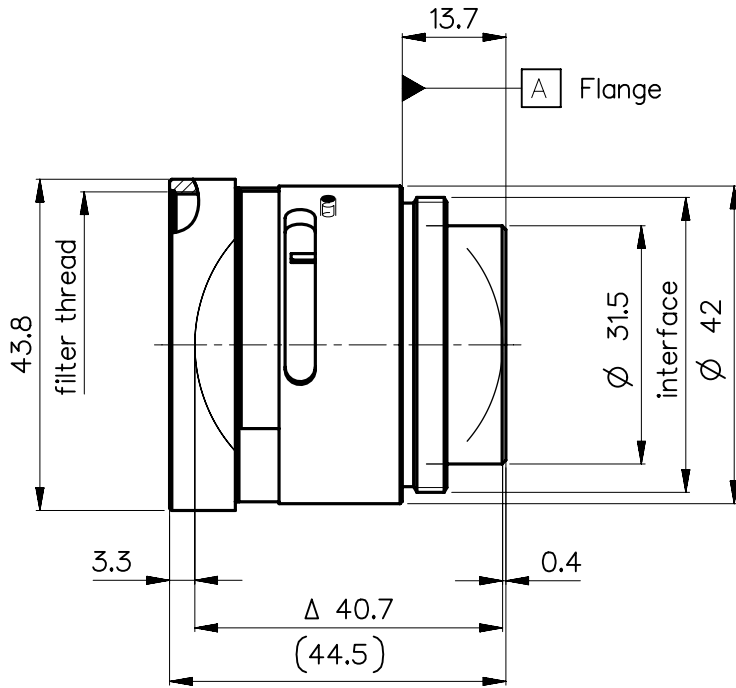


order number	lens name
0701-391-000-44	Rodagon 4/80 full metal



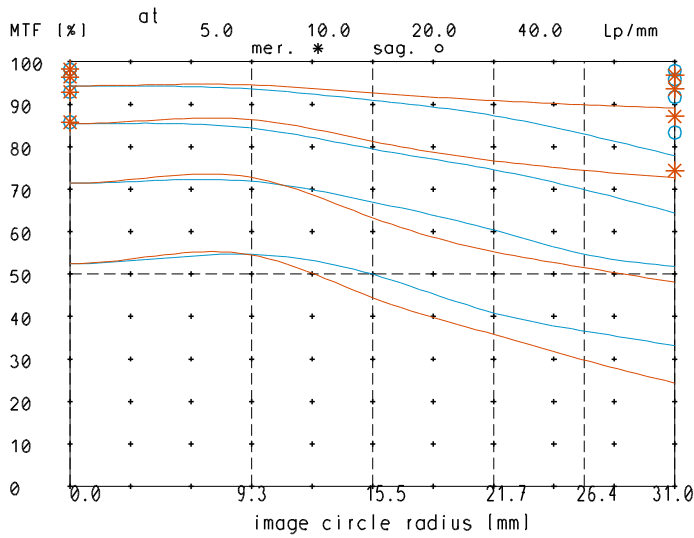
Specification		ON	7431-9001
image circle max. (mm)	62	working distance (mm)	216 - 1406
focal length f' (mm)	81.1	interface	M39 x1/26" (Leica)
magnification β' [range]	-0.25 [-0.5 ... -0.06]	filter thread	M40.5 x0.5
spectral range λ (nm)	400 - 750	weight (g)	115

	schematic diagram		*) in air	
	design includes CCD cover glass: no			
	SF (mm)	-57.7	f-stop	
	S'F' (mm) *)	61.3	Ø EnP	20.3
	HH' (mm) *)	-2.6	Ø Exp	20.3
	SH (mm)	23.4		
	S'H' (mm) *)	-19.9		
	SEnP (mm)	23.5		

