

S5LPL1824/LED Correctal TA150/0.056 LED 623nm

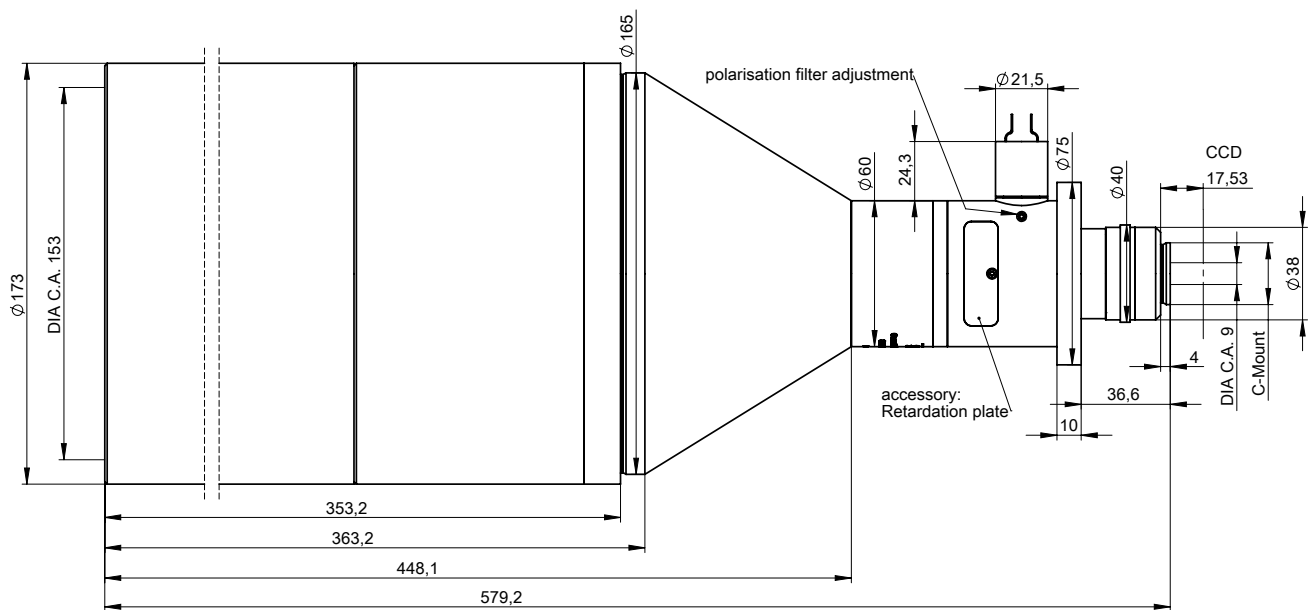
- telecentric lenses with coaxial illumination
- LED; polarized beamsplitter
- with C-Mount
- variable iris (manual)

