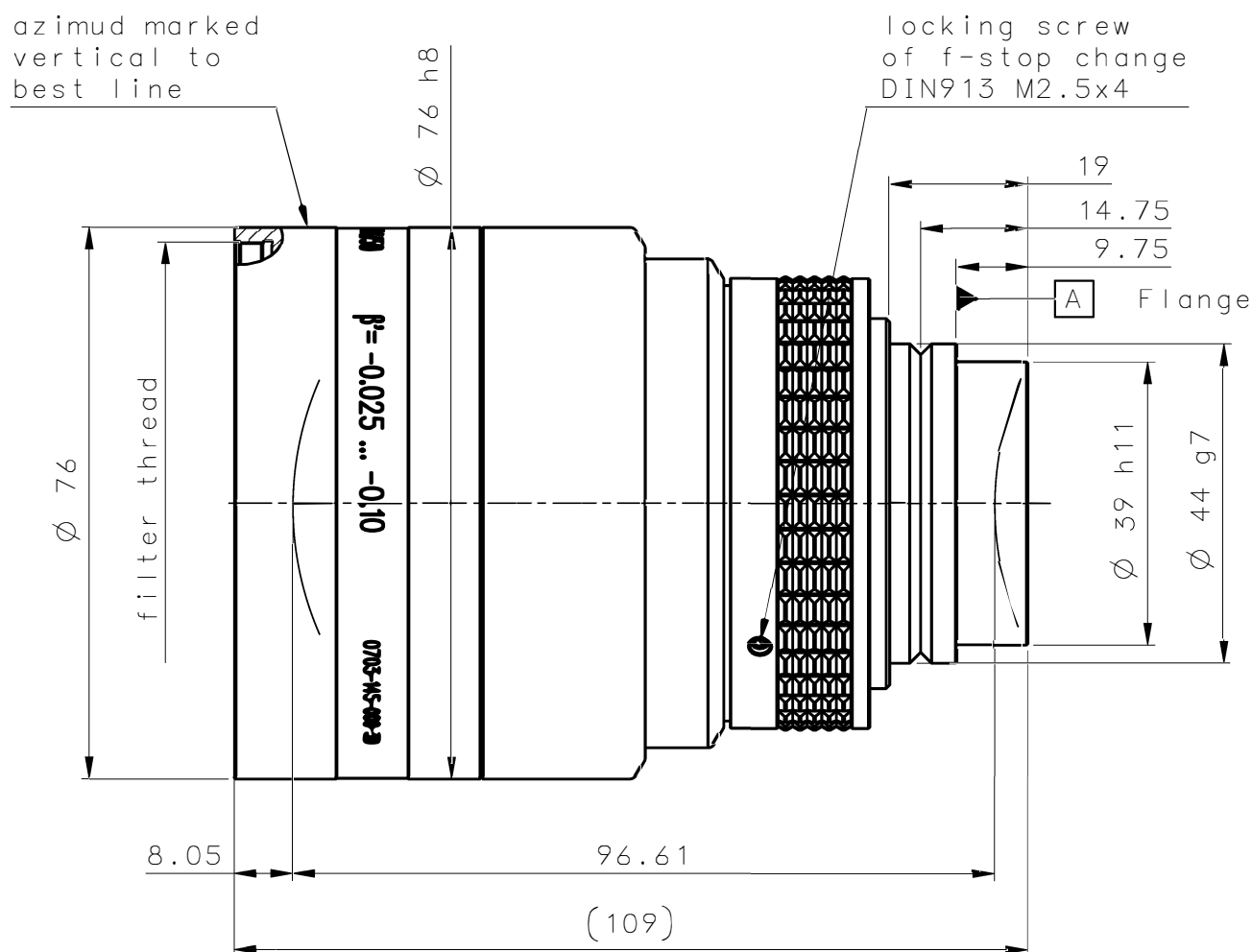
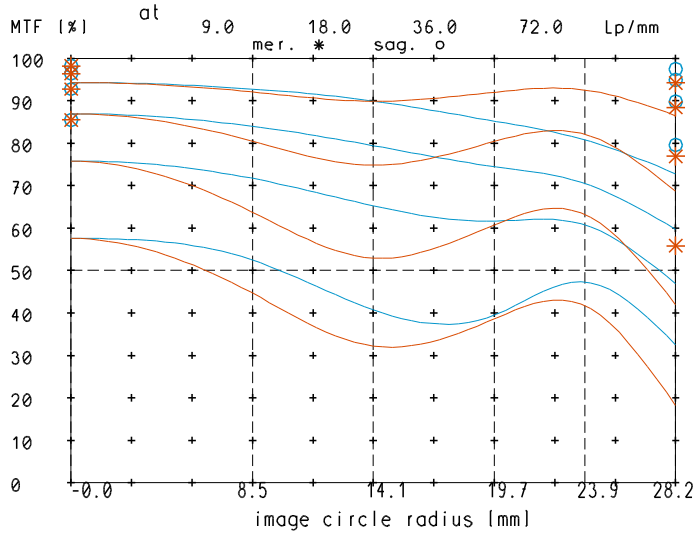




