

## S5LPL1860/LED Correctal TA150/0.13 LED 623nm

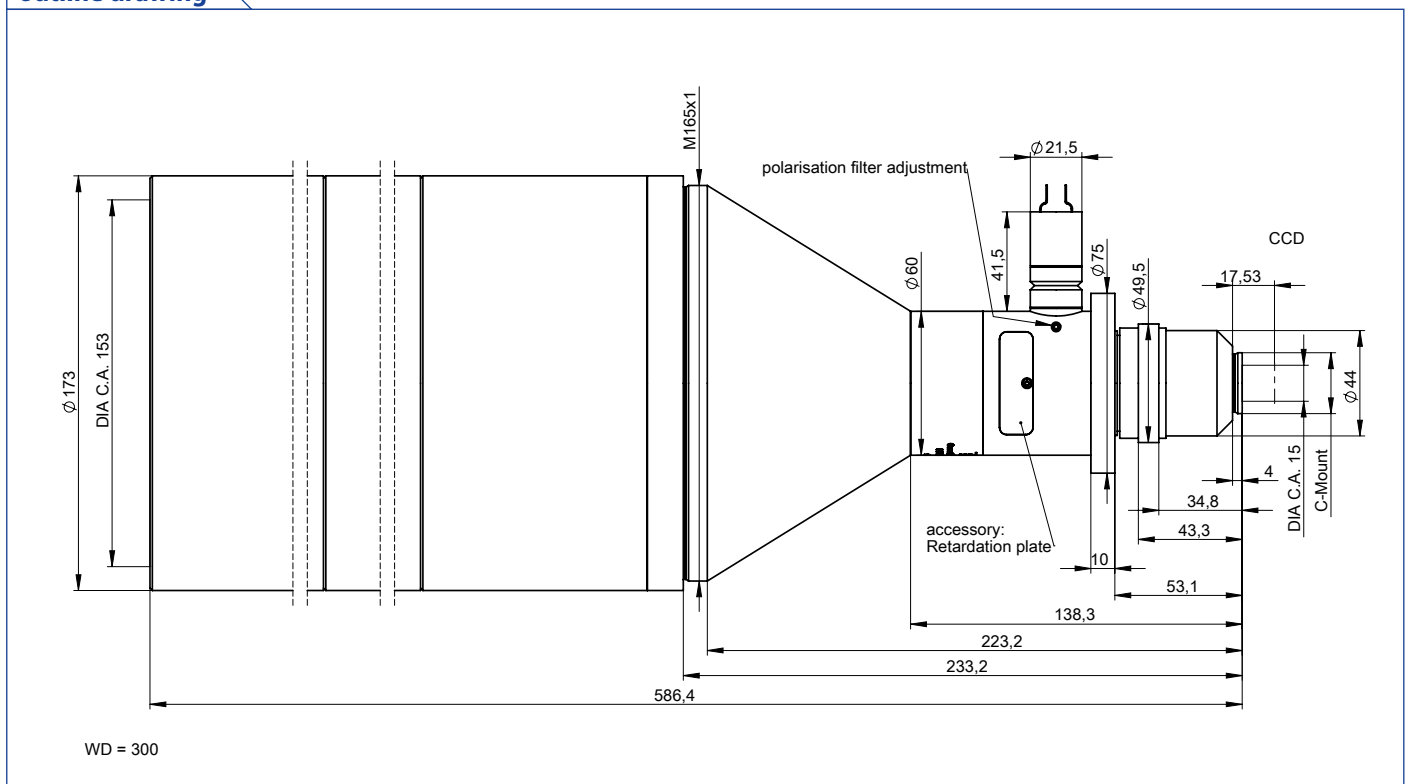
- telecentric lenses with coaxial illumination
- LED; polarized beamsplitter
- with C-Mount
- variable iris (manual)

