

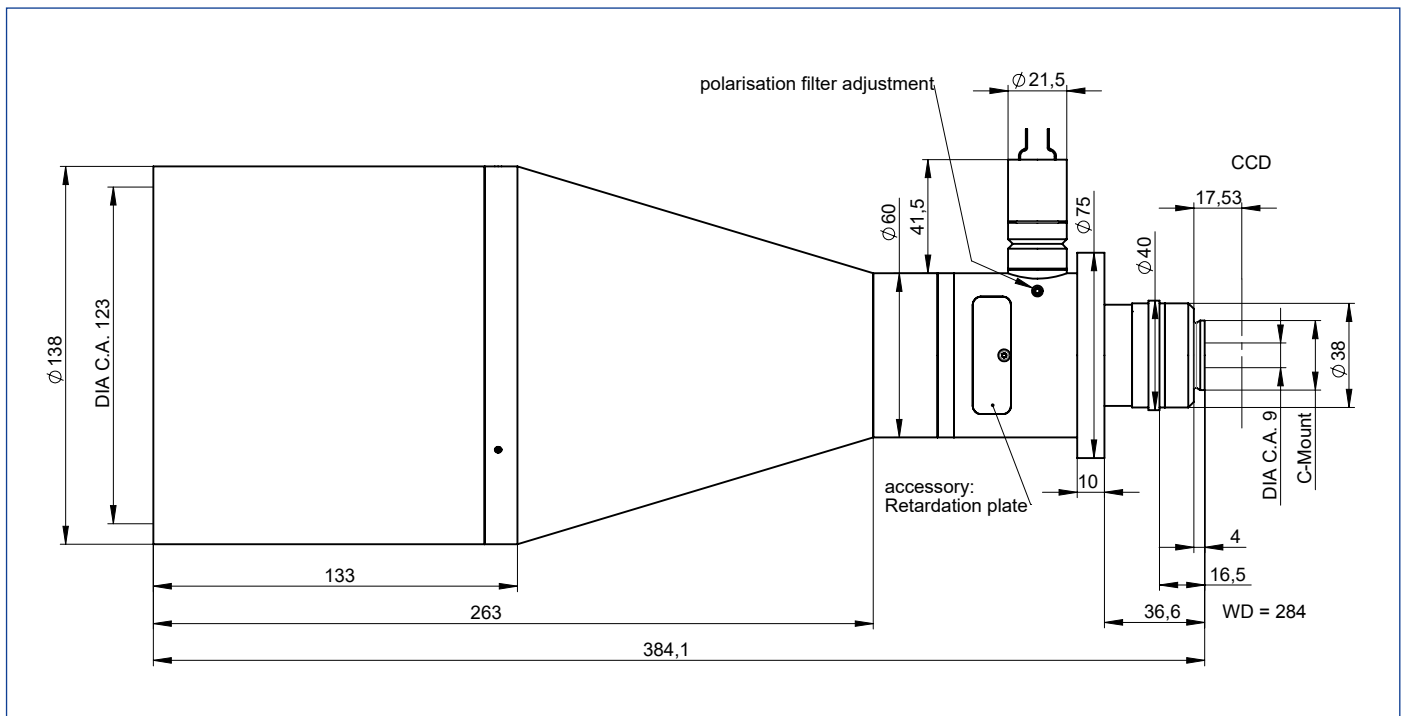
DATA SHEET



S5LPL1523/LED Correctal® TA120/0.082

- telecentric lens
- with c-mount
- with variable iris
- with integrated coaxial illumination

electrical specifications for S5LPLxxx/LED, mechanical interface for S5LPLxxx/CCS and optimum illumination settings for both see [product family data sheet attached](#)