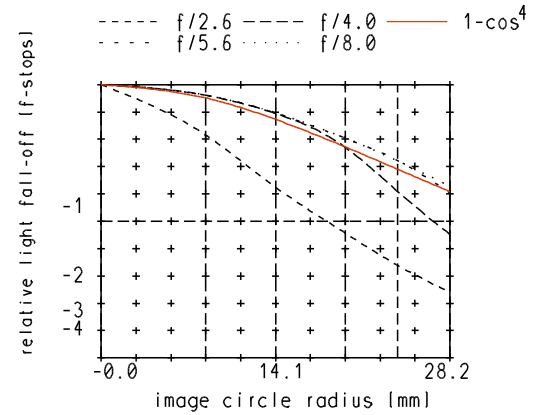
Specification				ON				7608-9411															
image circle max. (mm)				56.8				working distance (mm)				494 - 1993											
focal length f' (mm)				50.4				interface				V-groove Ø 44g7											
magnification β' [range]				-0.063 [-0.025 ... -0.1]				filter thread				M72 x0.75											
spectral range λ (nm)				400 - 750				weight (g)				800											
schematic diagram *) in air								design includes CCD cover glass: yes 0.76mm D263															
								SF (mm)				1.2				f-stop		Ø EnP		Ø ExP			
								S'F' (mm) *)				41.0				2.6		18.9		21.3			
								HH' (mm) *)				35.7				4		12.5		14.1			
								SH (mm)				51.5				5.6		8.9		10.1			
								S'H' (mm) *)				-9.4				8		6.3		7.1			
								SEnP (mm)				45.8				11		4.5		5.1			
								S'ExP (mm) *)				-15.9				16		3.1		3.5			
EU-D				AL-T1A				US-D				US-ML				not export controlled							
												PDM-Status				Freigabe				-			
REV		ECC		DATE		APPR.		GENERAL TOLERANCE OF DIMENSION, FORM, POS.		SURF. TREATMT		SCALE 1:1 (1:4)											
a		Neuausg		08.08.22								MATERIAL											

d.fine_HR-M_2.6_50_mag=-0.06

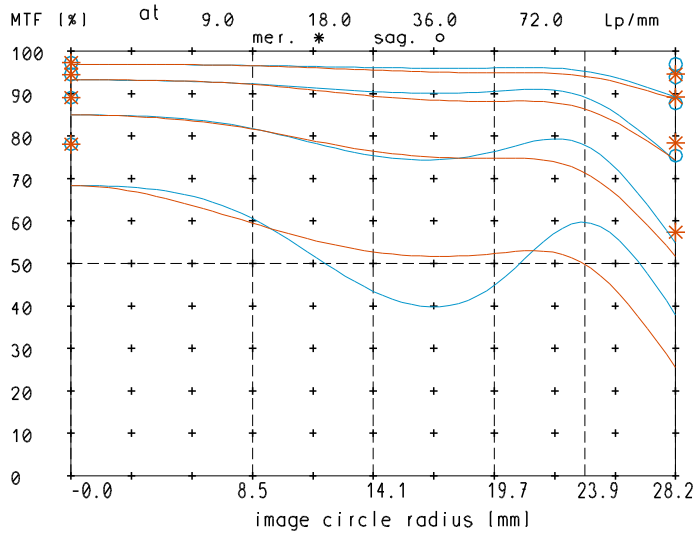
MTF at ratio 0.06x f/ 2.6



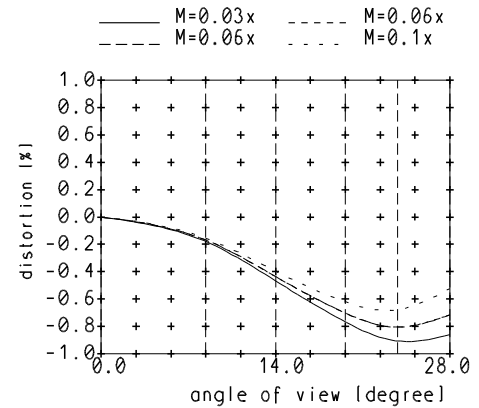
relative light fall-off
at ratio 0.06x



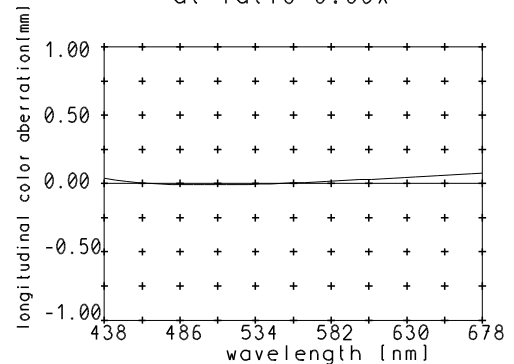
MTF at ratio 0.06x f/ 4



Distortion at ratio 0.03x to 0.1x



Longitudinal color aberration
at ratio 0.06x



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.