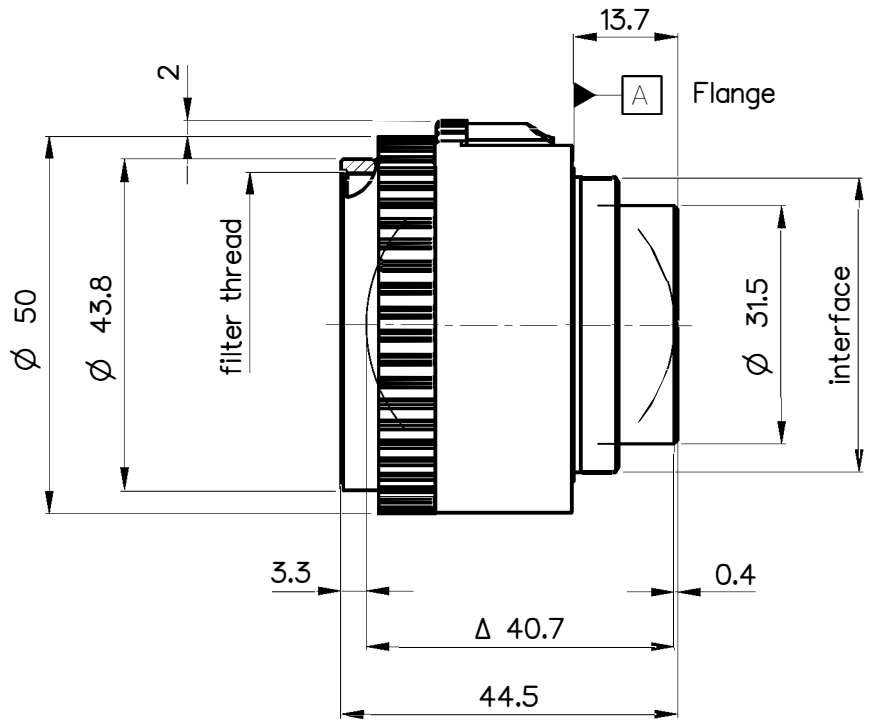
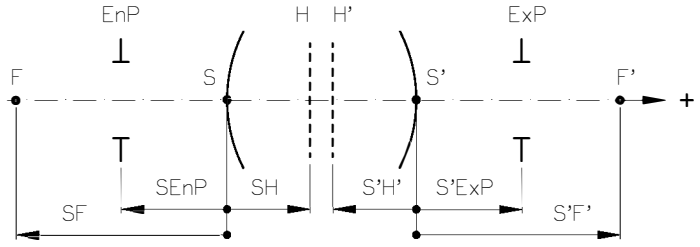
order number	lens name	Azimuth
0701-391-000-40	Rodagon 4/80	–
0701-391-000-42	Rodagon 4/80	marked



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

schematic diagram *) in air



		f-stop	Ø EnP	Ø ExP
SF (mm)	−57.7			
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

NX

EU-D	AL-T1A	US-D	US-ML	not export controlled
			PDM-Status Freigabe	–

Rev.	Aenderung	Datum	Freigabe
a	Neuausg		
b	11-027	22.09.11	
c	12-0185	27.03.12	
d	14-0184	17.04.14	
e	14-0184	12.08.14	
f	16-0384	16.06.16	

