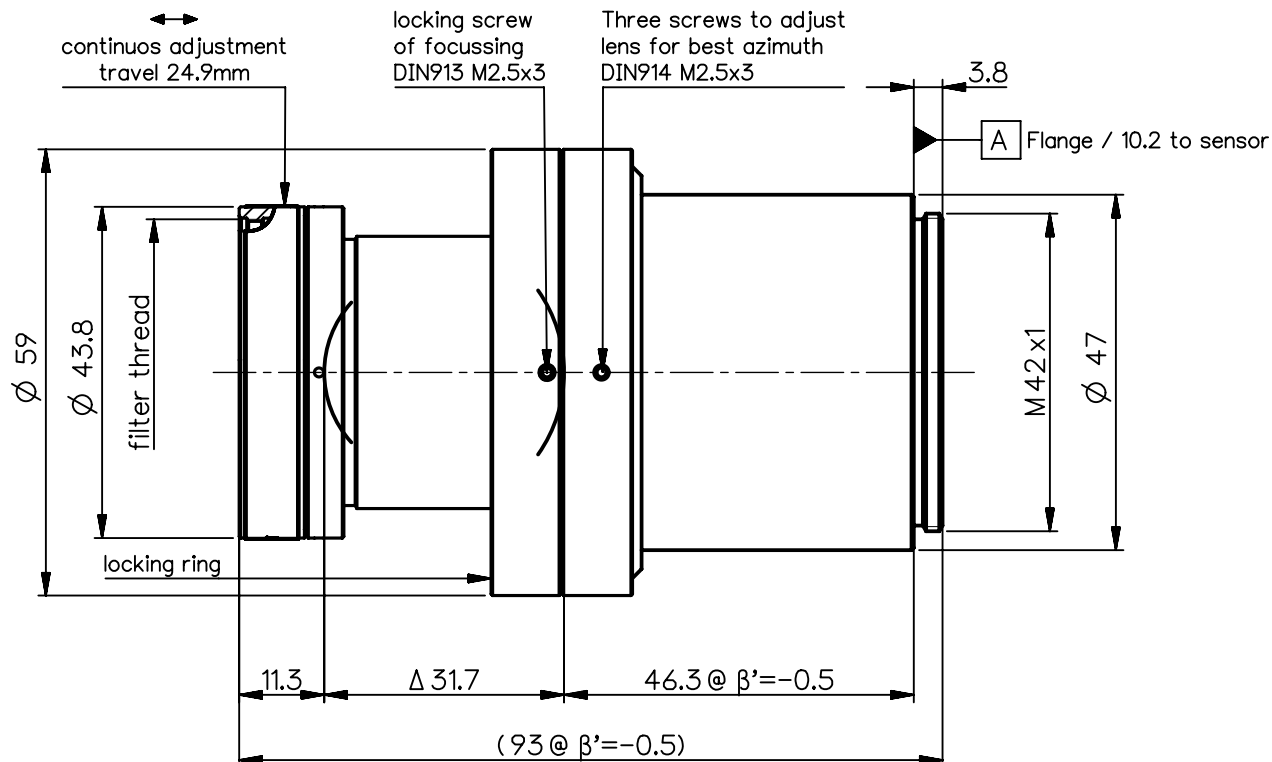
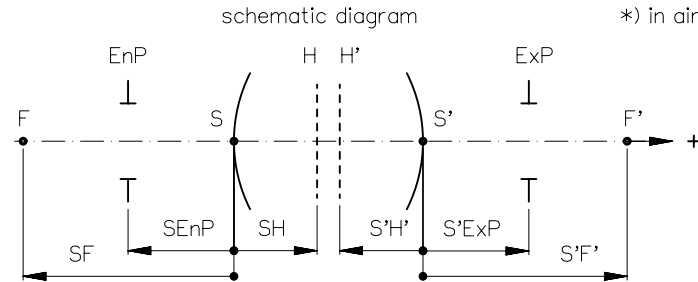


order number	lens name	f-stop
0703-119-000-24	Rodagon M42 2.8/50	2.8
0703-119-000-25	Rodagon M42 4/50	4
0703-119-000-26	Rodagon M42 5.6/50	5.6

