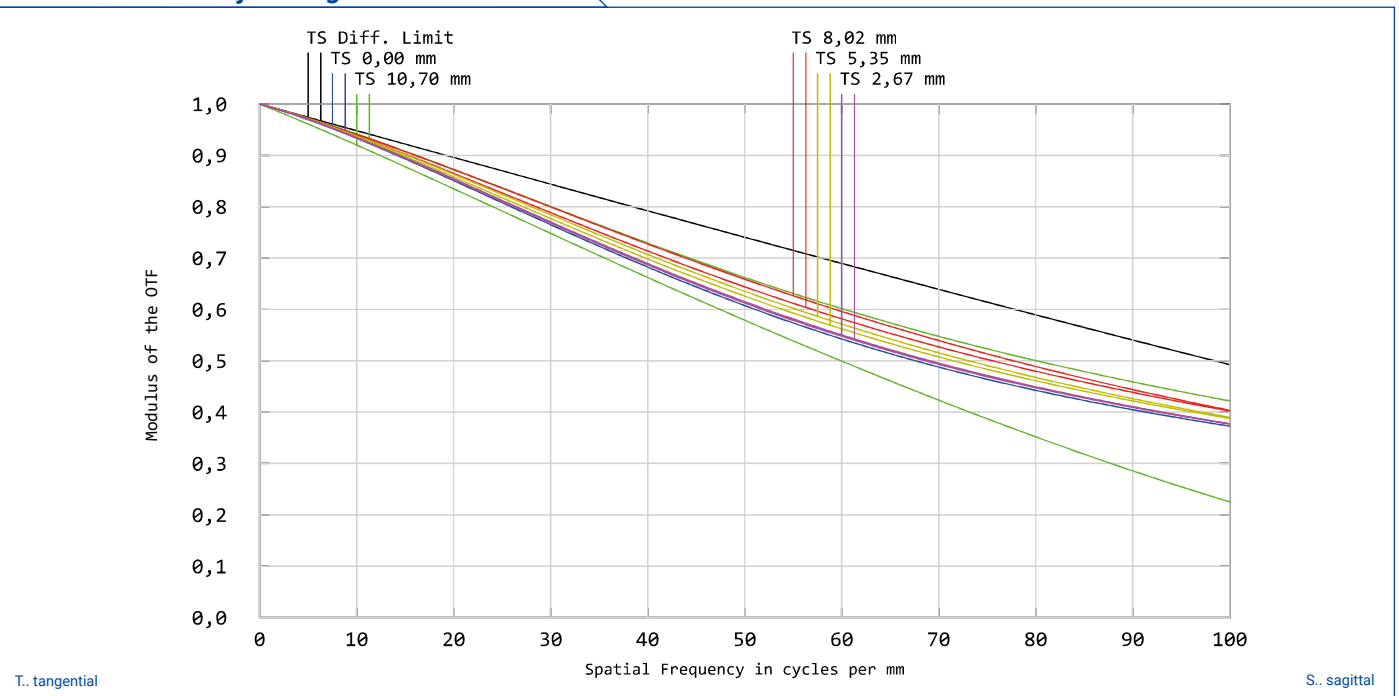
## Distortion for 450 - 700 nm



## 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