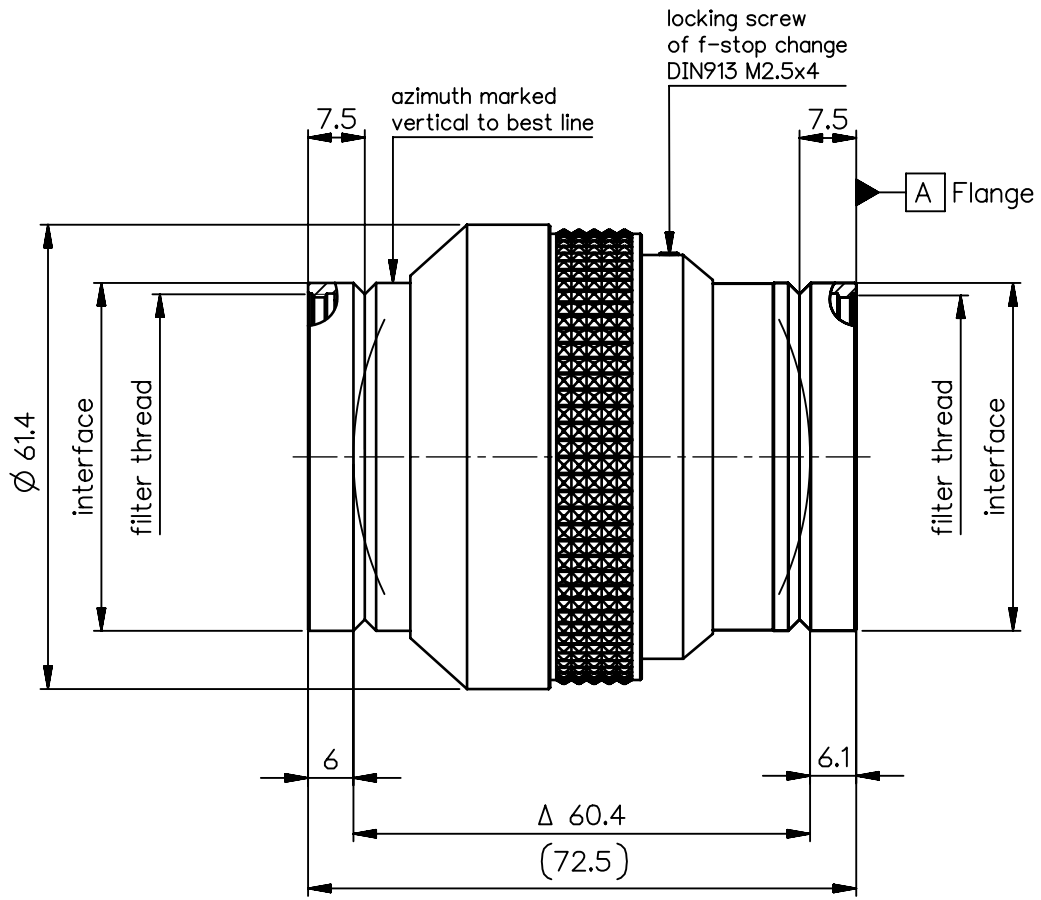
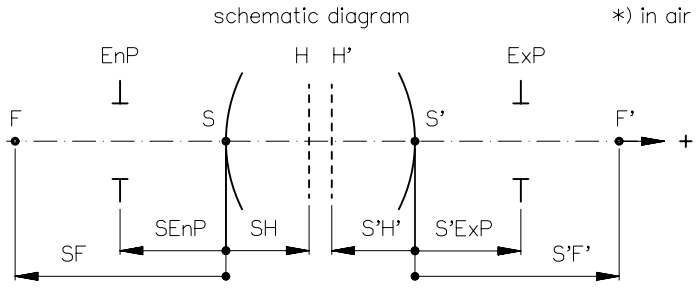


order number	lens name
0703-084-000-20	inspec.x L 5.6/105 -0.5x



Specification	ON	7608-9031	
image circle max. (mm)	82	working distance (mm)	228 - 330
focal length f' (mm)	105.4	interface	V-groove Ø46 h7
magnification β' [range]	-0.5 [-0.65 ... -0.4]	filter thread	M43 x0.75
spectral range λ (nm)	400 - 750	weight (g)	370



design includes CCD cover glass:	yes 0.76mm D263						
SF (mm)	-72.0	f-stop	5.6	Ø EnP	18.8	Ø Exp	18.8
S'F' (mm) *	71.0						
HH' (mm) *	-7.4						
SH (mm)	33.4						
S'H' (mm) *	-34.4						
SEnP (mm)	33.6						
S'Exp (mm) *	-34.2						

