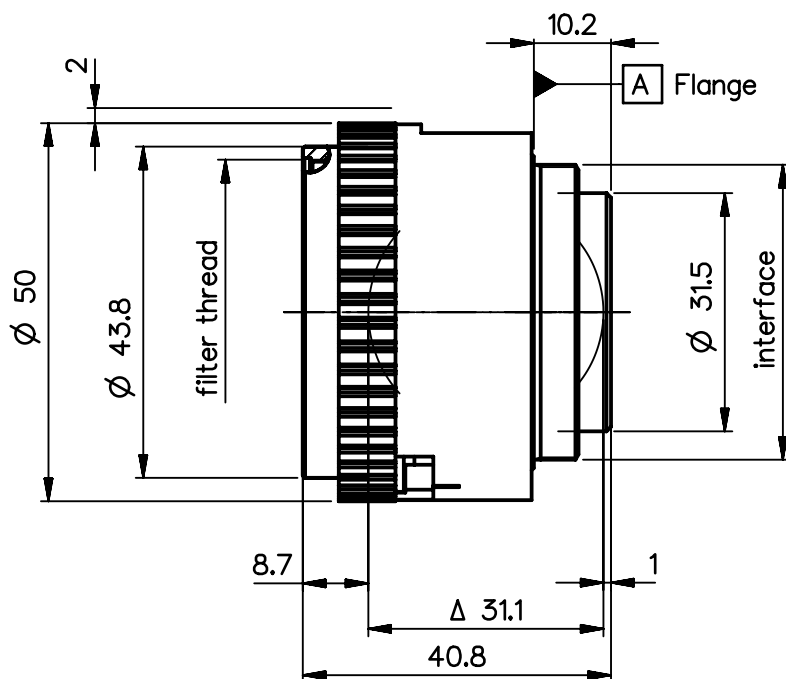
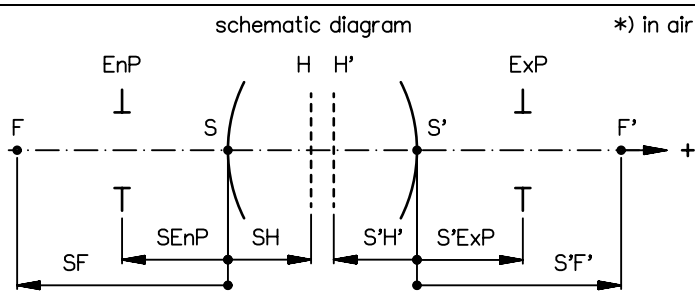


order number	lens name	Azimut
0701-393-000-40	Rodagon 4/60	-
0701-393-000-43	Rodagon 4/60	marked



Specification		ON	7441-9001
image circle max. (mm)	56	working distance (mm)	159 - 1067
focal length f' (mm) *	62	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)	100

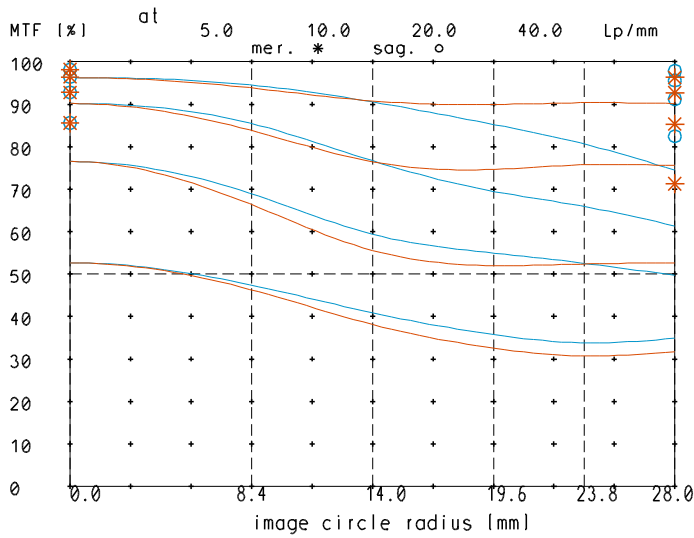


design includes CCD cover glass:		no		
SF (mm)	-44.1	f-stop	Ø EnP	Ø Exp
S'F' (mm) *	46.9	4	15.4	15.5
HH' (mm) *	-2.0	5.6	11.1	11.1
SH (mm)	17.9	8	7.7	7.8
S'H' (mm) *	-15.1	11	5.6	5.7
SEnP (mm)	17.5	16	3.9	3.9
S'Exp (mm) *	-15.6	22	2.8	2.8