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

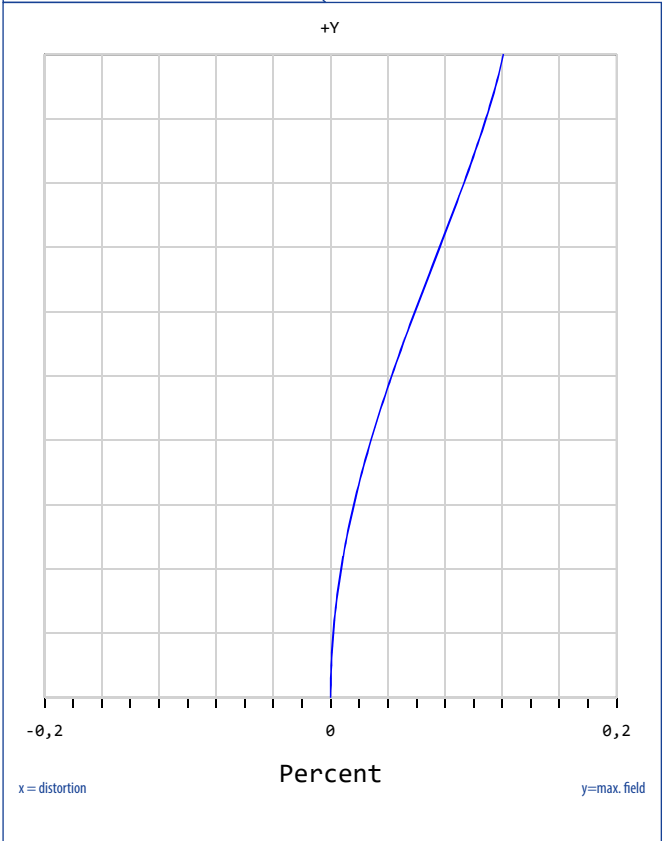


# DATA SHEET

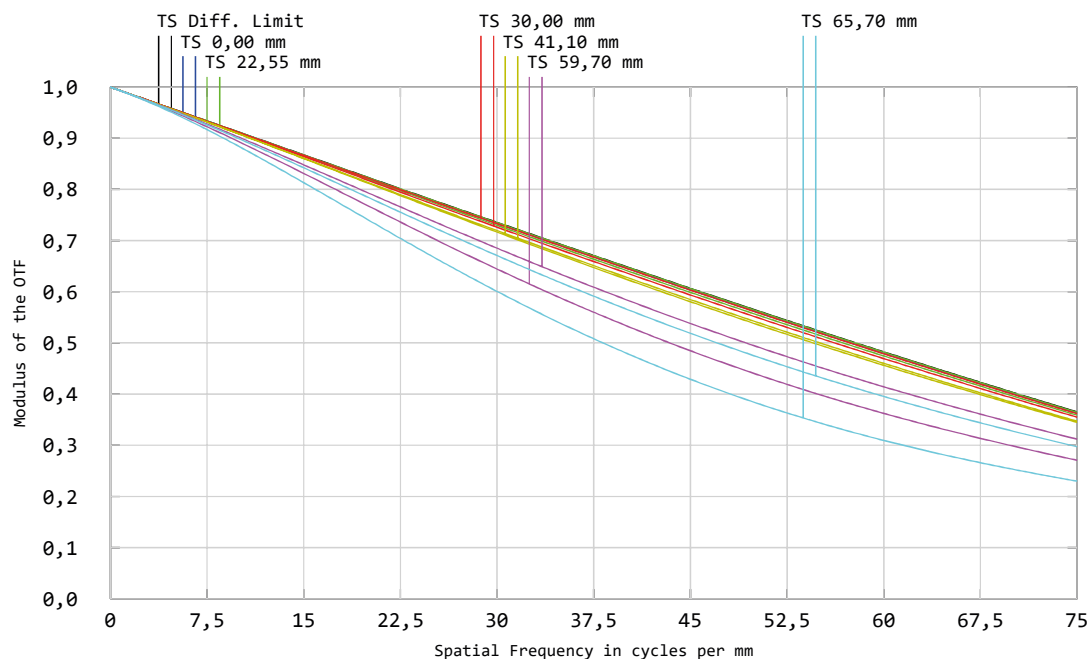
## specifications

article number	SSLPL1860/LED
wavelength range [nm]	623 (+/-11)
design wavelength [nm]	623
magnification (+/-5%)	0.130
working distance [mm] (+/-2%)	300.0
object size [mm] at a chip size of [mm]	49.6 x 66.2 6.6 x 8.8 (2/3")
object size [mm] at a chip size of [mm]	72.2 x 96.2 9.6 x 12.8 (1")
object size [mm] at a chip size of [mm]	106.0 x 79.7 14.1 x 10.6 (1.1")
max. telecentricity error [°]	0.03
recommended numerical aperture	0.006
max. distortion [%]	0.12
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.