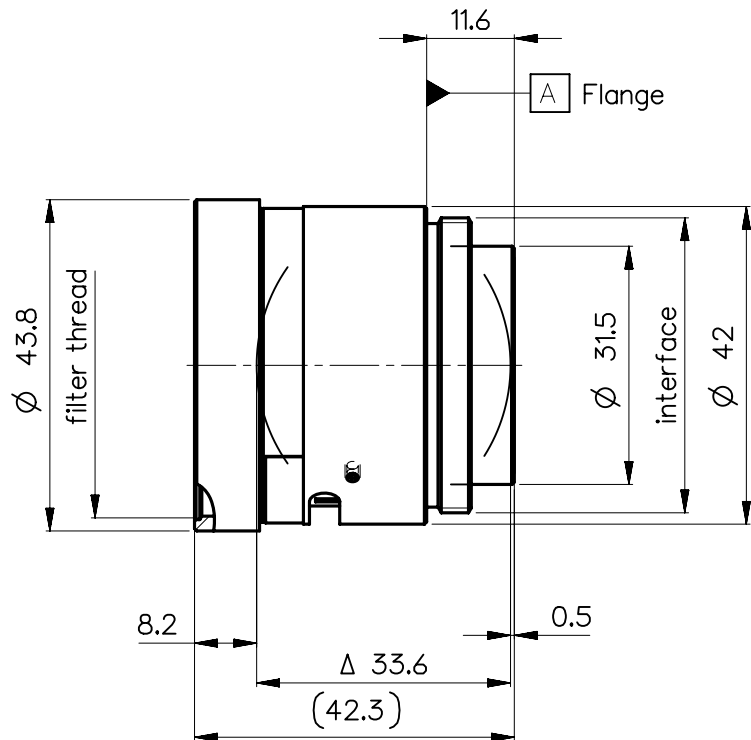
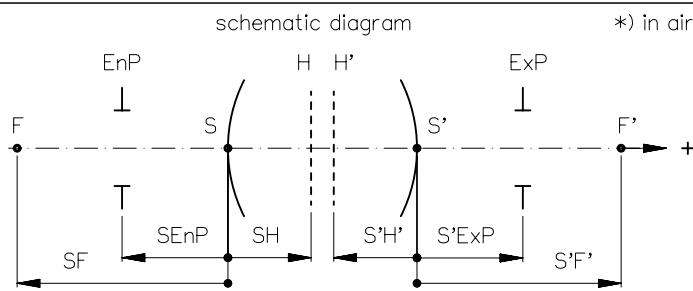


order number	lens name
0701-394-000-42	Rodagon 5.6/105 full metal



Specification		ON	7453-9001
image circle max. (mm)	104	working distance (mm)	292 - 1853
focal length f' (mm)	106.4	interface	M39 x1/26" (Leica)
magnification β' [range]	-0.17 [-0.5 ... -0.06]	filter thread	M40.5 x0.5
spectral range λ (nm)	400-750	weight (g)	110

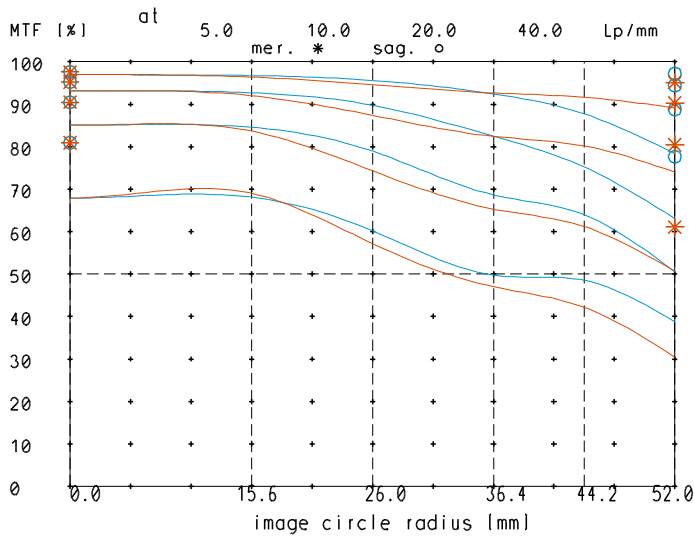


design includes CCD cover glass:		no		
SF (mm)	-88.0	f-stop	Ø EnP	Ø Exp
S'F' (mm) *	90.5	5.6	18.6	18.8
HH' (mm) *	-0.9	8	13.3	13.4
SH (mm)	18.5	11	9.7	9.8
S'H' (mm) *	-16.0	16	6.6	6.7
S'EnP (mm)	17.3	22	4.8	4.9
S'Exp (mm) *	-17.2			

