

# DATA SHEET

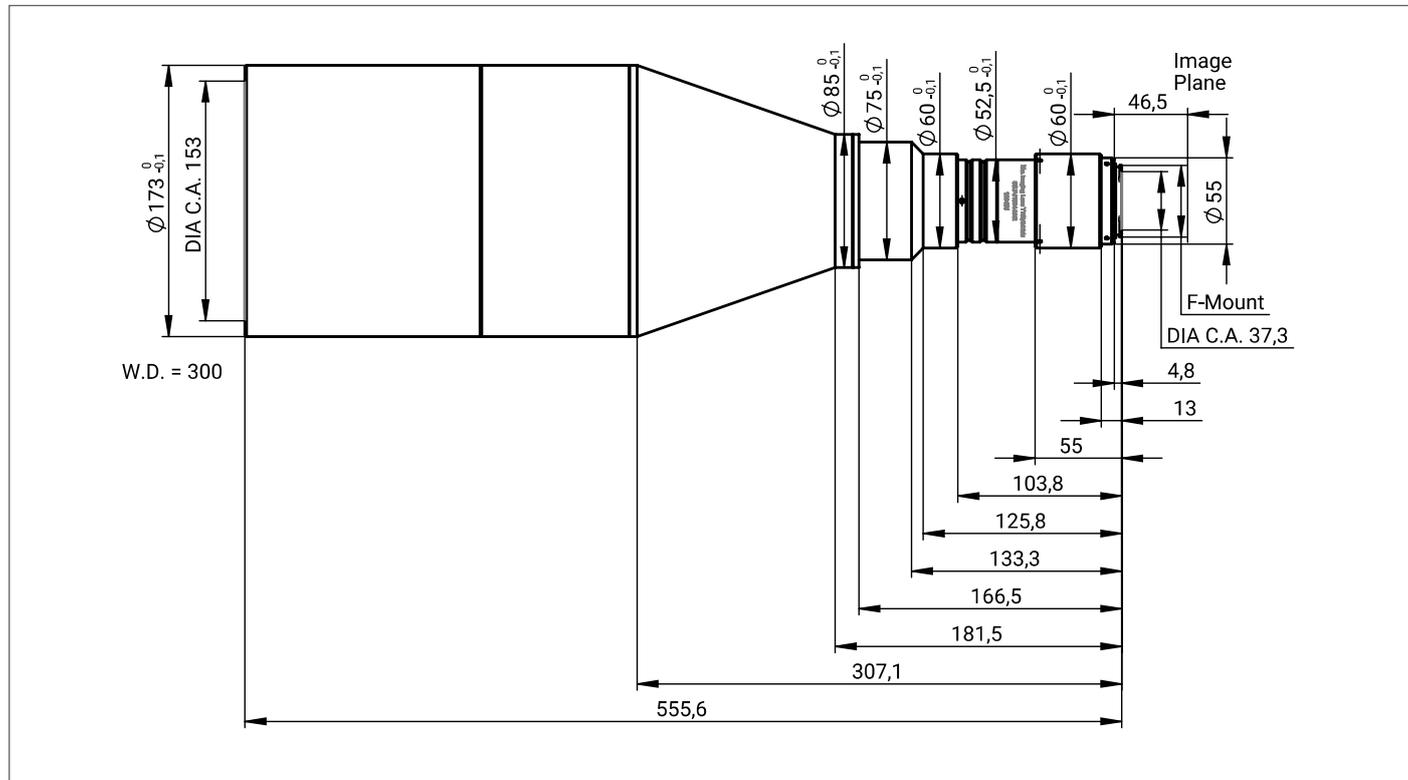
## S5LPJ1894-FMO TELEC. IMAGING LENS T150/O.2 COLOR

- ▶ STANDARD TELECENTRIC LENSES
- ▶ OBJECT-SIDED TELECENTRIC
- ▶ WITH F-MOUNT
- ▶ VARIABLE IRIS (MANUAL)



ILLUSTRATION ONLY - THE COLOR OF THE LENSES CAN DIFFER

### OUTLINE DRAWING



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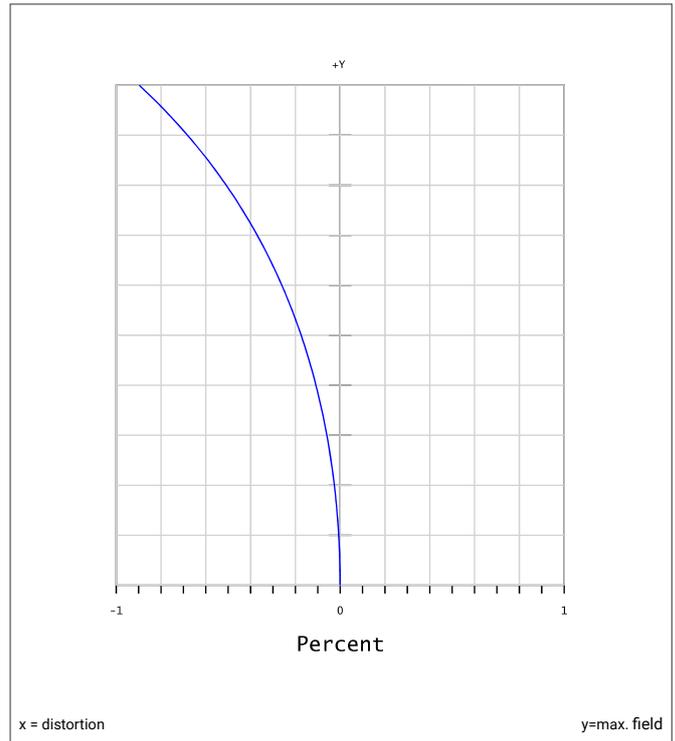
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## SPECIFICATIONS

