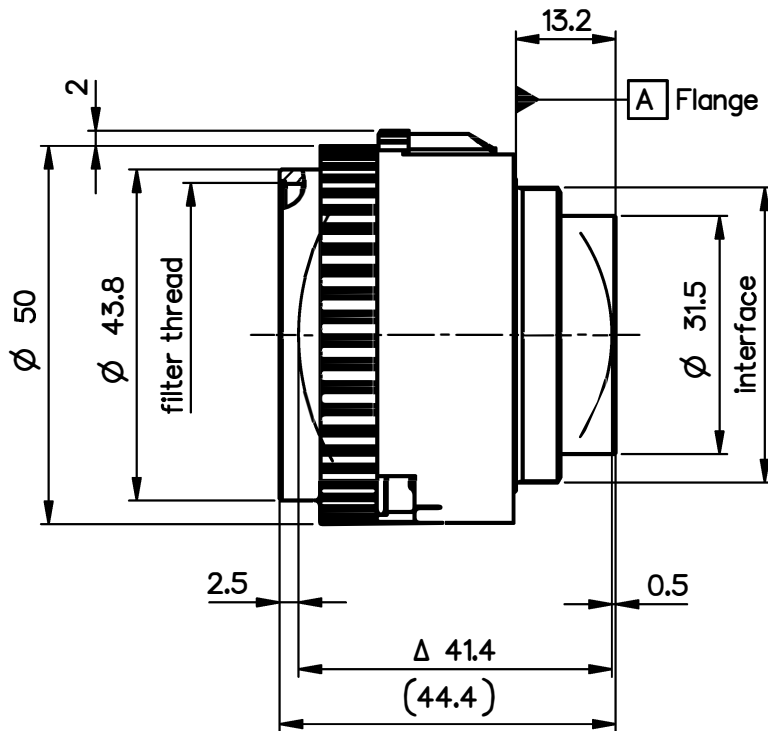
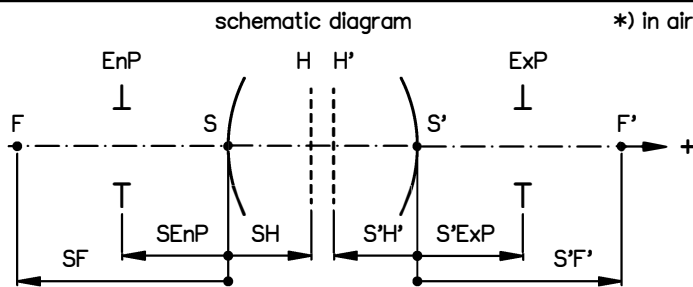


