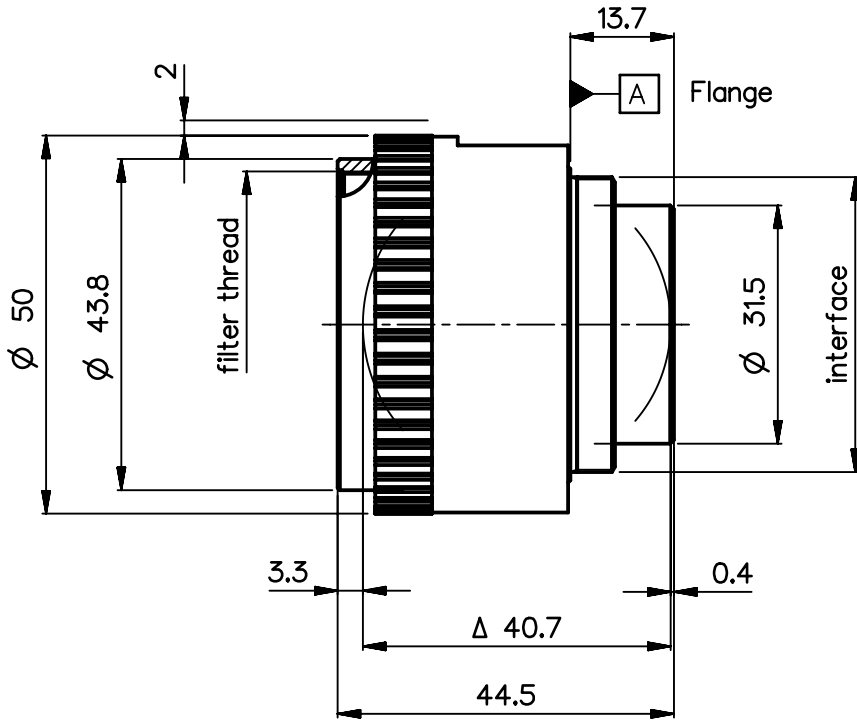
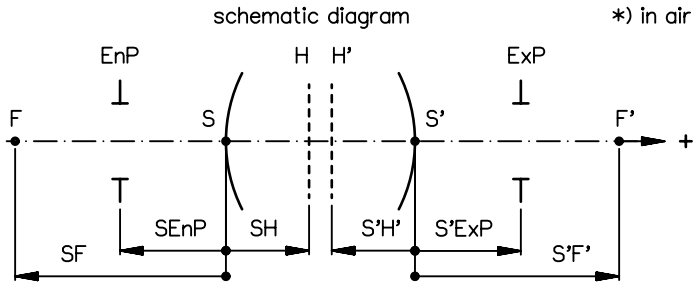


order number	lens name	Azimuth
0701-391-000-40	Rodagon 4/80	-
0701-391-000-42	Rodagon 4/80	marked



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

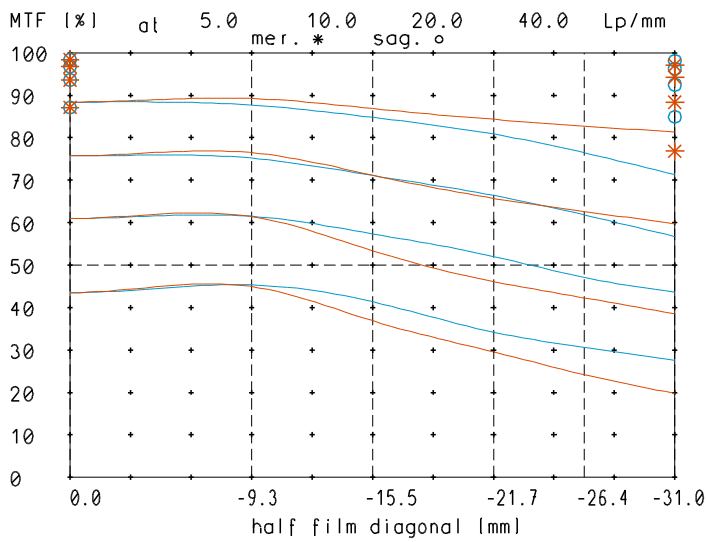


design includes CCD cover glass:		no		
SF (mm)	-57.7	f-stop	Ø EnP	Ø Exp
S'F' (mm) *	61.3	4	20.3	20.3
HH' (mm) *	-2.6	5.6	14.5	14.5
SH (mm)	23.4	8	10.1	10.1
S'H' (mm) *	-19.9	11	7.4	7.4
S'EnP (mm)	23.5	16	5.1	5.1
S'Exp (mm) *	-19.8	22	3.7	3.7

