

## S5LPL1832/LED Correctal TA150/0.065 LED 623nm

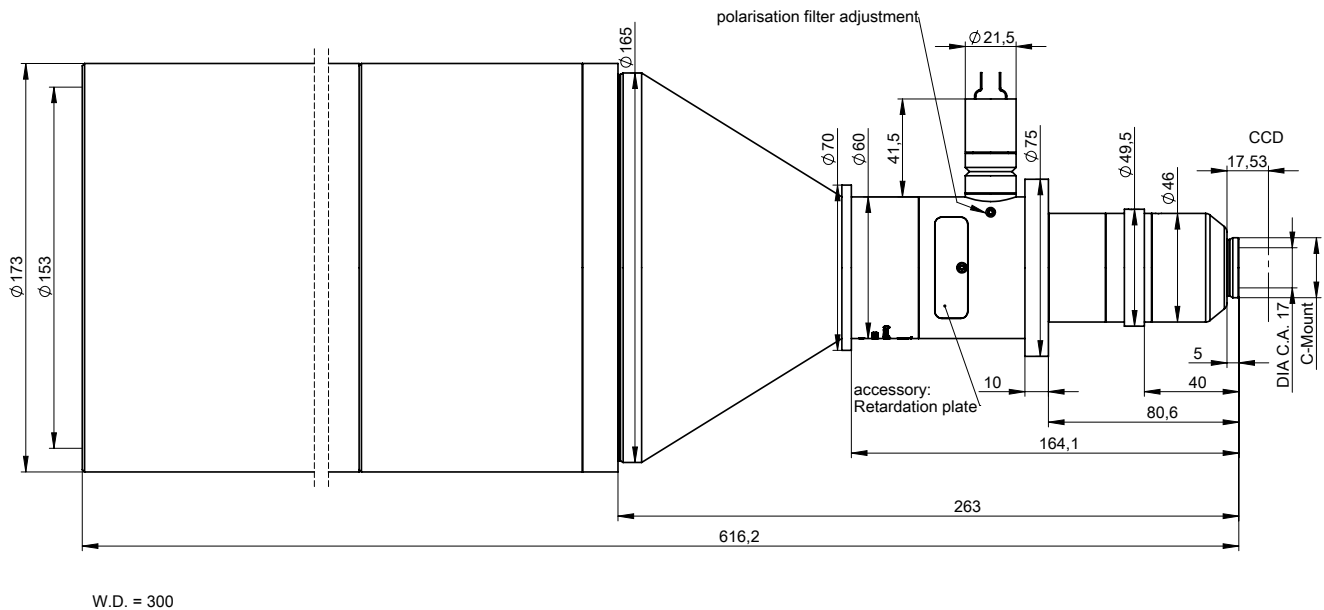
- telecentric lenses with coaxial illumination
- LED; polarized beamsplitter
- with C-Mount
- variable iris (manual)

electrical specifications for S5LPLxxxx/LED,  
mechanical interface for S5LPLxxxx/CCS  
and optimum illumination settings for both  
see [product family data sheet](#) attached



