

# DATA SHEET



## S5LPJ7255/M42 Correctal® TD70/1.0

- double-sided telecentric
- lens with M42-thread
- with variable iris

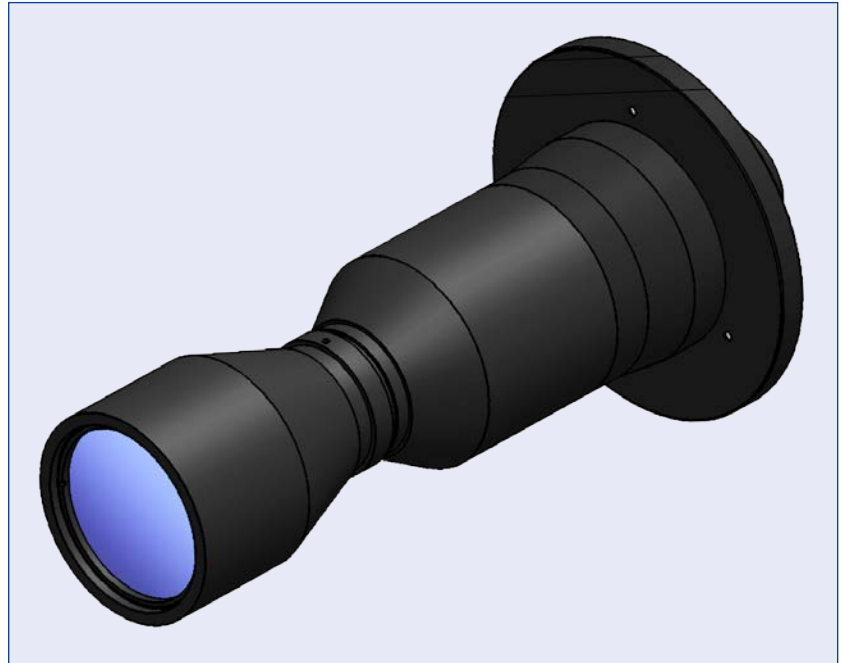
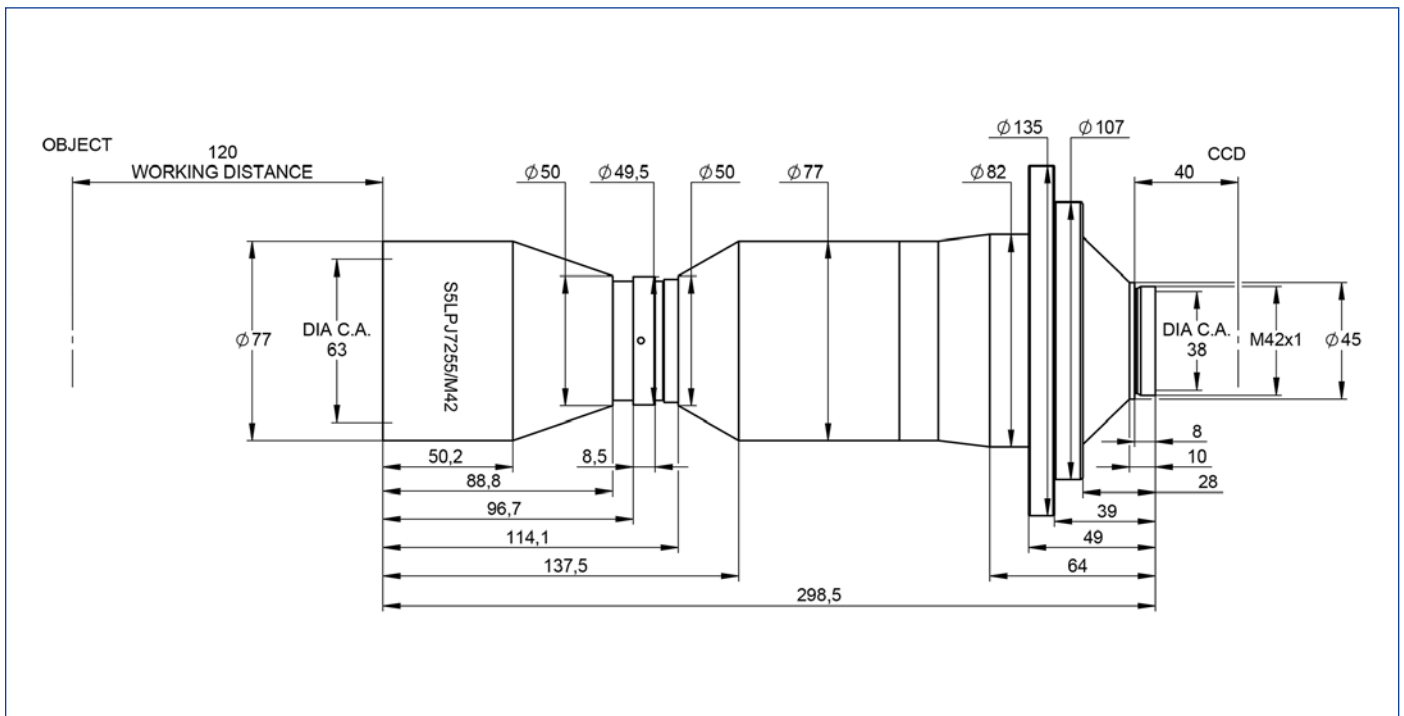


