

DATA SHEET

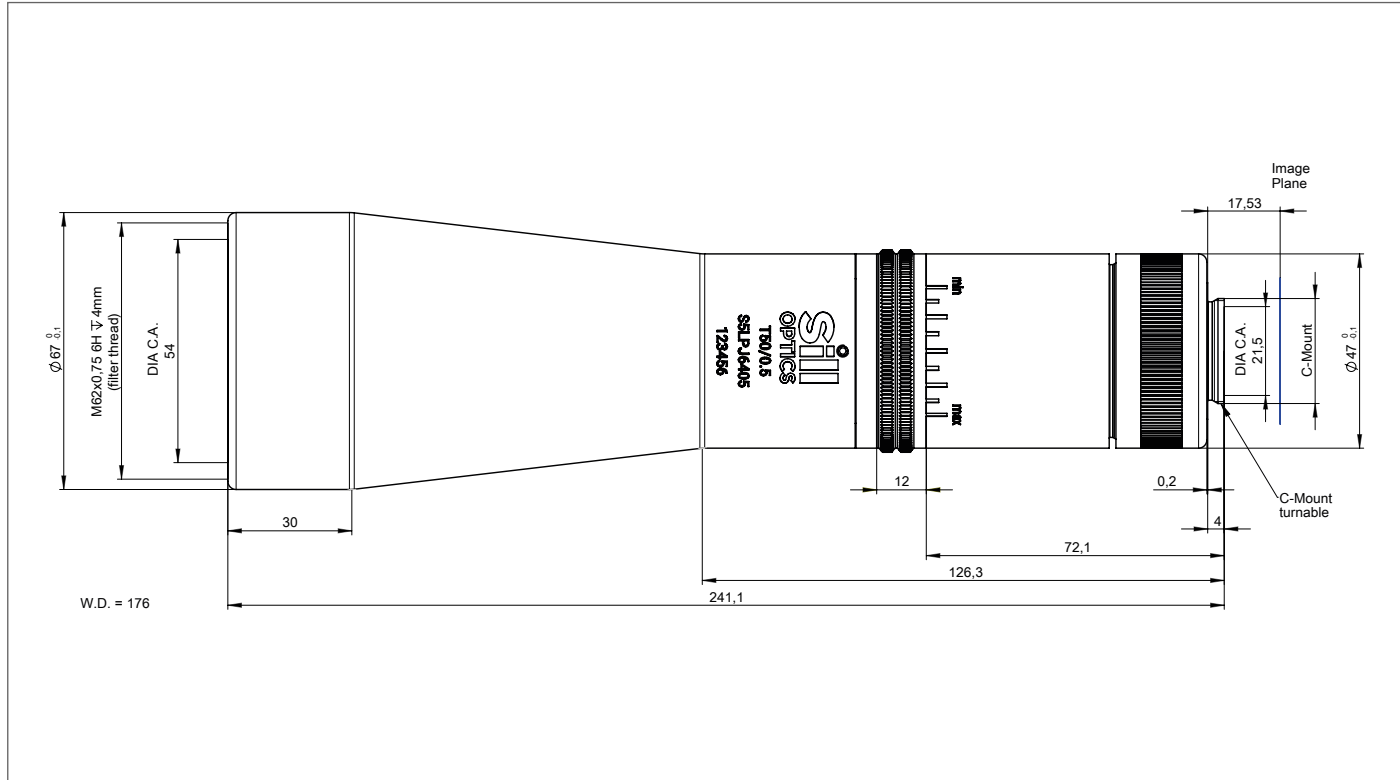
S5LPJ6405 TELEC. IMAGING LENS T50/O.5 C-MOUNT

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



ILLUSTRATION ONLY - THE COLOR OF THE LENSES CAN DIFFER

OUTLINE DRAWING



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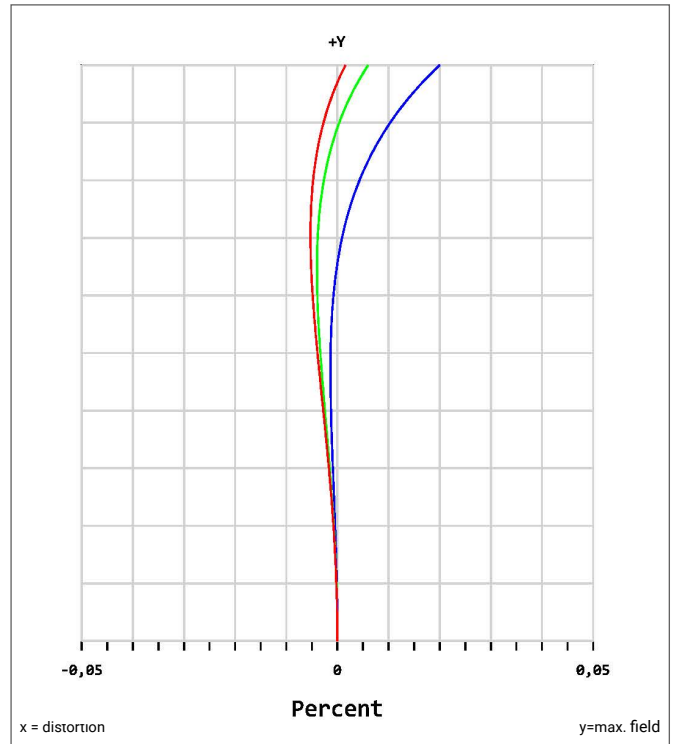
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SPECIFICATIONS

