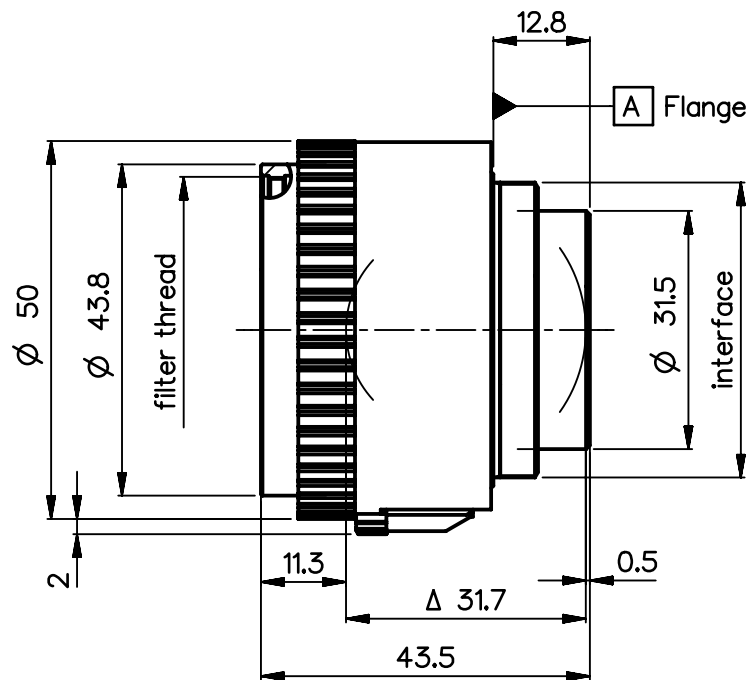
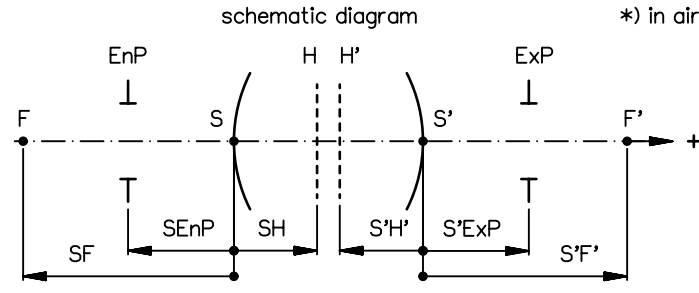


order number	lens name
0701-345-000-40	Rodagon 2.8/50



Specification	ON	7509-9001	
image circle max. (mm)	44	working distance (mm)	123 - 782
focal length f' (mm) *	50.2	interface	M39 x1/26" (Leica)
magnification β' [range]	-0.1 [-0.5 ... -0.07]	filter thread	M40.5 x0.5
spectral range λ (nm)	400 - 750	weight (g)	100



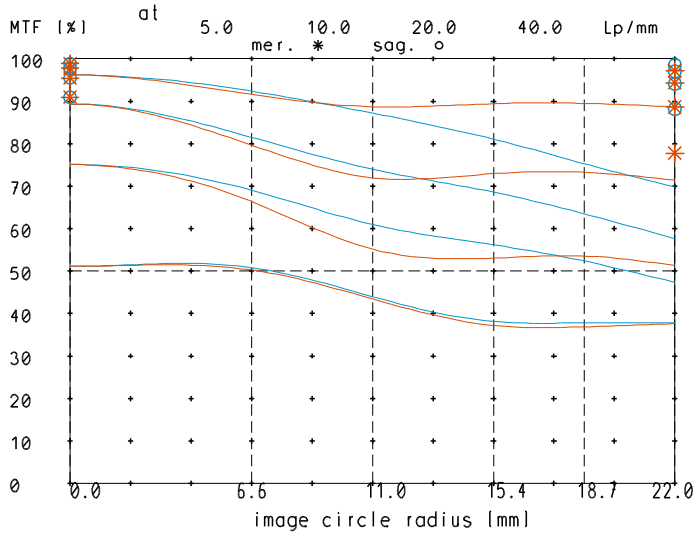
design includes CCD cover glass:	no		
SF (mm)	-34.5	f-stop	2.8
S'F' (mm) *	31.4	Ø EnP	17.4
HH' (mm) *	-2.8	Ø Exp	18.1
SH (mm)	15.7		
S'H' (mm) *	-18.8		
S'EnP (mm)	13.8		
S'Exp (mm) *	-20.8		