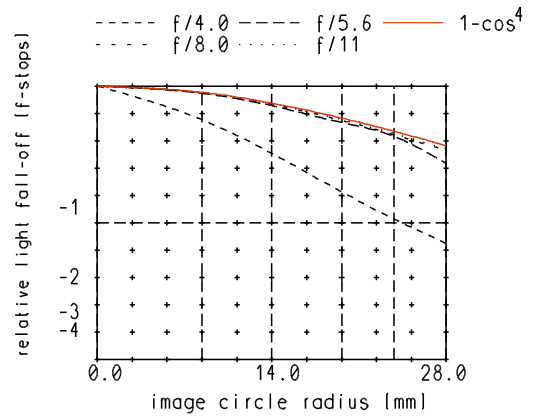
NX PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D	AL-T1A	US-D	US-ML	not export controlled
	REV	ECC	DATE	APPROVED	PDM Status Freigabe
	a	Neuausg			-
	b	06-007	14.12.06	Denk	SCALE 1:1
	c	11-358	18.07.11	Kuehne	MATERIAL
	d	11-027	22.09.11	Schiffte	TITLE
e	14-0184	20.03.14	Schiffte	Rodagon 4/60	
f	14-0184	12.08.14	Schiffte		
BASIC TOLERANCING PRINCIPLE -			FIRST DATE NAME ISSUE 11.03.04 Hegele CHKD 16.03.04 Riegg		
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT				
	DRAWING NO. 0701-393-100-00-0001f				SHEET 1 OF 1
REPLACES					

Rodagon_4/60

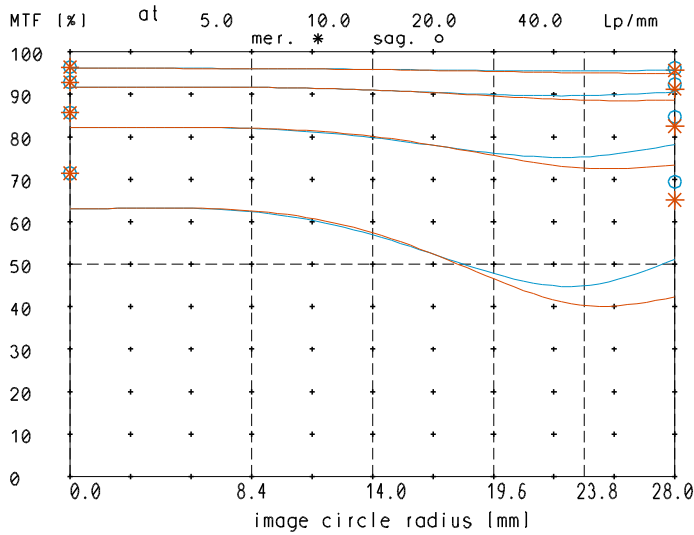
MTF at ratio -0.25 f/ 4.0



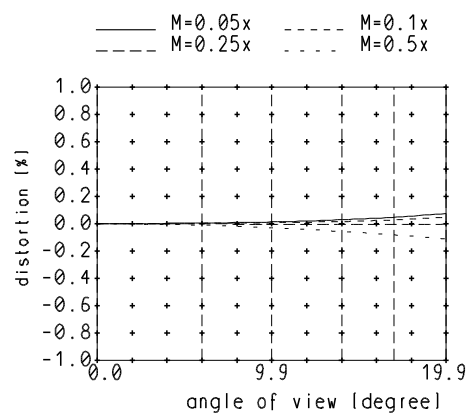
relative light fall-off at ratio -0.25



MTF at ratio -0.25 f/ 8

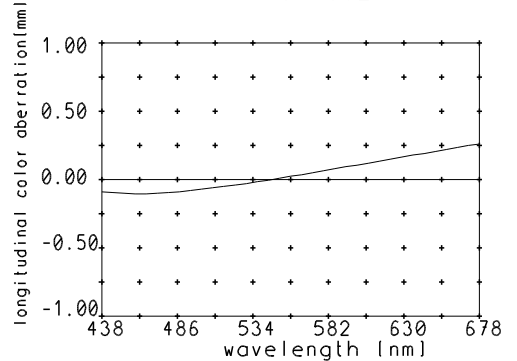


Distortion at ratio 0.05x to 0.5x



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

Longitudinal color aberration at ratio -0.25



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.