

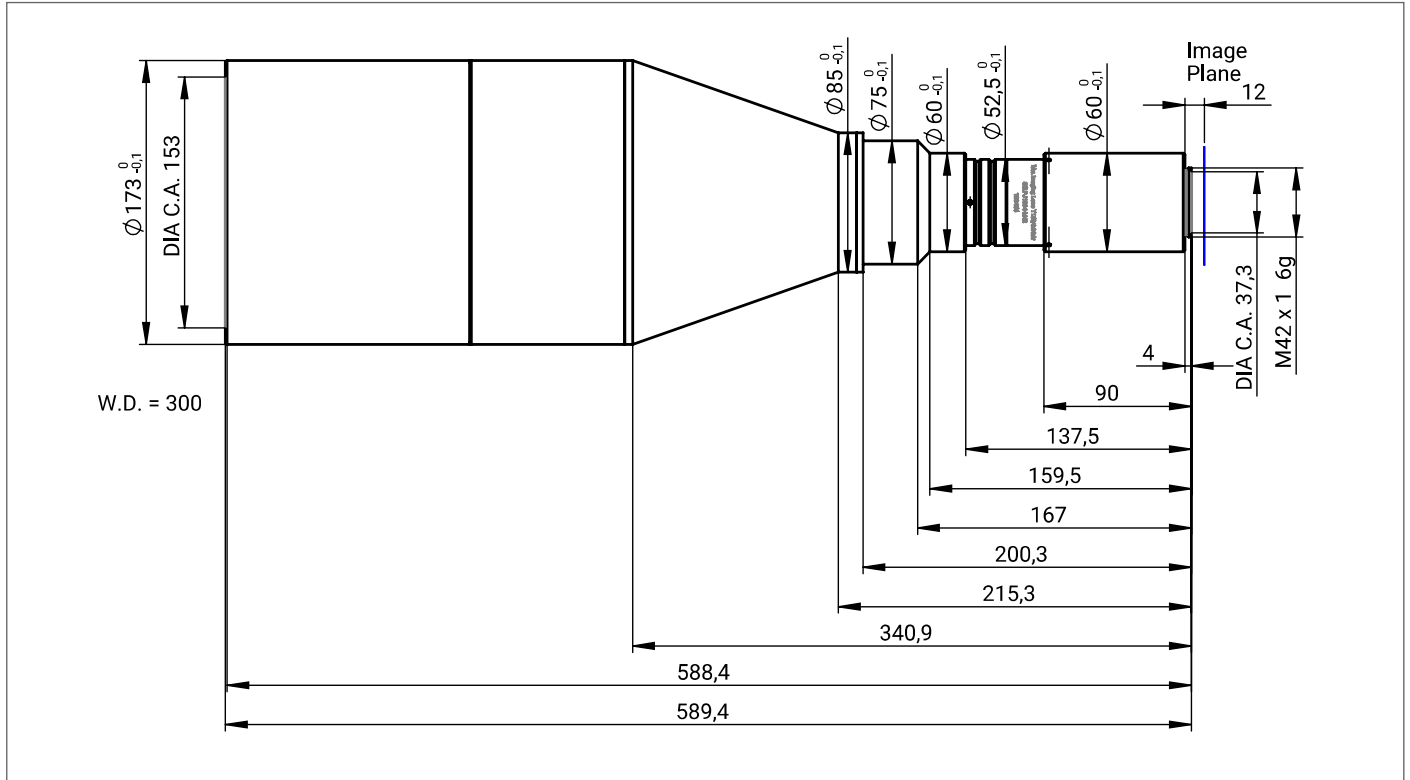
S5LPJ1894-M42 TELEC. IMAGING LENS T150/O.2 COLOR

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



ILLUSTRATION ONLY - THE COLOR OF THE LENSES CAN DIFFER

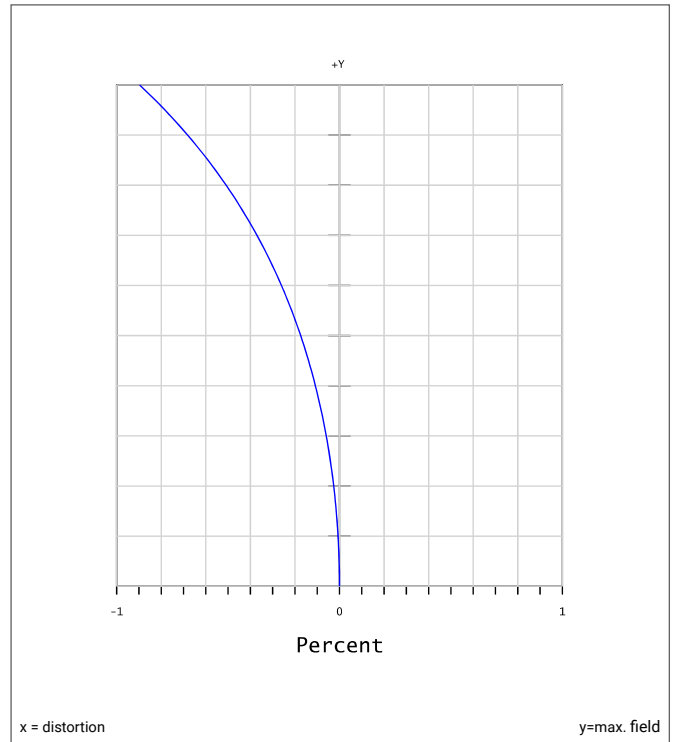
OUTLINE DRAWING



