

DATA SHEET

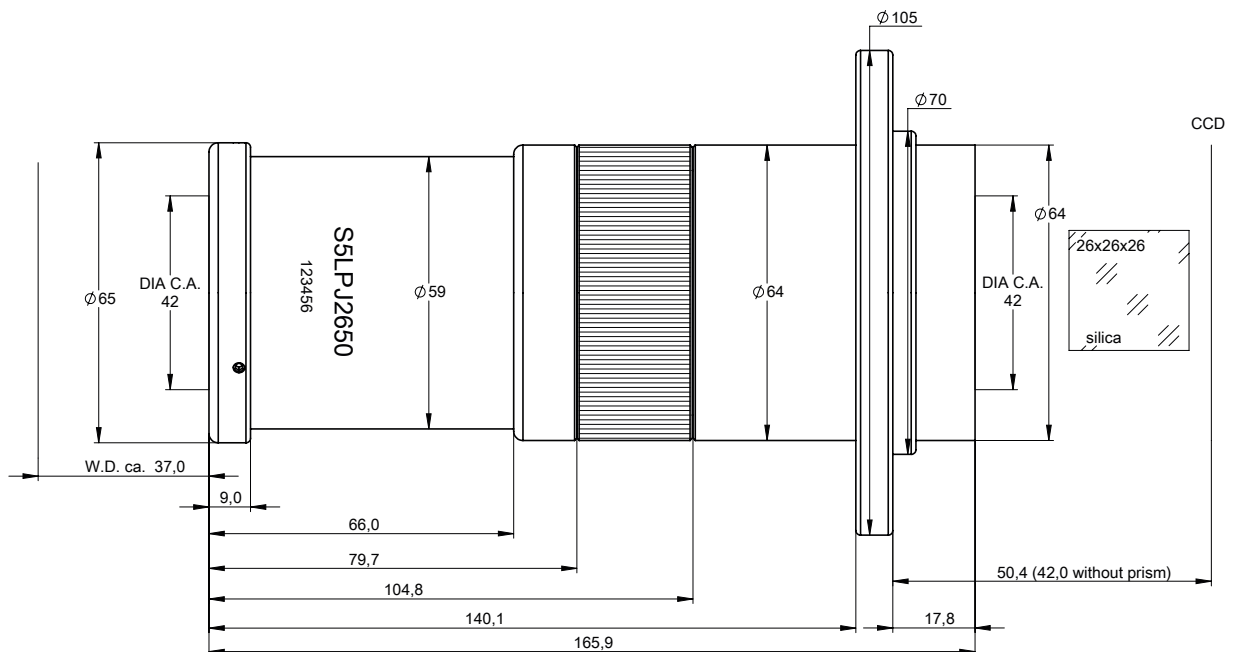


S5LPJ2650 Correctal® TDL50/1.0 UV

- telecentric lens
- for UV
- with fixed iris



illustration only



outline drawing

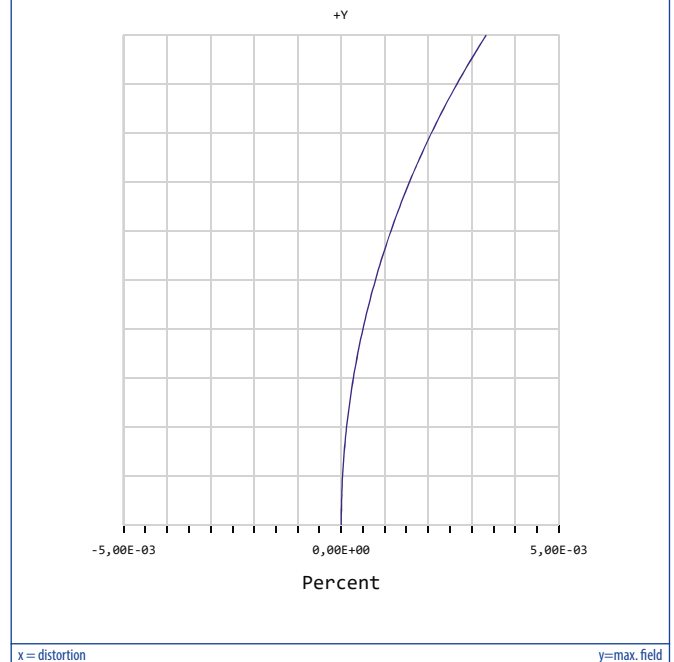
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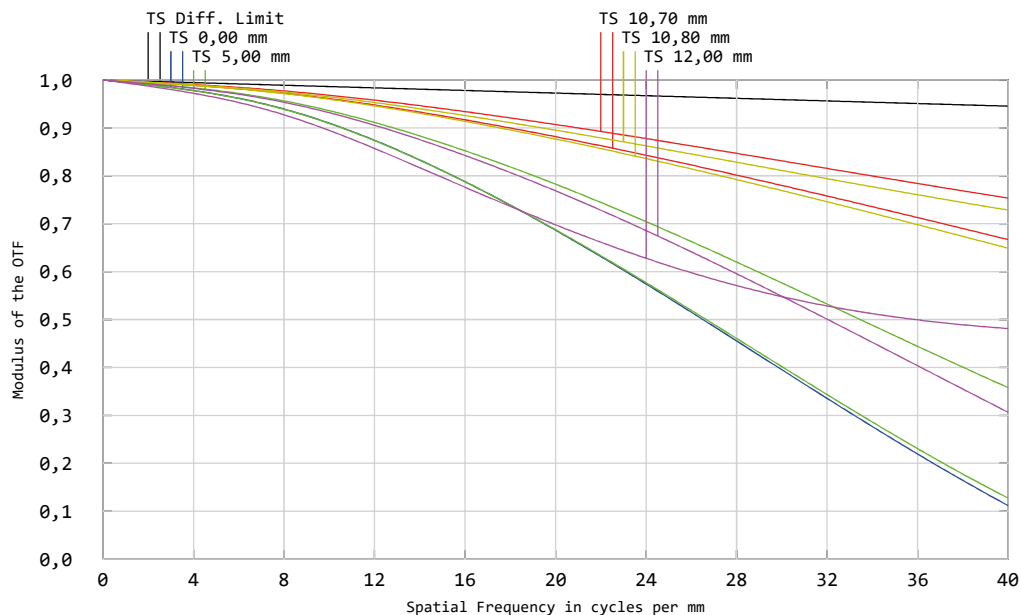
specifications

article number	S5LPJ2650
design wavelength [nm]	380-450
magnification (+/-5%)	1.000
working distance [mm] (+/-2%)	37.0
object size [mm]	17.1 x 12.9
at a chip size of [mm]	17.1 x 12.9 (1.25")
distortion [%]	< 0.05
object size [mm]	17.3 x 13
at a chip size of [mm]	17.3 x 13.0 (4/3")
distortion [%]	< 0.05
object size [mm]	19.2 x 15
at a chip size of [mm]	19.2 x 15.0 (1.5")
distortion [%]	< 0.05
max. telecentricity error [°]	0.32
numerical aperture	0.200
weight [kg]	0.65
flange back distance [mm]	---
accessory	---

Distortion for 405 nm



MTF for various object heights at 405 nm



T. tangential

S. sagittal

graphs and data given by design.