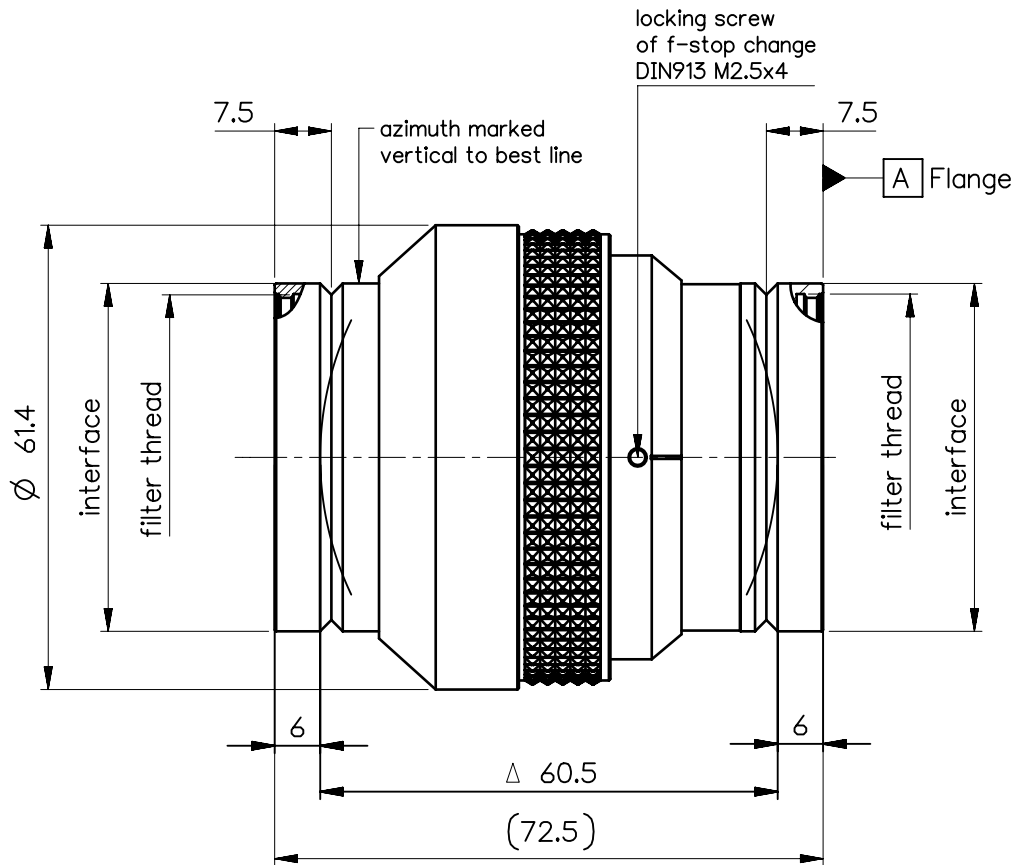
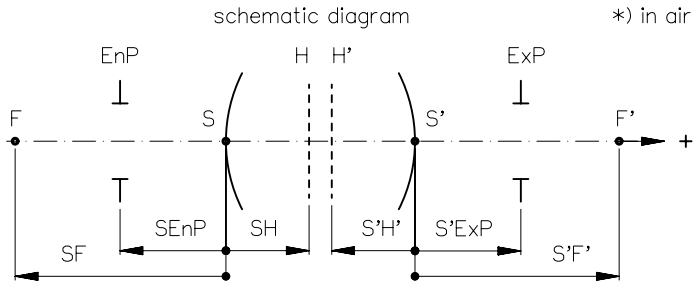


order number	lens name
0703-082-000-20	inspec.x L 5.6/105 -1x



Specification		ON	7608-9011
image circle max. (mm)	82	working distance (mm)	153 - 190
focal length f' (mm)	105.4	interface	V-groove $\varnothing 46$ h7
magnification β' [range]	-1 [-1.2 ... -0.85]	filter thread	M43 x0.75
spectral range λ (nm)	400 - 750	weight (g)	370

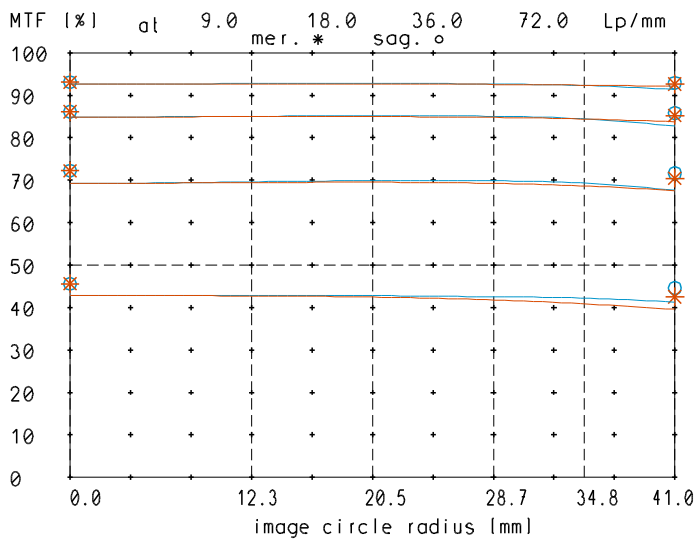


design includes CCD cover glass:		yes 0.76mm D263		
SF (mm)	-71.4	f-stop	\varnothing EnP	\varnothing Exp
S'F' (mm) *	71.4	5.6	18.8	18.8
HH' (mm) *	-7.5	8	13.2	13.2
SH (mm)	34.0	11	9.6	9.6
S'H' (mm) *	-34.0	16	6.6	6.6
SEnP (mm)	34.1	22	4.8	4.8
S'Exp (mm) *	-34.0			