outline drawing

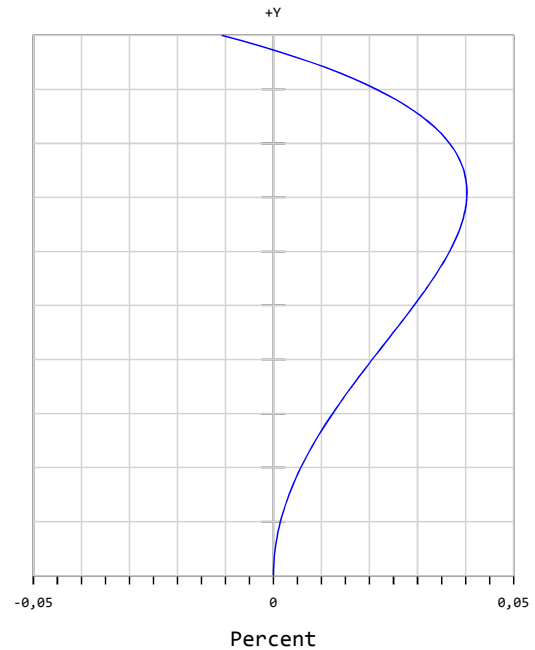
DATA SHEET



specifications

| | |
|-------------------------------|--|
| article number | SSLPL1523/LED |
| design wavelength [nm] | 623 (+/-11) |
| magnification (+/-5%) | 0.082 |
| working distance [mm] (+/-2%) | 284.0 |
| object size [mm] | 39 x 29.2 |
| at a chip size of [mm] | 3.2 x 2.4 (1/4") |
| distortion [%] | 0.03 |
| object size [mm] | 58.5 x 43.9 |
| at a chip size of [mm] | 4.8 x 3.6 (1/3") |
| distortion [%] | 0.04 |
| object size [mm] | 78 x 58.5 |
| at a chip size of [mm] | 6.4 x 4.8 (1/2") |
| distortion [%] | 0.05 |
| max. telecentricity error [°] | 0.01 |
| numerical aperture | 0.007 |
| weight [kg] | 4.70 |
| flange back distance [mm] | 17.53 |
| accessory | S5SET1150, S0SET9125, S5SET0020, S5SET1530 |

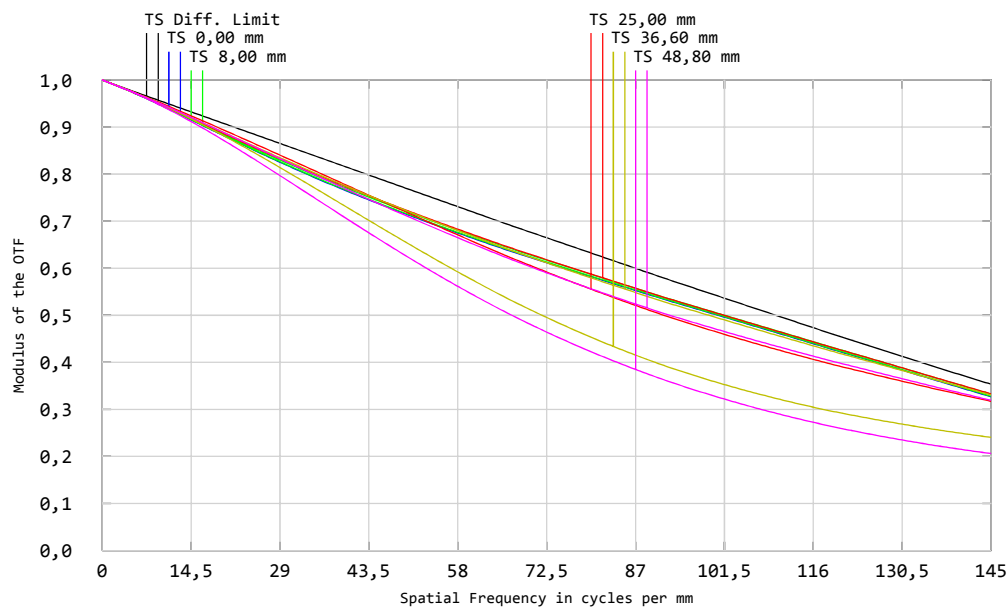
Distortion for 623 nm



x = distortion

y = max. field

MTF for various object heights at 623 nm



T. tangential

S. sagittal

graphs and data given by design.