article number	S5LPJ1894-FMO
wavelength range [nm]	400 - 900
design wavelength [nm]	450 - 700
magnification (+/-5%)	0.20
working distance [mm] (+/-2%)	300.00
object size [mm] at a chip size of [mm]	85.5 x 64.5 17.1 x 12.9 (1.25")
object size [mm] at a chip size of [mm]	96.0 x 72.0 19.2 x 14.4 (1.5")
object size [mm] at a chip size of [mm]	99.5 x 99.5 19.9 x 19.9 (28.2)
max. telecentricity error [°]	0.011
recommended numerical aperture	0.013
max. distortion [%]	0.90
weight [kg]	not yet weighed
flange back distance [mm]	46.50
accessory	S5SET0020 (mount)

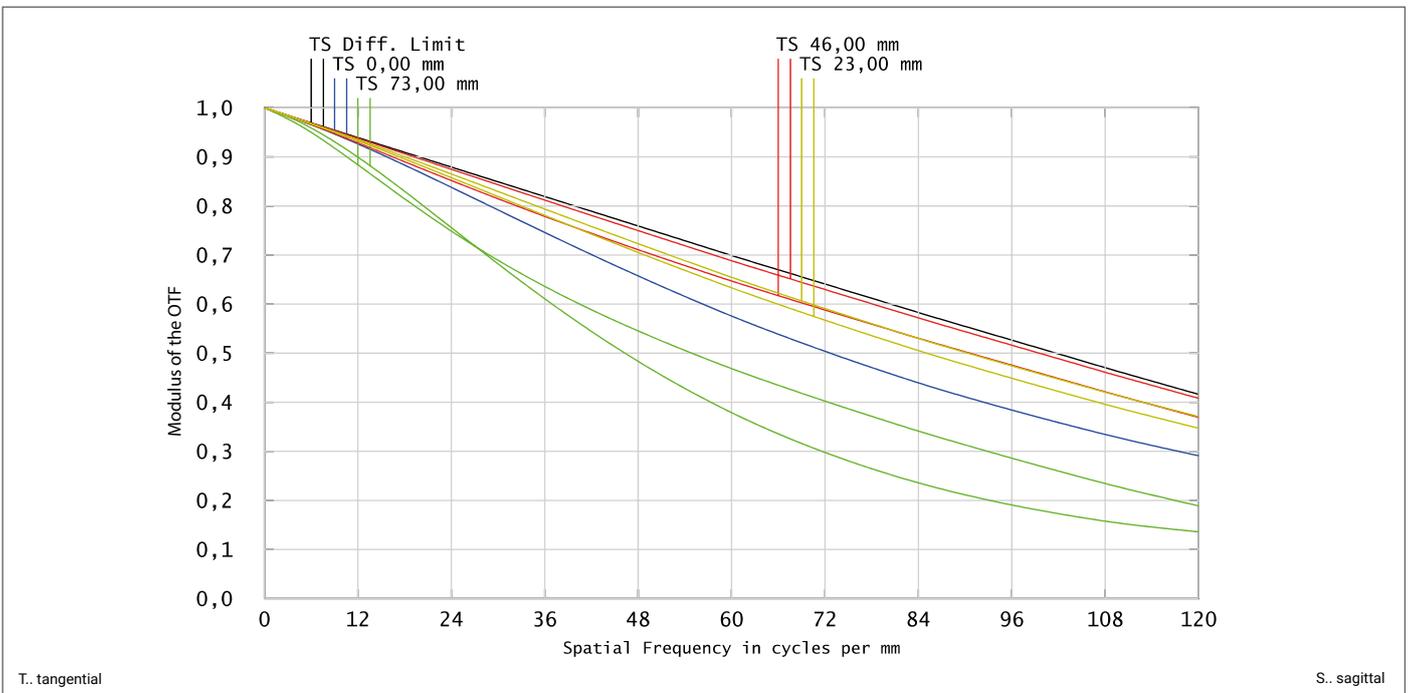
## DISTORTION FOR 486 nm



## REMARKS

useable for wavelength band 800-900 nm with working distance 312 mm

## MTF FOR VARIOUS OBJECT HEIGHTS AT 486 nm



## GRAPHS AND DATA GIVEN BY DESIGN

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