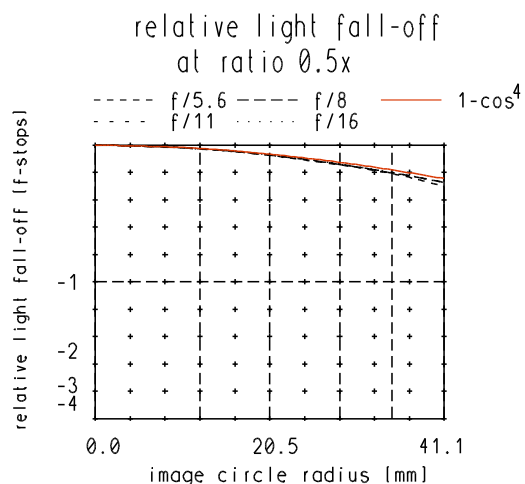
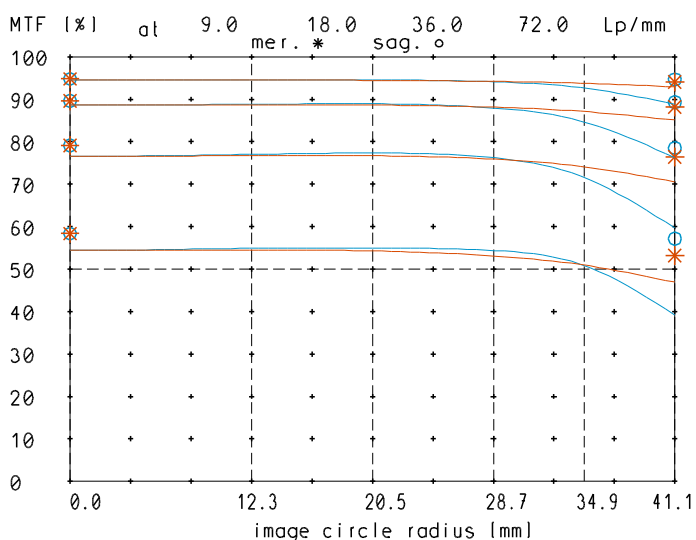
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D	AL-T1A	US-D	US-ML	not export controlled	
	REV	ECC	DATE	APPROVED	PDM Status	Freigabe
	a	Neuausg	19.08.14	Schiffe	SCALE	1:1
	b	15-0640	31.07.15	Bo II	MATERIAL	
				TITLE		
				inspec.x L 5.6/105 -0.5x		
				DRAWING NO.	0703-084-100-00-0001b	
				REPLACES		
				DRAWING NO.	0703-084-100-00-0001b	
				SHEET	1	
				OF	1	

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

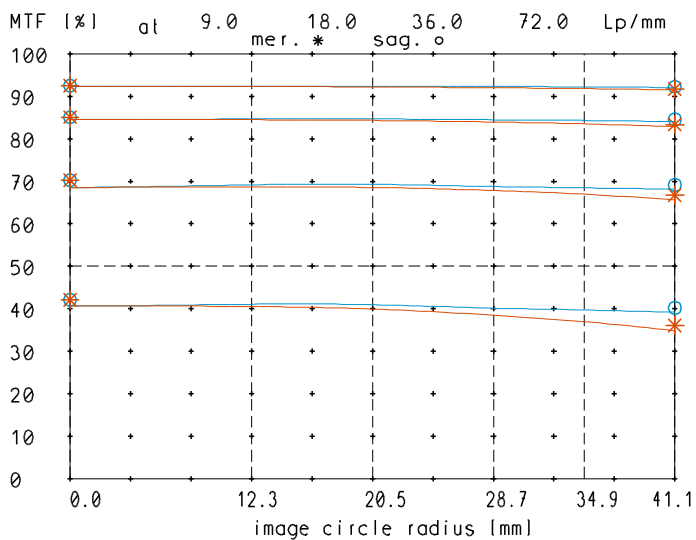


Inspecc.x_L_5.6/105_0.5x

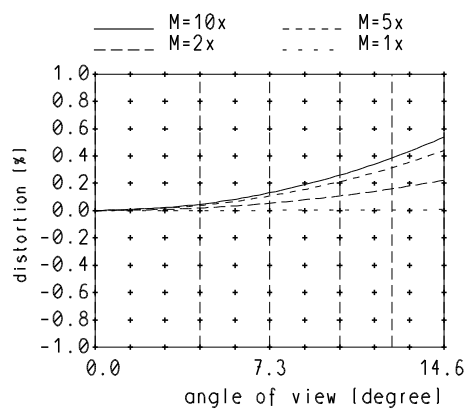
MTF at ratio 0.5x f/ 5.6



MTF at ratio 0.5x f/ 8

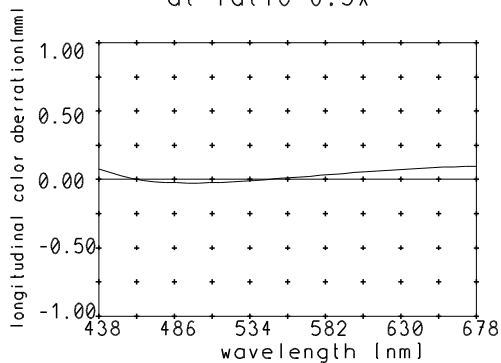


Distortion at ratio 10x to 1x



— sagittal, o Diffraction limited value
 — meridional * Diffraction limited value

Longitudinal color aberration at ratio 0.5x



Named frequencies (line pairs/mm) in modular transfer function (MTF) as well as diagrams of relative light fall-off, distortion and longitudinal color aberration refer to film plane.