| | |
|--|-----------------------------------|
| article number | S5LPJ6405 |
| wavelength range [nm] | 400 - 900 |
| design wavelength [nm] | 450 - 700 |
| magnification (+/-5%) | 0.50 |
| working distance [mm] (+/-2%) | 176.00 |
| object size [mm] at a chip size of [mm] | 25.6 x 19.2 12.8 x 9.6 (1") |
| object size [mm] at a chip size of [mm] | 28.2 x 21.2 14.1 x 10.6 (1.1") |
| object size [mm] at a chip size of [mm] | 30.8 x 23.0 15.4 x 11.5 (1.2") |
| max. telecentricity error [°] | 0.1 |
| recommended numerical aperture | 0.032 |
| max. distortion [%] | 0.02 |
| weight [kg] | 0,87 kg |
| flange back distance [mm] | 17.53 |
| accessory | -- |

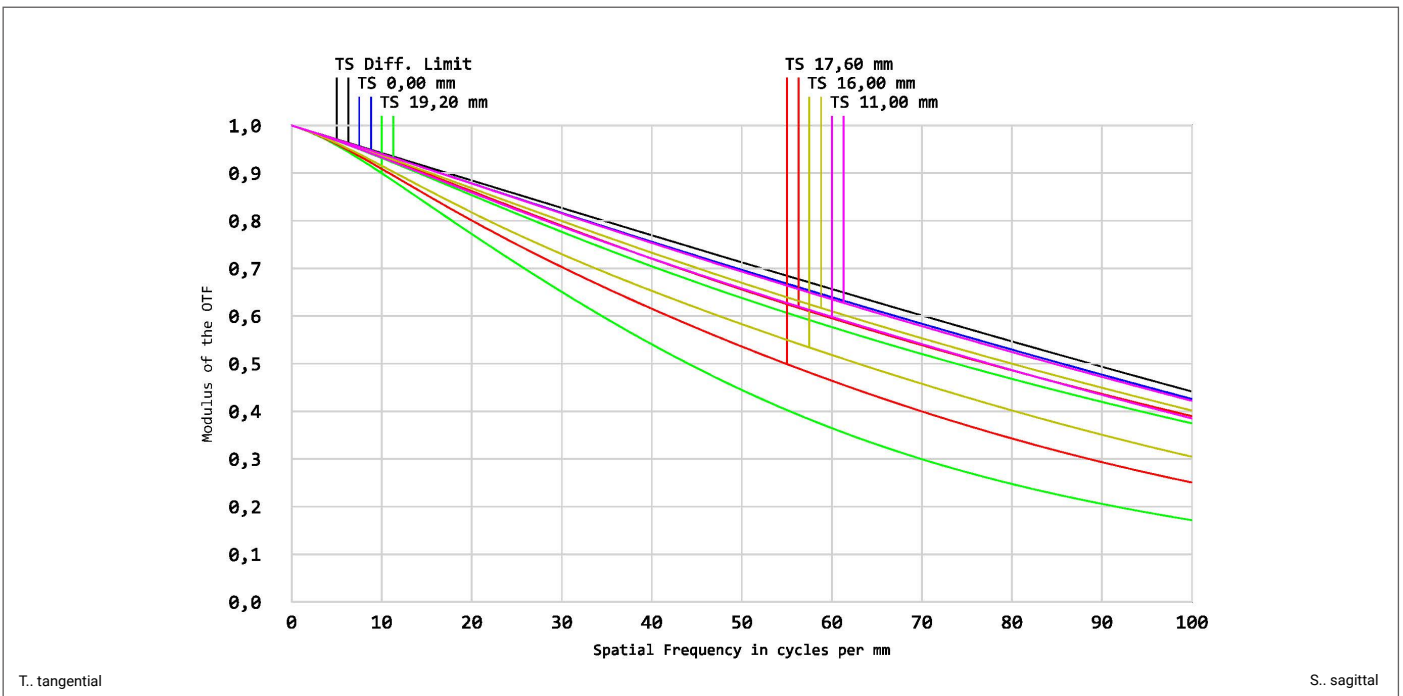
DISTORTION FOR 450 - 700 nm



REMARKS

useable for wavelength band 820-880 nm with working distance 176.6 mm

MTF FOR VARIOUS OBJECT HEIGHTS AT 450 - 700 nm



GRAPHS AND DATA GIVEN BY DESIGN

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