

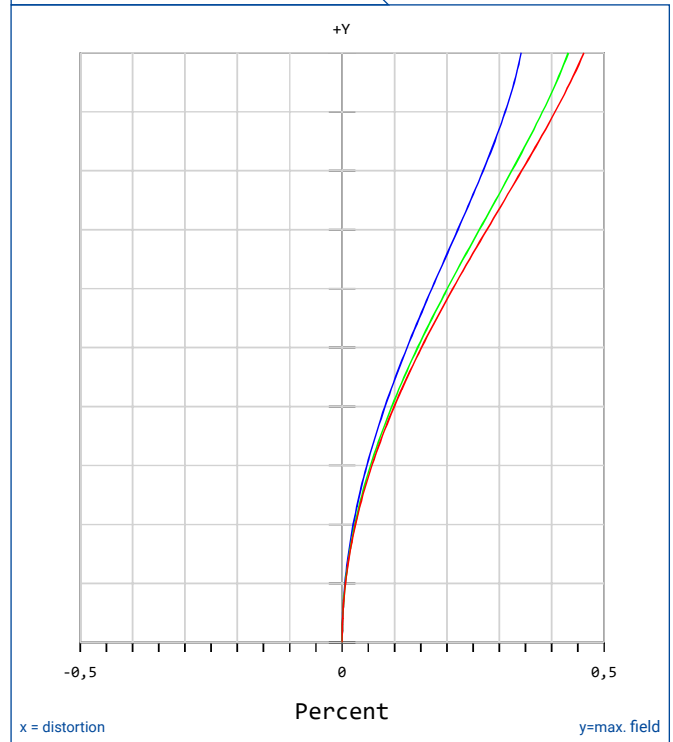


# DATA SHEET

## specifications

article number	S5LPJ1733
wavelength range [nm]	400 - 900
design wavelength [nm]	450 - 700
magnification (+/-5%)	0.098
working distance [mm] (+/-2%)	284.0
object size [mm] at a chip size of [mm]	65.3 x 49.0 6.4 x 4.8 (1/2")
object size [mm] at a chip size of [mm]	73.5 x 54.1 7.2 x 5.3 (1/1.8")
object size [mm] at a chip size of [mm]	89.8 x 67.3 8.8 x 6.6 (2/3")
max. telecentricity error [°]	0.16
recommended numerical aperture	0.007
max. distortion [%]	0.46
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET0020 (lens mount), S5SET1530 (protective window)

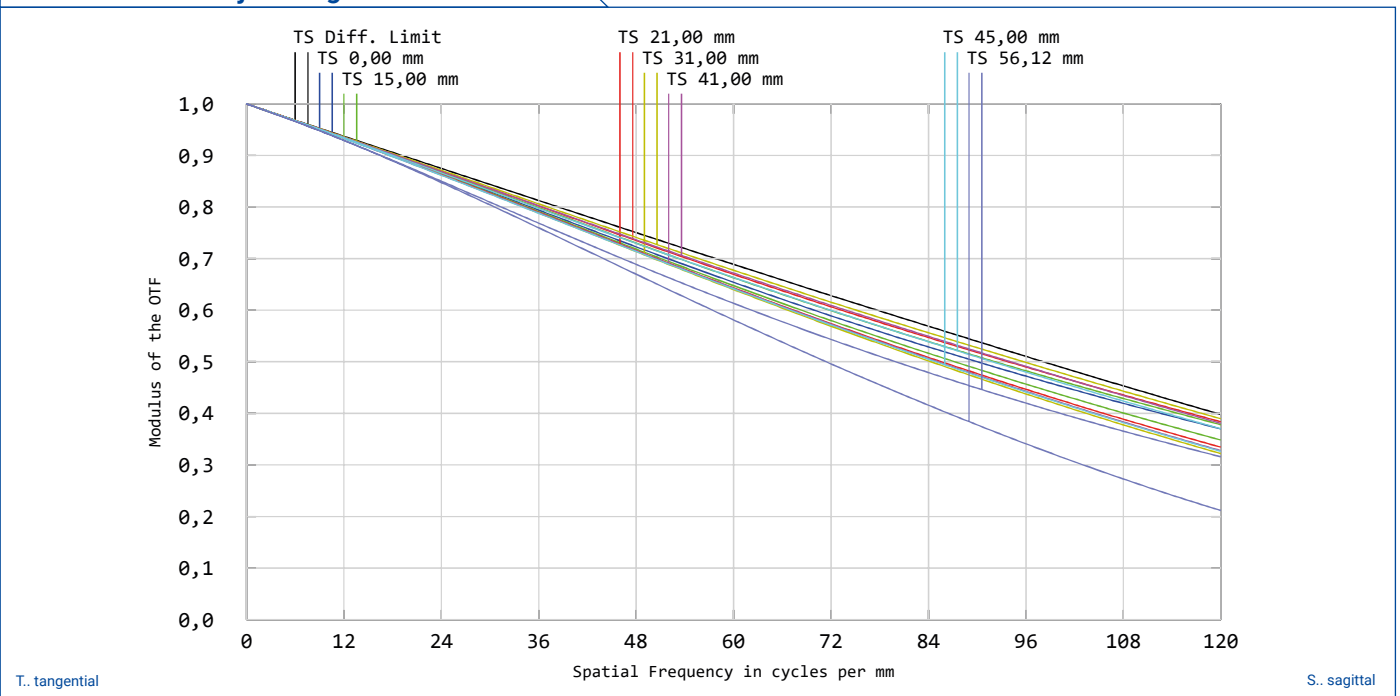
## Distortion for 450 - 700 nm



## remarks

useable for wavelength band 800-900 nm with working distance 299.2 mm

## MTF for various object heights at 450 - 700 nm



graphs and data given by design