illustration only



outline drawing

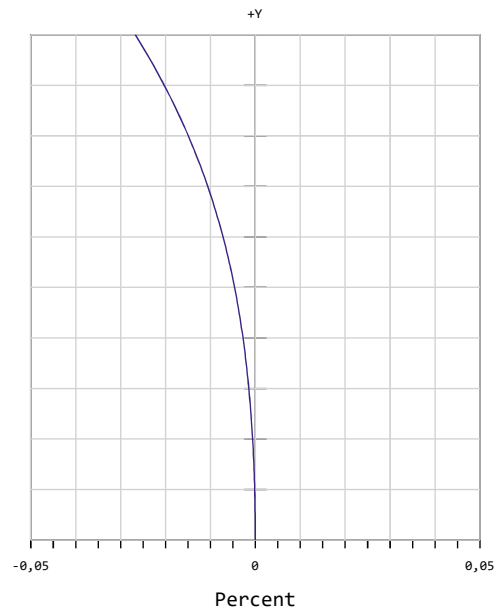
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## specifications

article number	SSLPJ7255/M42
design wavelength [nm]	450-700
magnification (+/-5%)	1.000
working distance [mm] (+/-2%)	120.0
object size [mm]	19.7 x 15
at a chip size of [mm]	19.7 x 15.0
distortion [%]	< 0.05
object size [mm]	28.6
at a chip size of [mm]	28.6
distortion [%]	< 0.05
object size [mm]	35
at a chip size of [mm]	35
distortion [%]	< 0.05
max. telecentricity error [°]	< 0.01
numerical aperture	0.050
weight [kg]	not yet weighed
flange back distance [mm]	40
accessory	---

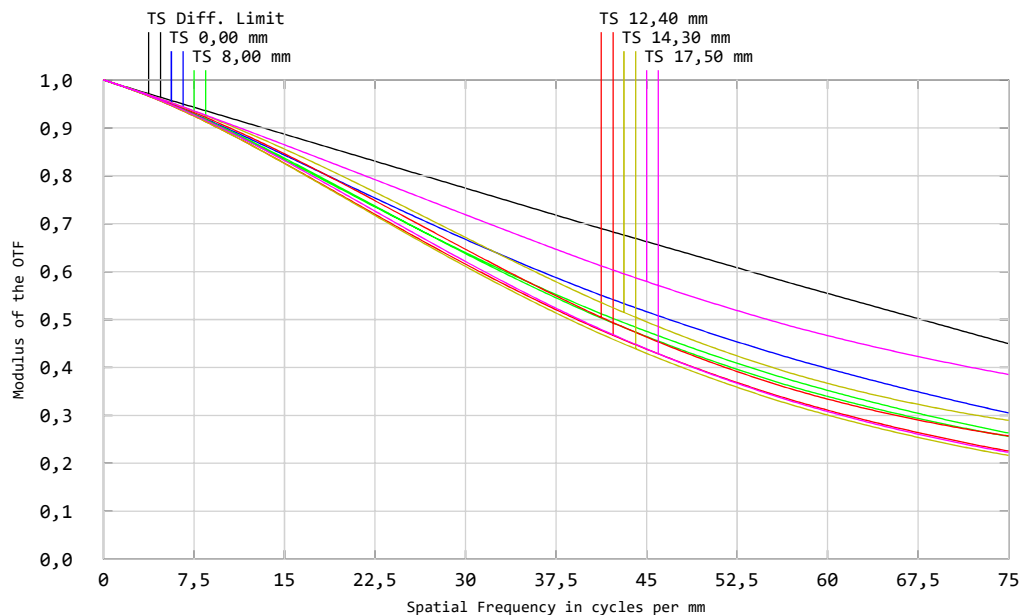
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.