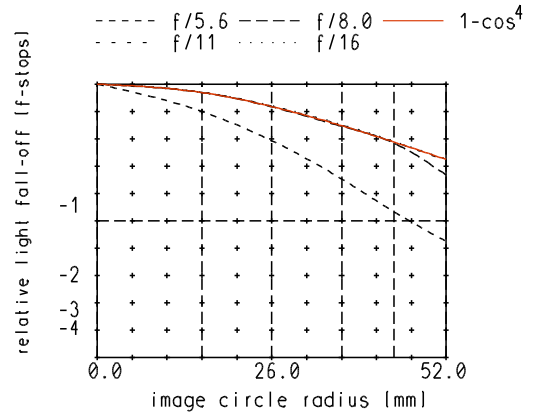
NX PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D		AL-T1A		US-D		US-ML		not export controlled		
	REV	ECC	DATE	APPROVED	GENERAL TOLERANCE OF DIMENSION, FORM, POS.		SURF. TREATMT		PDM Status Freigabe		
	a	Neuausg							SCALE 1:1		
	b	14-0184	12.08.14	Schiffe					MATERIAL		
						BASIC TOLERANCING PRINCIPLE		TITLE			
								Rodagon 5.6/105 full metal			
						FIRST ISSUE		DATE		NAME	
						29.03.12		29.03.12		Schubert	
						CHKD		29.03.12		Zeitelhack	
								DRAWING NO.			
								0701-394-100-42-0001b			
DIN A 4 ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT								REPLACES			
								SHEET 1 OF 1			

Rodagon_5.6/105

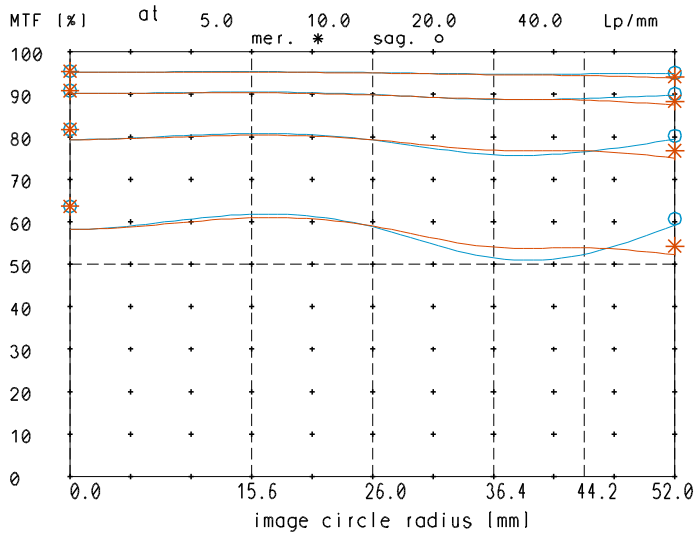
MTF at ratio -0.17 f/ 5.6



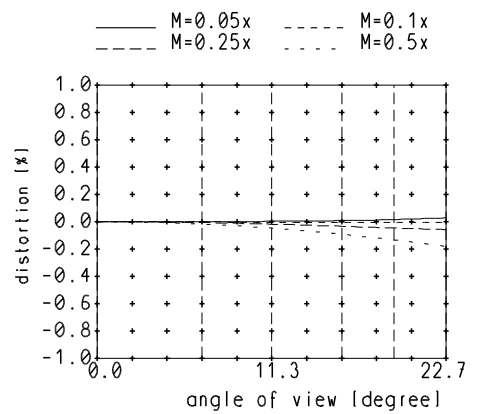
relative light fall-off at ratio -0.17



MTF at ratio -0.17 f/ 11

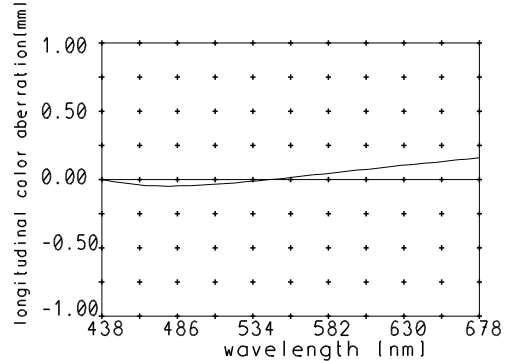


Distortion at ratio 0.05x to 0.5x



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

Longitudinal color aberration at ratio -0.17



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.