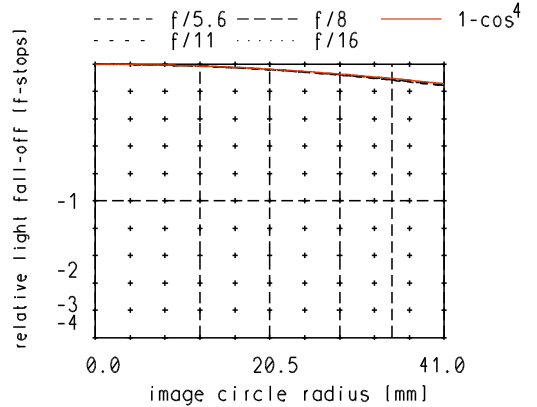
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D		AL-T1A		US-D		US-ML		not export controlled		
	REV		DATE		APPROVED		PDM Status		Freigabe		
	a Neuausg						SCALE		1:1		
	b 08-110		19.09.08		Labarte		MATERIAL				
	c 08-110		26.09.08		Labarte		TITLE		inspec.x L 5.6/105 -1x		
	d 08-110		03.12.08		Strozew		BASIC TOLERANCING PRINCIPLE		ISO 8015		
	e 08-420		08.12.08		Labarte		FIRST ISSUE		DATE		
	f 11-358		19.07.11		Kuehne		NAME		NAME		
	g 11-358		21.02.12		Kuehne		ISSUE		14.05.08		
	h 14-0184		19.08.14		Schiffe		CHKD		14.05.08		
i 15-0640		31.07.15		Boil							
DIN A 4		ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT						DRAWING NO.		SHEET 1 OF 1	
								0703-082-100-00-0001i			
								REPLACES			

Inspec.x_L_5.6/105_1.0x

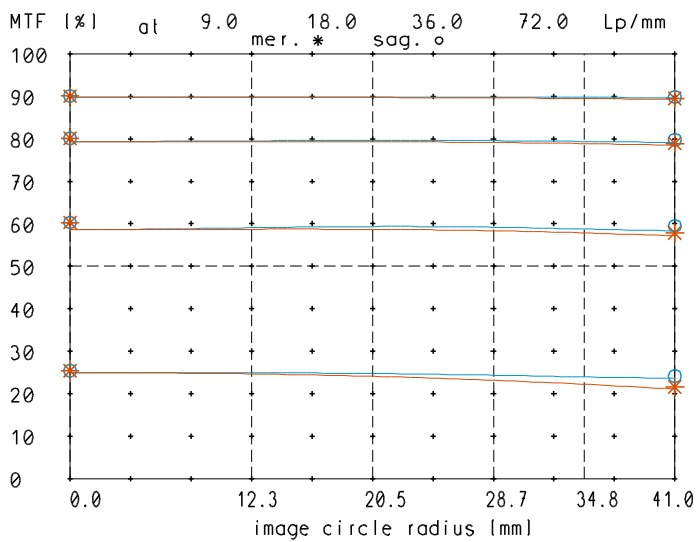
MTF at ratio 1.0x f/ 5.6



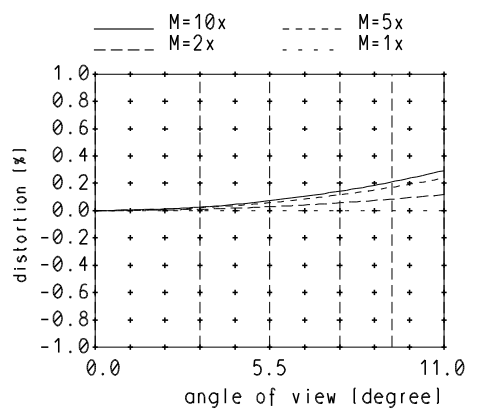
relative light fall-off at ratio 1.0x



MTF at ratio 1.0x f/ 8

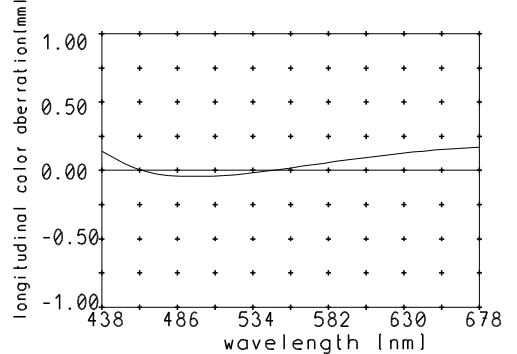


Distortion at ratio 10x to 1x



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

Longitudinal color aberration at ratio 1.0x



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.