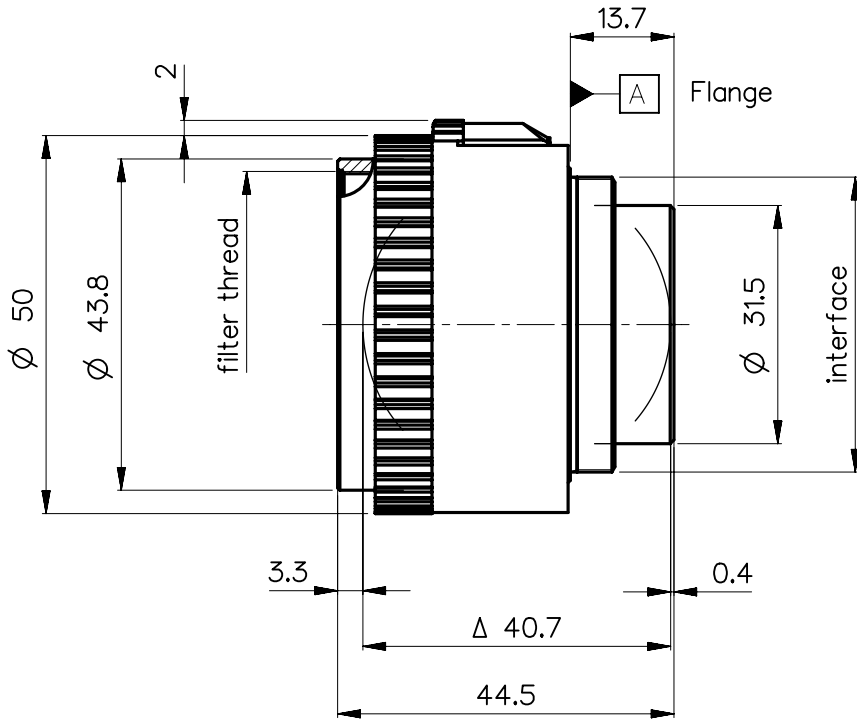
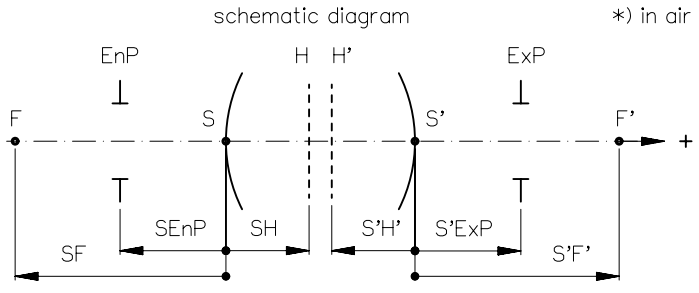


order number	lens name	Azimuth
0701-391-000-40	Rodagon 4/80	-
0701-391-000-42	Rodagon 4/80	marked



Specification		ON	7431-9001
image circle max. (mm)	62	working distance (mm)	216 - 1406
focal length f' (mm)	81.1	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)	115

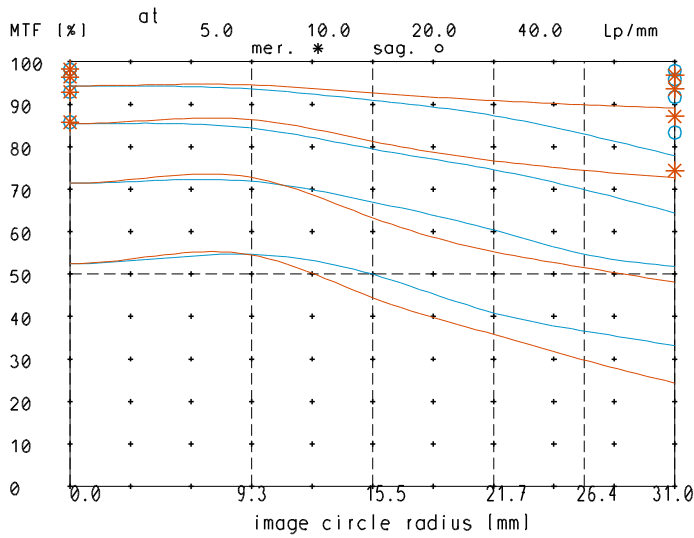


design includes CCD cover glass:		no		
SF (mm)	-57.7	f-stop	Ø EnP	Ø Exp
S'F' (mm) *	61.3	4	20.3	20.3
HH' (mm) *	-2.6	5.6	14.5	14.5
SH (mm)	23.4	8	10.1	10.1
S'H' (mm) *	-19.9	11	7.4	7.4
SEnP (mm)	23.5	16	5.1	5.1
S'Exp (mm) *	-19.8	22	3.7	3.7