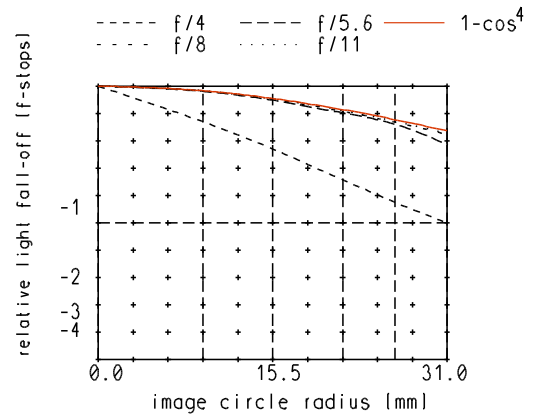
NX PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D	AL-T1A	US-D	US-ML	not export controlled	
	REV	ECC	DATE	APPROVED	PDM Status	
	a	Neuausg			Freigabe	-
	b	14-0184	12.08.14	Schiffe		
				SCALE	1:1	
				MATERIAL		
				TITLE	Rodagon 4/80 full metal	
				FIRST ISSUE	09.11.12 Schubert	
				CHKD	09.11.12 Zeitlhack	
				DRAWING NO.	0701-391-100-44-0001b	
				REPLACES		
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT				SHEET 1 OF 1	

Rodagon_80

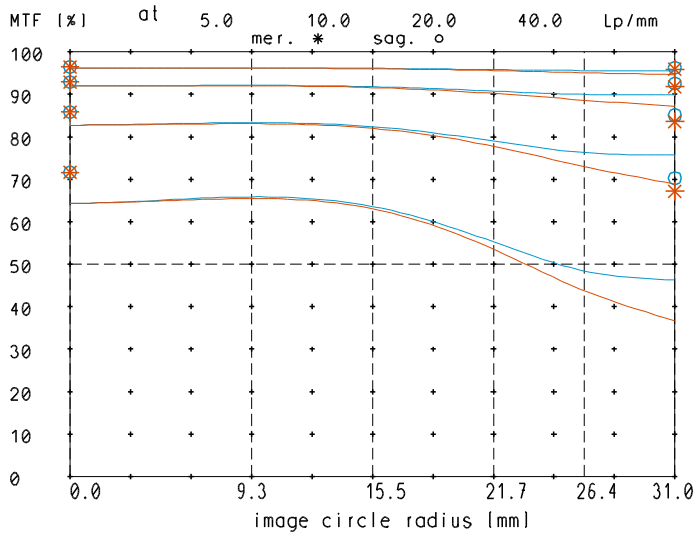
MTF at ratio 0.25x f/ 4



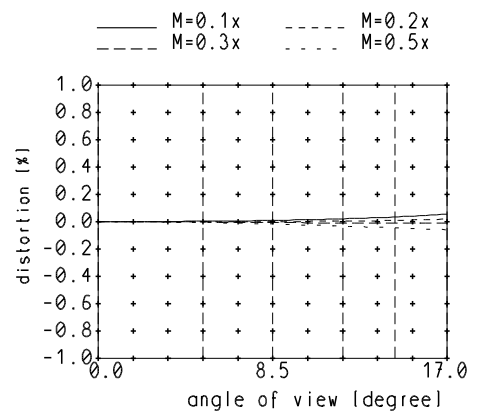
relative light fall-off at ratio 0.25x



MTF at ratio 0.25x f/ 8

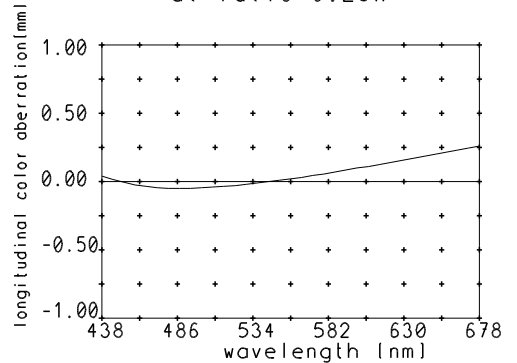


Distortion at ratio 0.1x to 0.5x



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

Longitudinal color aberration at ratio 0.25x



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.