order number	lens name
0703-094-000-20	Apo-Rodagon-N 4/90



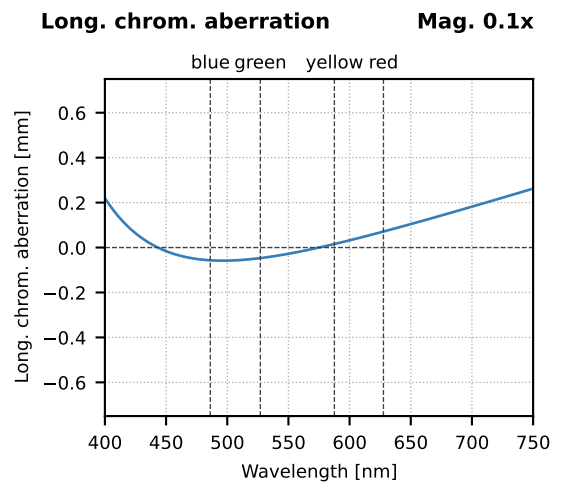
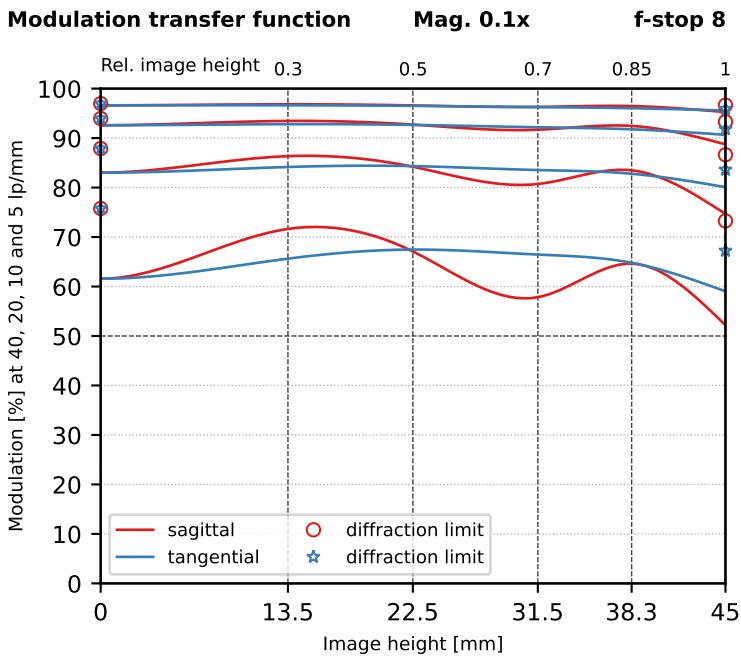
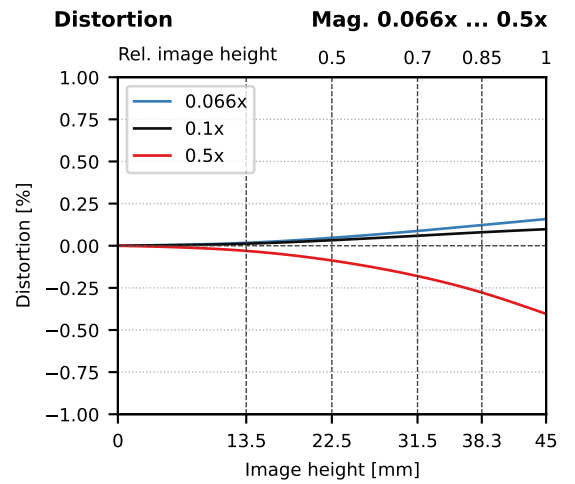
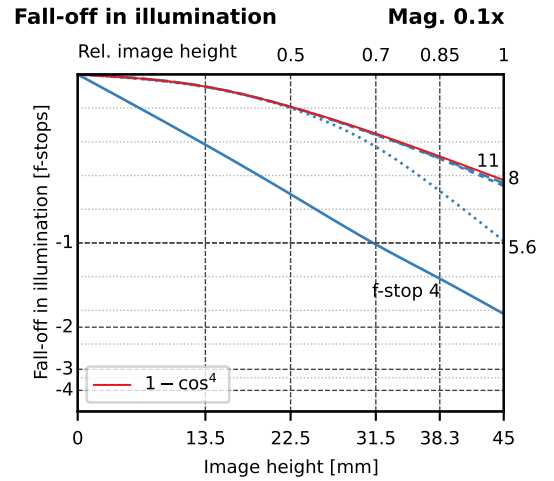
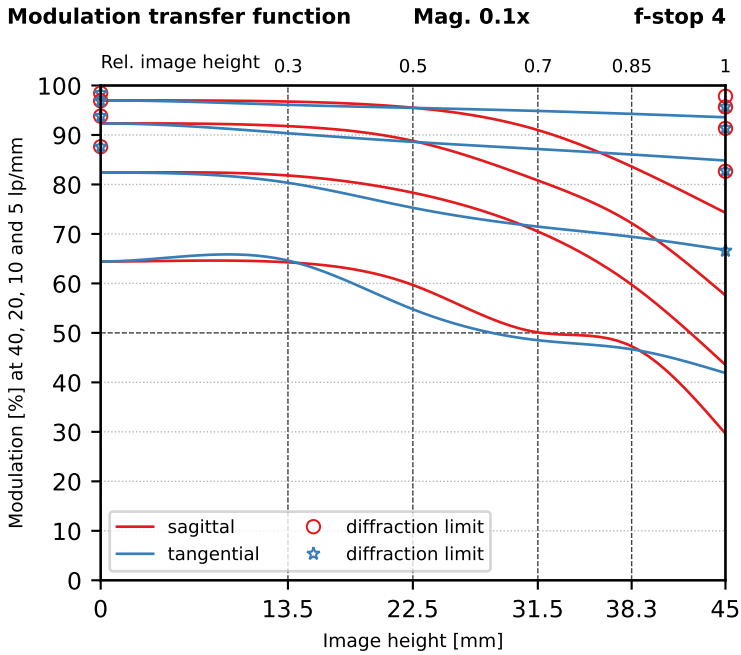
Specification	ON	7512-9122	
image circle max. (mm)	90	working distance (mm)	241 - 1426
focal length f' (mm) *	90.1	interface	M39 x1/26" (Leica)
magnification β' [range]	-0.1 [-0.5 ... -0.066]	filter thread	M40.5 x0.5
spectral range λ (nm)	400 - 750	weight (g)	120



design includes CCD cover glass:	no		
SF (mm)	-63.4	f-stop	4
S'F' (mm) *	72.2	Ø EnP	22.0
HH' (mm) *	-3.2	Ø Exp	22.2
SH (mm)	26.65		
S'H' (mm) *	-17.9		
S'EnP (mm)	25.8		
S'Exp (mm) *	-18.8		

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 Freigabe
	a	Neuausg			-
	b	11-262	20.05.11		
c	14-0184	19.08.14			
				SCALE 1:1	
				MATERIAL	
				TITLE	
				Apo-Rodagon-N 4/90	
				DRAWING NO.	
				0703-094-100-00-0001c	SHEET 1
				REPLACES 0703-055-100-00	OF 1
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT				

Apo-Rodagon-N 4/90



All spatial frequencies [lp/mm], image heights [mm] and magnifications are related to sensor side.