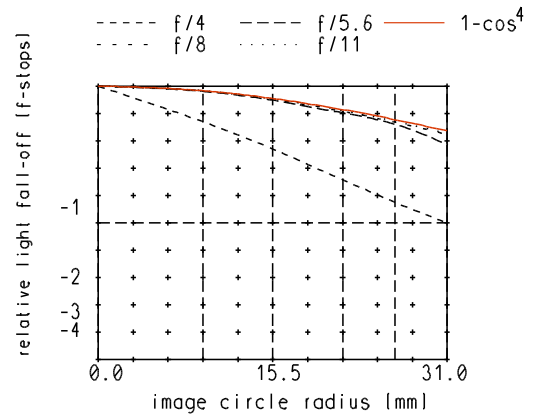
Schutzvermerk "DIN ISO 16016" beachten	EU-D		AL-T1A		US-D		US-ML		not export controlled	
							PDM-Status Freigabe		-	
	Rev.	Aenderung	Datum	Freigabe	zul. Abweichung für Mass, Form & Lage	Oberfläche	Maßstab 1:1		Benennung Rodagon 4/80	
	a	Neuausg								
	b	11-027	22.09.11	Schiff e	Tolerierung		Werkstoff		Erster- Datum Name stellung 22.07.11 Kuehne	
	c	12-0185	27.03.12	Schuber						
	d	14-0184	17.04.14	Schiff e						
e	14-0184	12.08.14	Schiff e	Prüfung 22.07.11 Stauder		Zeichnungsnummer 0701-391-100-00-0001f		Blatt 1 von 1		
f	16-0384	16.06.16	Bo ll							
DIN A 4	Alle Maße in mm, inklusive Oberflächenbehandlung					Ersatz für				

Rodagon_80

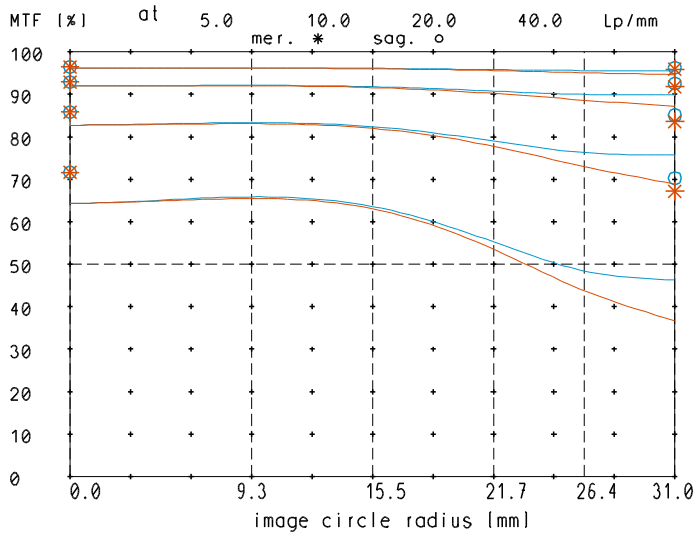
MTF at ratio 0.25x f/ 4



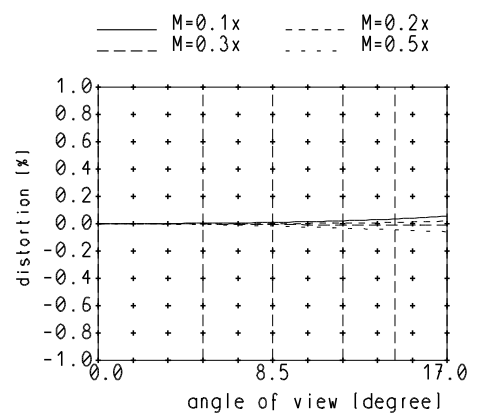
relative light fall-off at ratio 0.25x



MTF at ratio 0.25x f/ 8

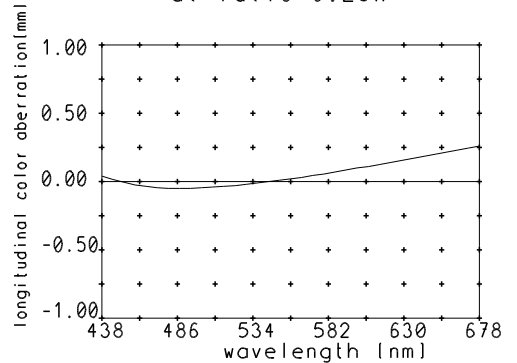


Distortion at ratio 0.1x to 0.5x



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

Longitudinal color aberration at ratio 0.25x



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.