

# DATA SHEET

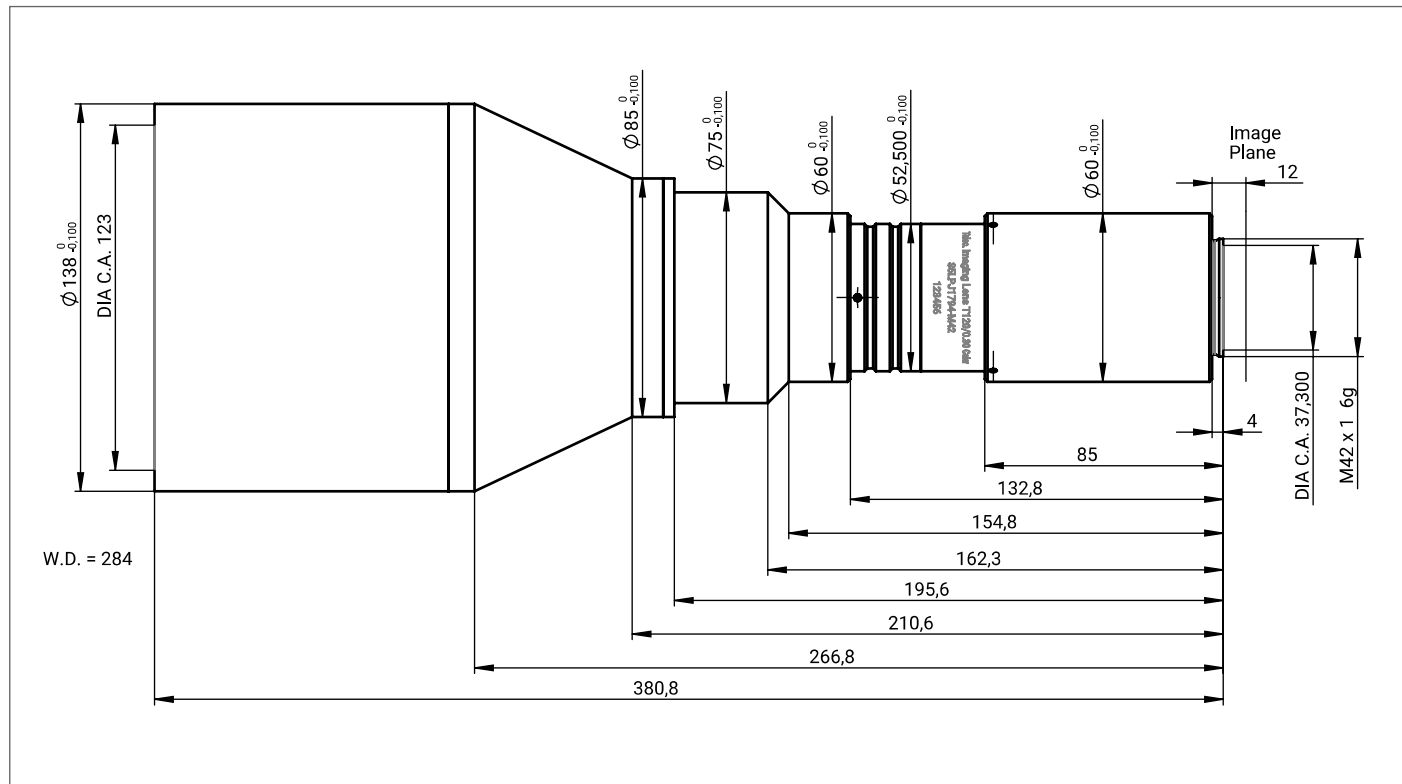
## S5LPJ1794-M42 TELEC. IMAGING LENS T120/O.30 COLOR

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



ILLUSTRATION ONLY - THE COLOR OF THE LENSES CAN DIFFER

### OUTLINE DRAWING



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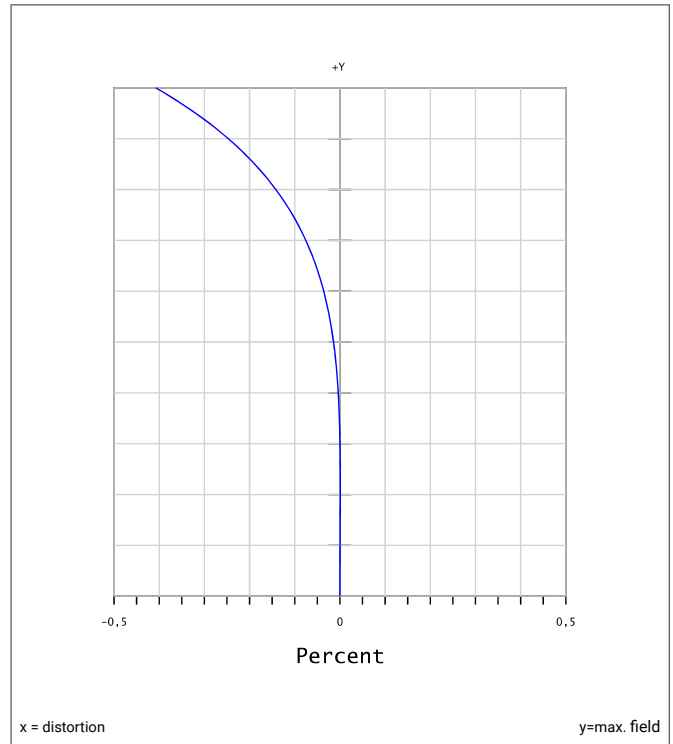
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## SPECIFICATIONS