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



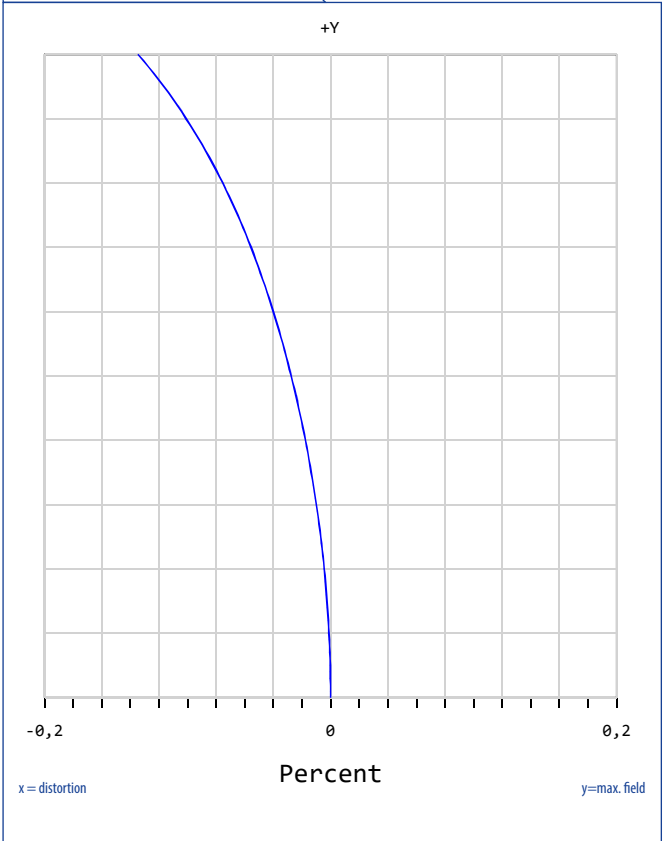
W.D. = 300

DATA SHEET

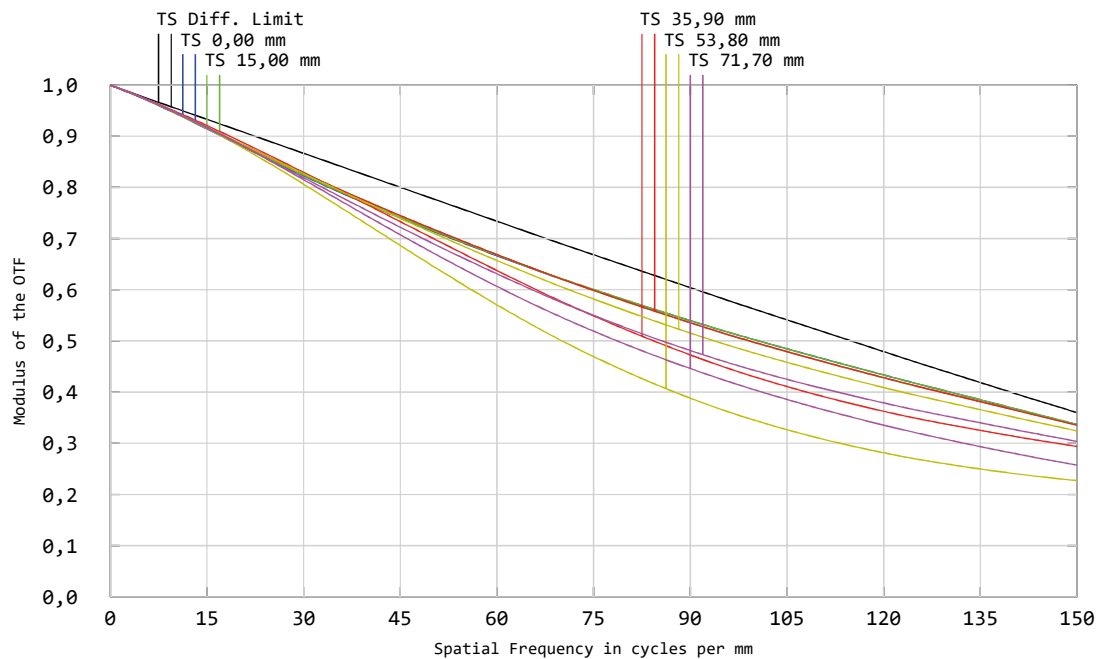
specifications

article number	SSLPL1824/LED
wavelength range [nm]	623 (+/-11)
design wavelength [nm]	623
magnification (+/-5%)	0.056
working distance [mm] (+/-2%)	300.0
object size [mm] at a chip size of [mm]	42.9 x 57.1 2.4 x 3.2 (1/4")
object size [mm] at a chip size of [mm]	64.3 x 85.7 3.6 x 4.8 (1/3")
object size [mm] at a chip size of [mm]	85.7 x 114.3 4.8 x 6.4 (1/2")
max. telecentricity error [°]	0.01
recommended numerical aperture	0.005
max. distortion [%]	0.13
weight [kg]	8.0
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.