SPECIFICATIONS

article number	S5LPJ1894-M42
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]	12.00
accessory	S5SET0020 (mount)

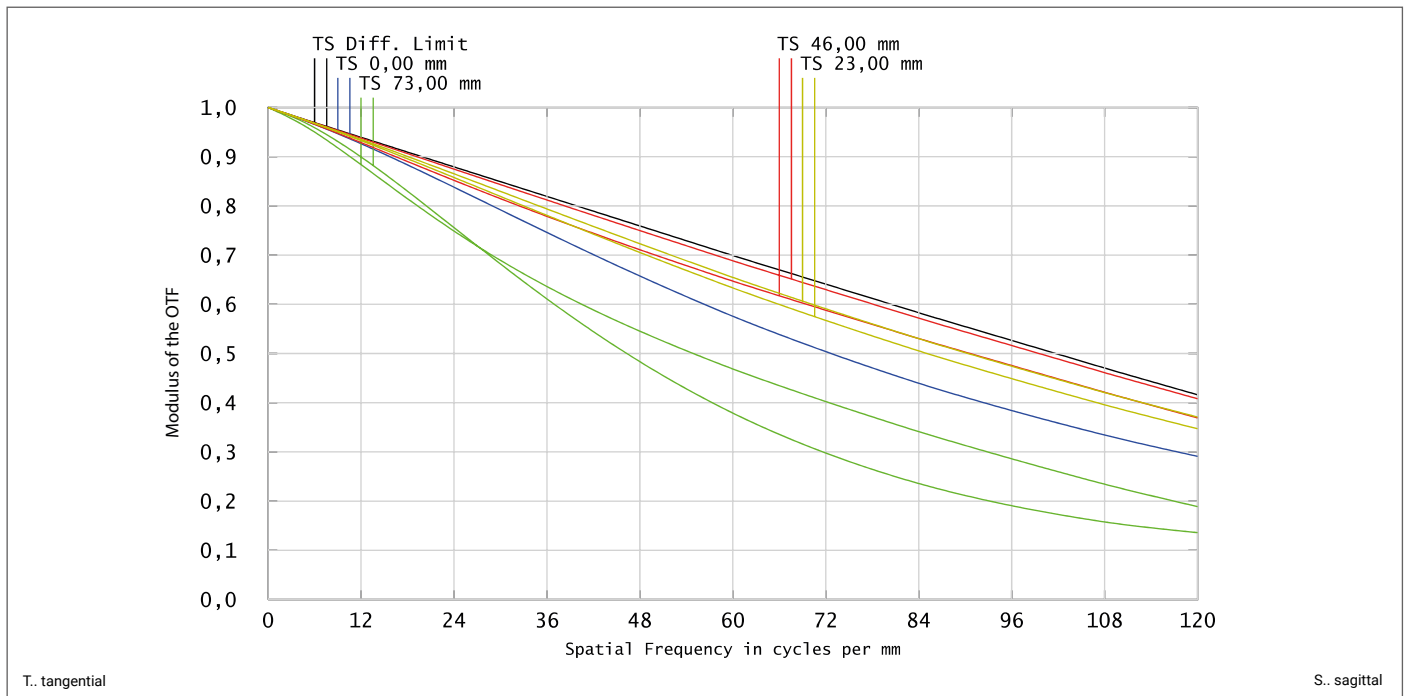
DISTORTION FOR 486 nm



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