article number	S5LPJ1794-M42
wavelength range [nm]	400 - 900
design wavelength [nm]	450 - 700
magnification (+/-5%)	0.31
working distance [mm] (+/-2%)	284.00
object size [mm] at a chip size of [mm]	61.9 x 46.5 19.2 x 14.4 (1.5")
object size [mm] at a chip size of [mm]	64.2 x 64.2 19.9 x 19.9 (28.2)
object size [mm] at a chip size of [mm]	74.2 x 74.2 23.0 x 23.0 (32.6)
max. telecentricity error [°]	0.007
recommended numerical aperture	0.019
max. distortion [%]	0.43
weight [kg]	not yet weighed
flange back distance [mm]	12.00
accessory	S5SET0020 (mount)

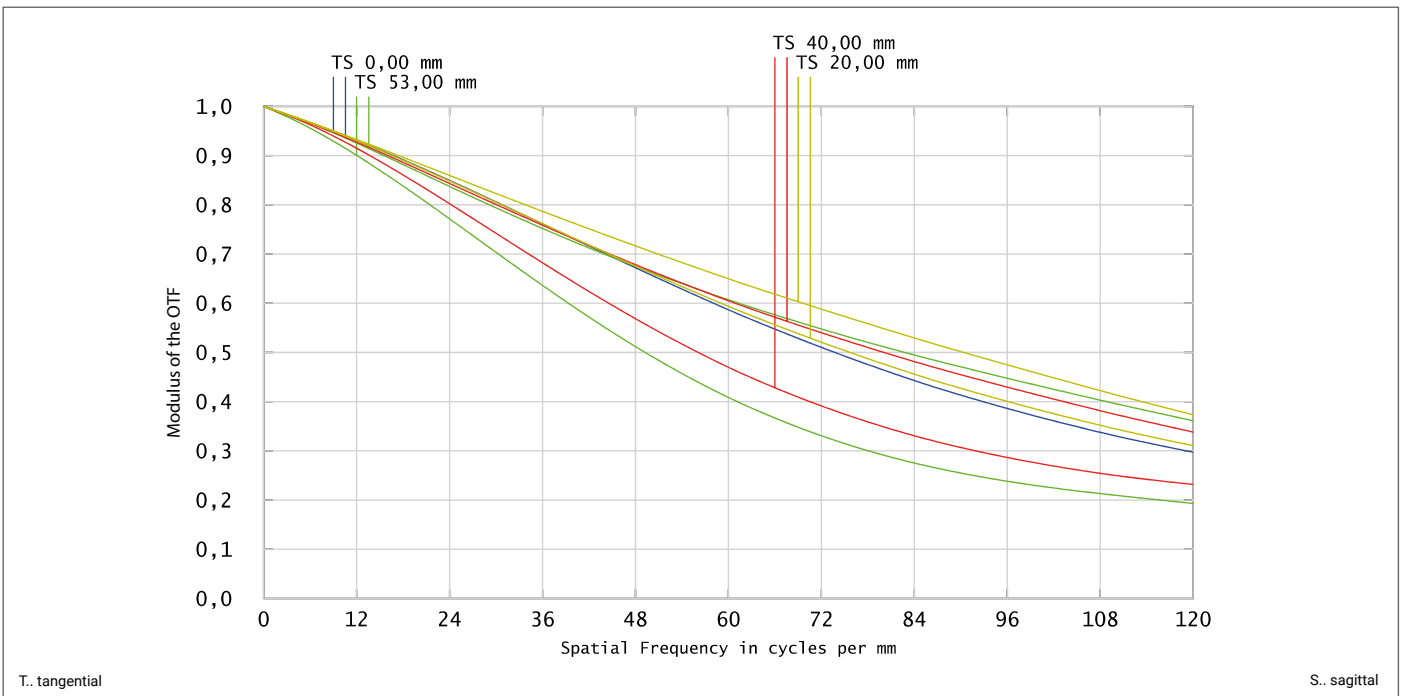
## DISTORTION FOR 486 nm



## REMARKS

useable for wavelength band 800-900 nm with working distance 289.3 mm

## MTF FOR VARIOUS OBJECT HEIGHTS AT 486 nm



## GRAPHS AND DATA GIVEN BY DESIGN

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