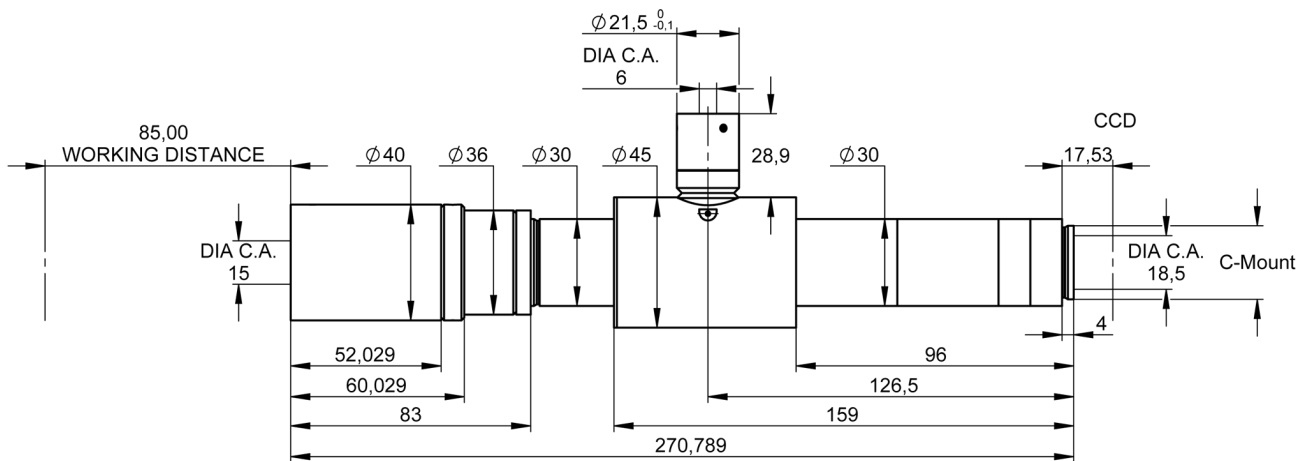


DATA SHEET

S5LPL8425

Correctal® TA/5.0
telecentric lens
with c-mount

no picture available



outline drawing

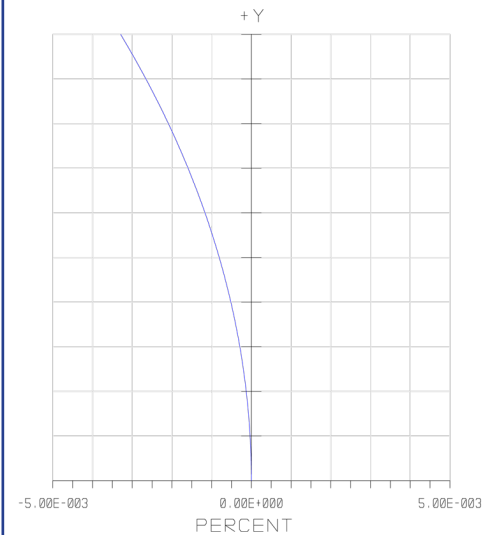
other adapter on special request

S5LPL8425

Correctal® TA/5.0 telecentric lens with c-mount

Specifications	
part number	S5LPL8425
magnification (+/-5%)	5.0
working distance [mm] (+/-2%)	85.0
max. object size [mm] at a chip size of [mm] distorsion [%]	0.9 x 0.7 4.8 x 3.6 (1/3") <0.05
max. object size [mm] at a chip size of [mm] distorsion [%]	1.2 x 0.9 6.4 x 4.8 (1/2") <0.05
max. object size [mm] at a chip size of [mm] distorsion [%]	1.4 x 1.0 7.2 x 5.3 (1/1.8") <0.05
max. object size [mm] at a chip size of [mm] distorsion [%]	1.7 x 1.3 8.8 x 6.6 (2/3") <0.05
numerical aperture	0.1
max. outside-Ø [mm]	40.0
length [mm] (+/-2%)	266.8
weight [kg]	0.5

Distortion for 586 nm



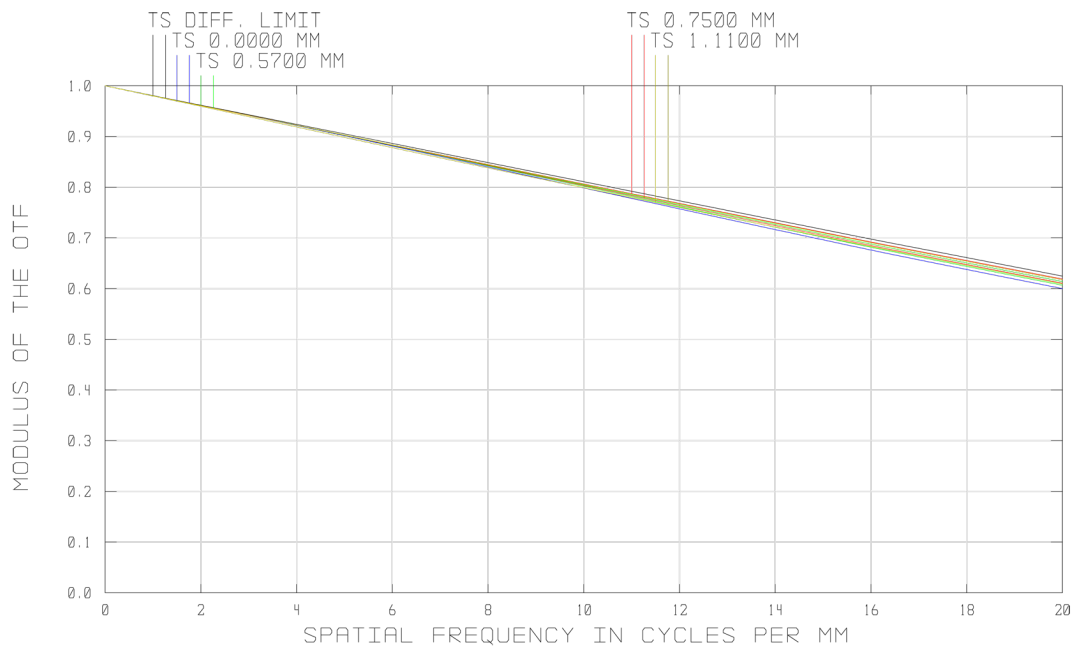
x = distortion

y = max. field

T.. Tangential

MTF for various object heights at 586nm

S.. Sagittal



also available with coaxial CCS-illumination (S5LPL8425/CCS) and coaxial LED-illumination (S5LPL8425/LED)