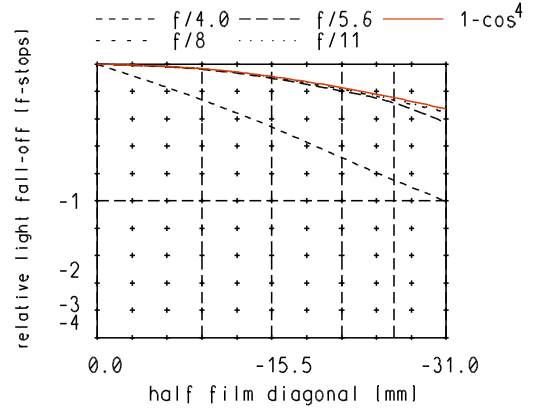
Schutzvermerk "DIN ISO 16016" beachten	EU-D	AL-T1A	US-D	US-ML	not export controlled
	Rev.	Aenderung	Datum	Freigabe	zul. Abweichung für Mass, Form & Lage
	a	NeuAusg			Oberfläche
	b	11-027	22.09.11	Schiffe	Maßstab 1:1
	c	12-0185	27.03.12	Schuber	Werkstoff
d	14-0184	17.04.14	Schiffe	Tolerierung	Benennung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

Rodagon_80

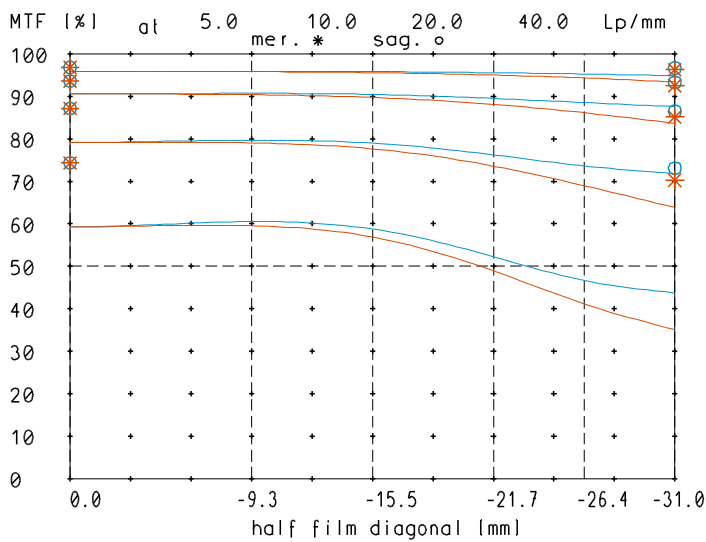
MTF at ratio 0.25x f/ 4.0



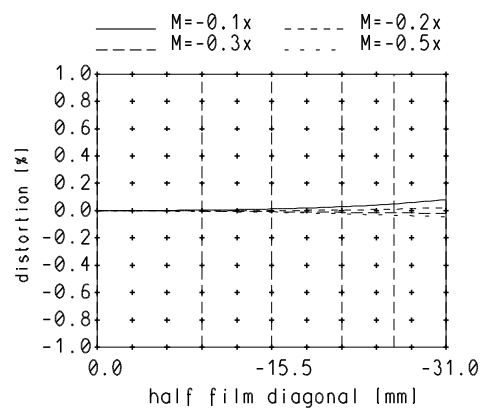
relative light fall-off at ratio 0.25x



MTF at ratio 0.25x f/ 8

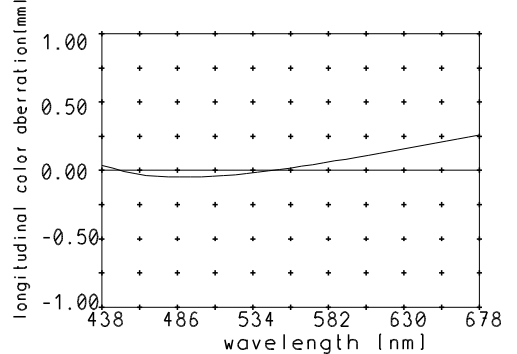


Distortion at ratio -0.1x to -0.5x



— sagittal, o 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.