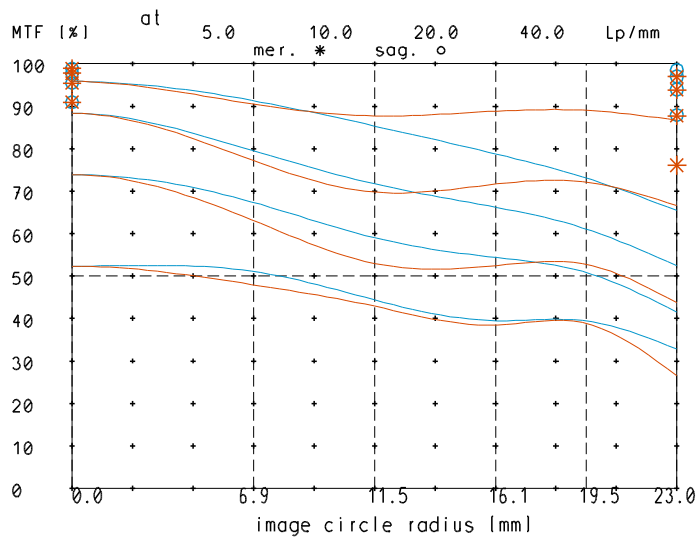


Specification		ON	7509-9004			
image circle max. (mm)	40	working distance (mm)	124 - 1545			
focal length f' (mm)	50.2	interface	M42x1			
magnification β' [range]	-0.1 [-0.5 ... -0.033]	filter thread	M40.5x0.5			
spectral range λ (nm)	400 - 750	weight (g)	210			
schematic diagram *) in air 		design includes CCD cover glass:		no		
		SF (mm)	-34.5	f-stop	Ø EnP	Ø Exp
		S'F' (mm) *)	31.43	2.8	17.4	18.1
		HH' (mm) *)	-2.8	4	12.5	13.0
		SH (mm)	15.7	5.6	8.9	9.3
		S'H' (mm) *)	-18.8			
		SEnP (mm)	13.8			
		S'Exp (mm) *)	-20.8			

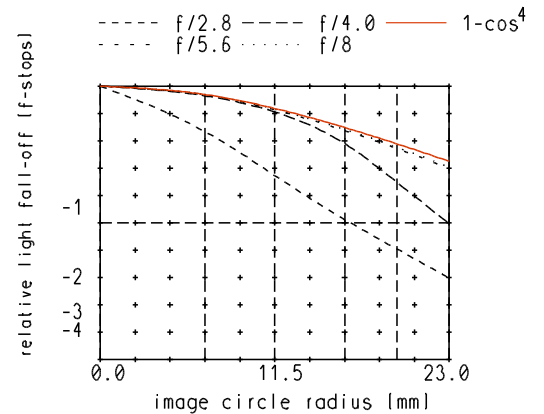
NX	EU-D		AL-T1A		US-D		US-ML		not export controlled			
							PDM Status Freigabe		-			
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	REV	ECC	DATE	APPROVED	GENERAL TOLERANCE OF DIMENSION, FORM, POS.		SURF. TREATMT		SCALE 1:1			
	a	NeuAusg	11.03.15	Bo II					MATERIAL			
	b	17-0697	20.09.17	Loesch								
					BASIC TOLERANCING PRINCIPLE		TITLE Rodagon M42 50mm					
					FIRST				DATE		NAME	
					ISSUE				11.03.15		Bo II	
					CHKD				11.03.15		Stauder	
							DRAWING NO. 0703-119-100-00-0001b		SHEET OF			
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT						REPLACES					

Rodagon-M42_2.8/50

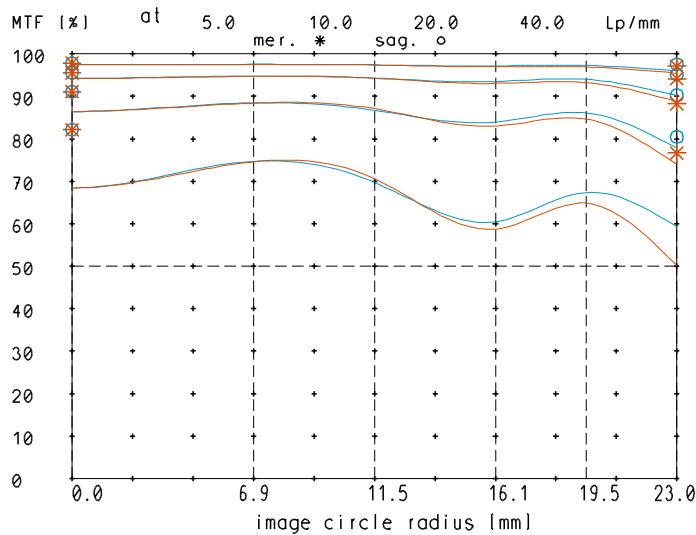
MTF at ratio -0.1x f/ 2.8



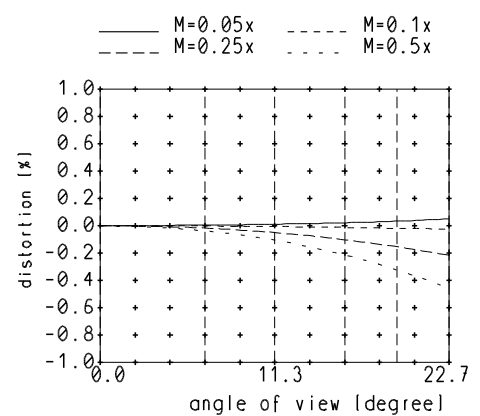
relative light fall-off
at ratio -0.1x



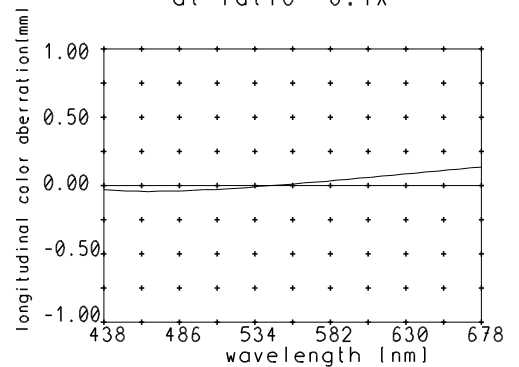
MTF at ratio -0.1x f/ 5.6



Distortion at ratio 0.05x to 0.5x



Longitudinal color aberration
at ratio -0.1x



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.