illustration only

### outline drawing

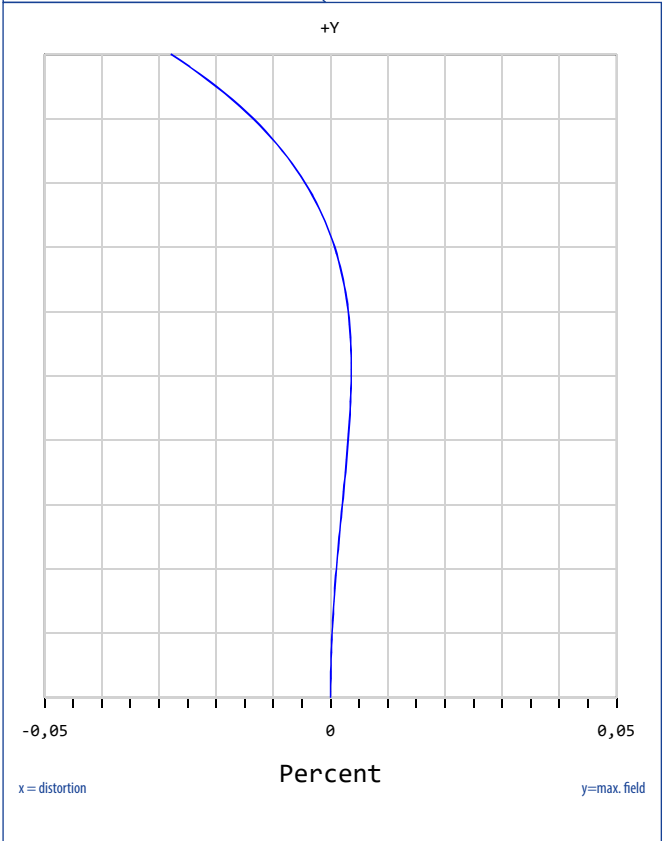


# DATA SHEET

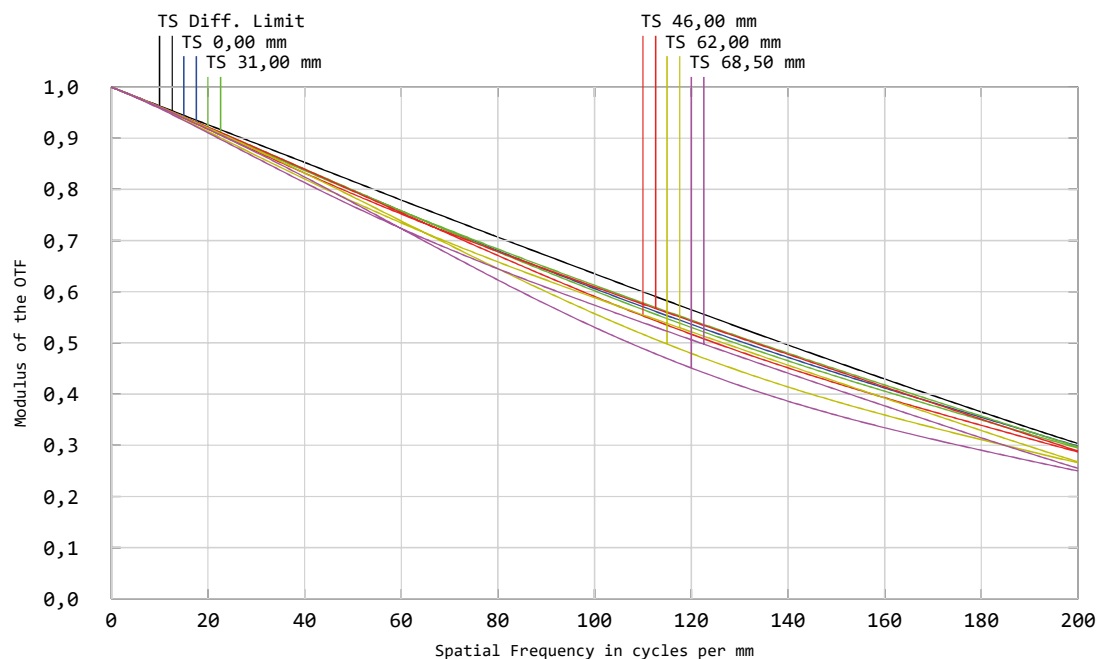
## specifications

article number	SSLPL1832/LED
wavelength range [nm]	623 (+/-11)
design wavelength [nm]	623
magnification (+/-5%)	0.065
working distance [mm] (+/-2%)	300.0
object size [mm] at a chip size of [mm]	55.4 x 73.8 3.6 x 4.8 (1/3")
object size [mm] at a chip size of [mm]	73.8 x 98.5 4.8 x 6.4 (1/2")
object size [mm] at a chip size of [mm]	81.5 x 110.8 5.3 x 7.2 (1/1.8")
max. telecentricity error [°]	0.06
recommended numerical aperture	0.007
max. distortion [%]	< 0.03
weight [kg]	not yet weighed
flange back distance [mm]	17.53
accessory	S5SET0020 (lens mount), S5SET1150 (retardation plate lambda/2), S0SET9125/017 (non-polarized beamsplitter)

## Distortion for 623 nm



## MTF for various object heights at 623 nm



T. tangential

S. sagittal

graphs and data given by design.