zul. Abweichung für Mass, Form & Lage

Oberfläche

Maßstab 1:1

Werkstoff

Tolerierung

	Datum	Name
Erster-stellung	22.07.11	
Prüfung	22.07.11	

Benennung

Rodagon 4/80

Schutzvermerk "DIN ISO 16016" beachten

DIN A 4

Alle Maße in mm, inklusive Oberflächenbehandlung

excelitas®

Zeichnungsnummer

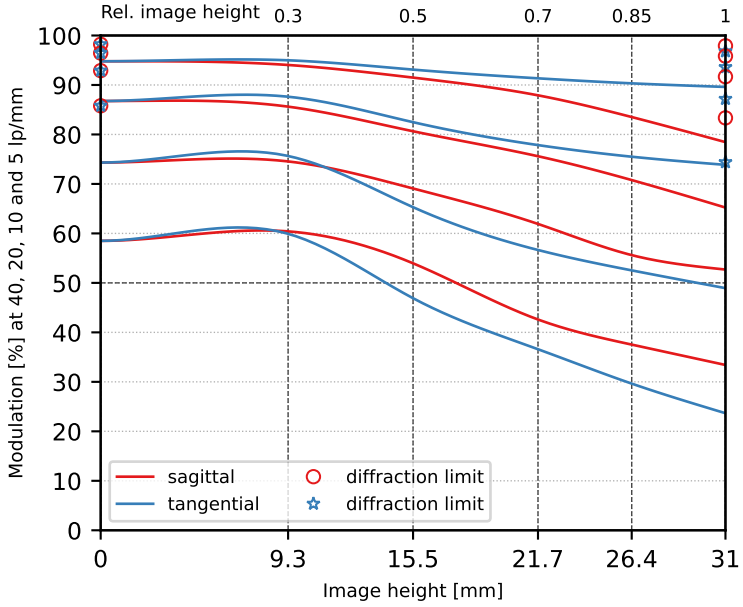
0701-391-100-00-0001f

Blatt 1 von 1

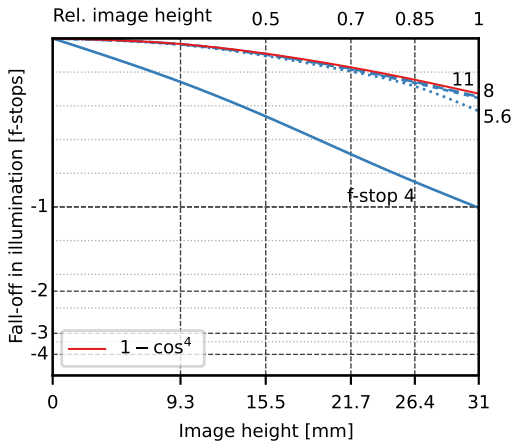
Ersatz für

Rodagon 4/80, -azimuth

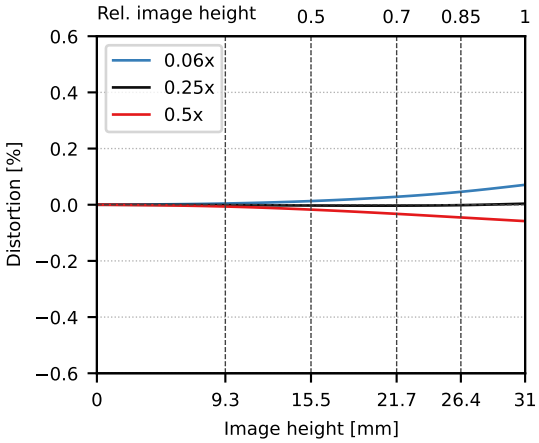
Modulation transfer function **Mag. 0.25x** **f-stop 4**



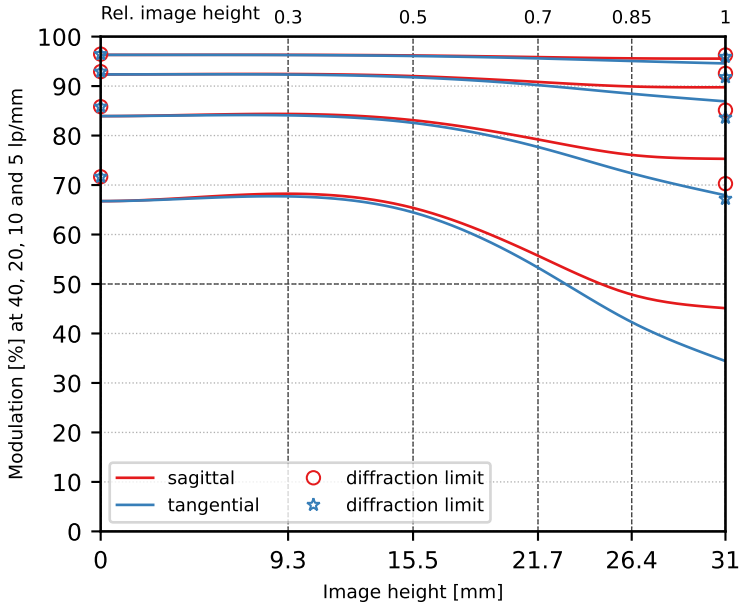
Fall-off in illumination **Mag. 0.25x**



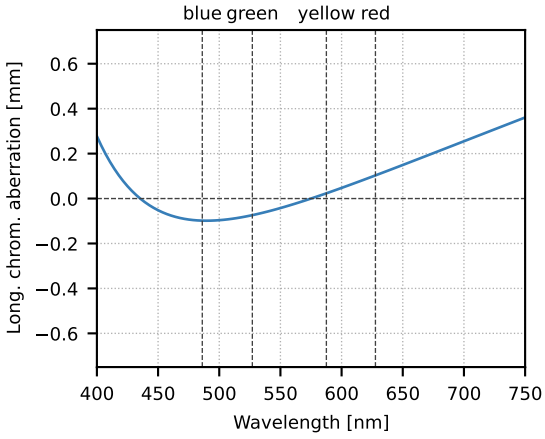
Distortion **Mag. 0.06x ... 0.5x**



Modulation transfer function **Mag. 0.25x** **f-stop 8**



Long. chrom. aberration **Mag. 0.25x**



All spatial frequencies [lp/mm], image heights [mm] and magnifications are related to sensor side.