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
	b	08-281	26.05.08	Stroze	SCALE	1:1
	c	09-114	16.03.09	Labarte	MATERIAL	
	d	14-0184	13.03.14	Schiffe	TITLE	Rodagon 2.8/50
e	14-0184	12.08.14	Schiffe	BASIC TOLERANCING PRINCIPLE	ISO 8015	
				FIRST ISSUE	DATE	NAME
				ISSUE	26.05.08	Strozews
				CHKD	26.05.08	Schaeffler
				DRAWING NO.	0701-345-100-40-0001e	
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT			REPLACES	SHEET	1
					OF	1

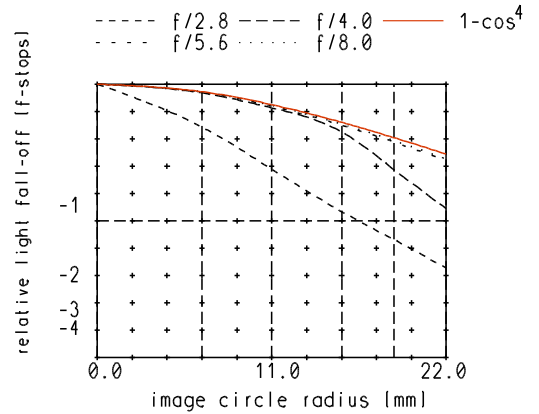


Rodagon_2.8/50

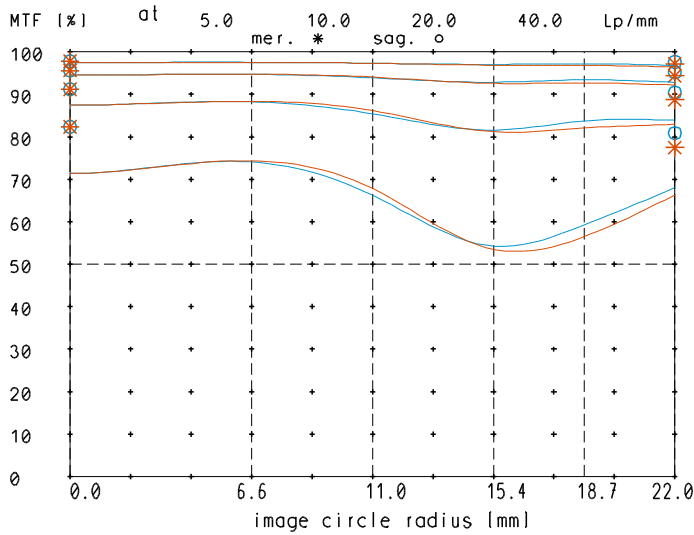
MTF at ratio 0.1x f/ 2.8



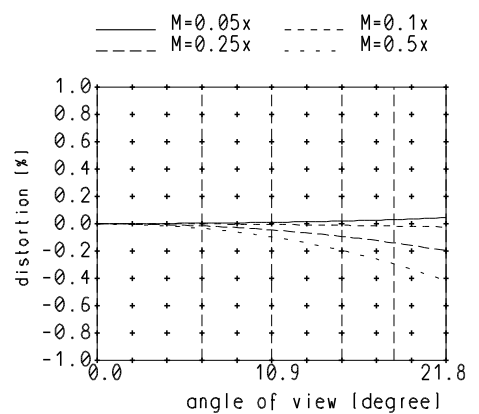
relative light fall-off at ratio 0.1x



MTF at ratio 0.1x f/ 5.6

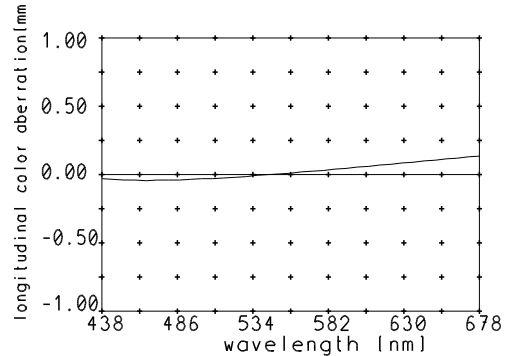


Distortion at ratio 0.05x to 0.5x



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

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.