

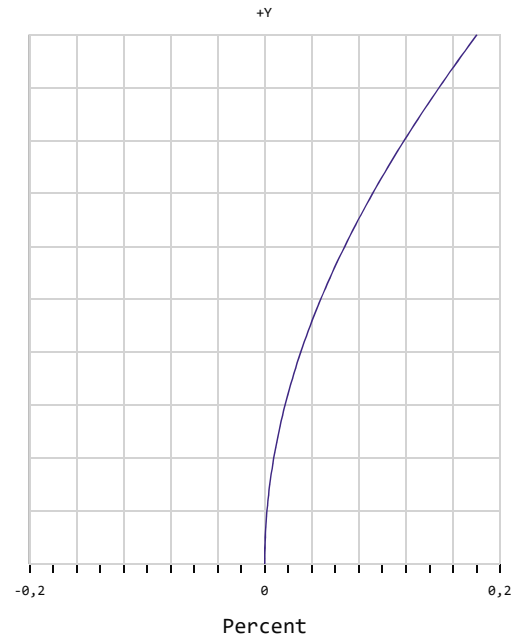
DATA SHEET



specifications

| | |
|-------------------------------|---|
| article number | S5LPL2499/LED |
| design wavelength [nm] | 623 (+/-11) |
| magnification (+/-5%) | 0.492 |
| working distance [mm] (+/-2%) | 92.0 |
| object size [mm] | 13 x 9.7 |
| at a chip size of [mm] | 6.4 x 4.8 (1/2") |
| distortion [%] | 0.1 |
| object size [mm] | 14.6 x 10.7 |
| at a chip size of [mm] | 7.2 x 5.3 (1/1.8") |
| distortion [%] | 0.12 |
| object size [mm] | 17.8 x 13.4 |
| at a chip size of [mm] | 8.8 x 6.6 (2/3") |
| distortion [%] | 0.18 |
| max. telecentricity error [°] | 0.013 |
| numerical aperture | 0.035 |
| weight [kg] | 0.90 |
| flange back distance [mm] | 17.53 |
| accessory | S5SET1150, S0SET9125/017, S5SET0020, S5SET5016 |

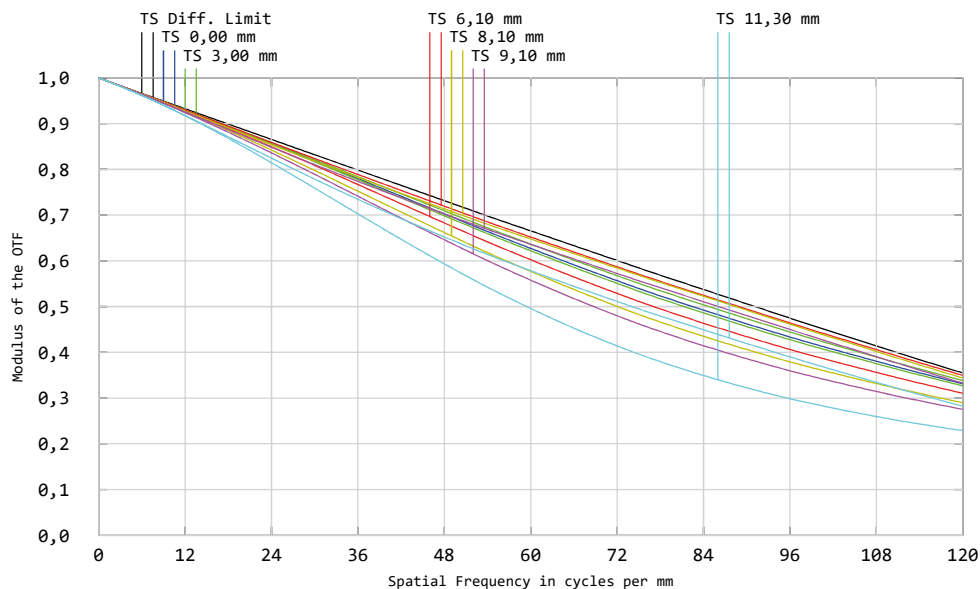
Distortion for 623 nm



x = distortion

y = max. field

MTF for various object heights at 623 nm



T. tangential

S. sagittal

graphs and data given by design.