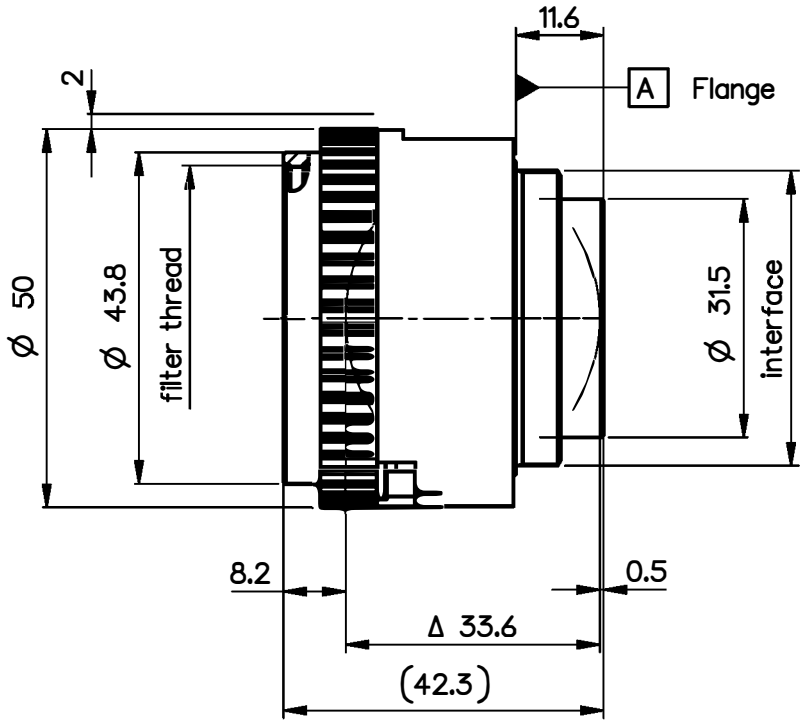
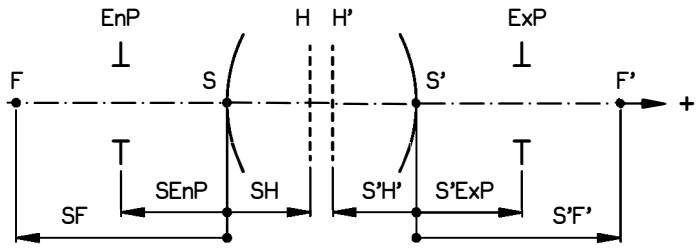
order number	lens name	Azimut
0701-394-000-40	Rodagon 5.6/105	–
0701-394-000-41	Rodagon 5.6/105	marked



Specification	
image circle max. (mm)	104
focal length f' (mm) *)	106.4
magnification β' [range]	−0.17 [−0.5 ... −0.06]
spectral range λ (nm)	400 – 750

schematic diagram *) in air



ON	7453-9001
working distance (mm)	292 – 1853
interface	M39 x1/26" (Leica)
filter thread	M40.5 x0.5
weight (g)	100
design includes CCD cover glass:	no

		f-stop	Ø EnP	Ø ExP
SF (mm)	-88.0			
S'F' (mm) *)	90.5	5.6	18.6	18.8
HH' (mm) *)	-0.9	8	13.3	13.4
SH (mm)	18.5	11	9.7	9.8
S'H' (mm) *)	-16.0	16	6.6	6.7
SEnP (mm)	17.3	22	4.8	4.9
S'ExP (mm) *)	-17.2			

NX

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

PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED

REV	ECC	DATE	APPROVED
a	Neuausg		
b	06-007	18.07.06	
c	11-358	19.07.11	
d	11-022	08.08.11	
e	11-027	22.09.11	
f	12-0185	28.03.12	
g	14-0184	18.03.14	
h	14-0184	14.07.14	
i	14-0184	12.08.14	

GENERAL TOLERANCE OF DIMENSION, FORM, POS. | SURF. TREATMT

BASIC TOLERANCING PRINCIPLE

FIRST ISSUE	DATE	NAME
	18.07.06	
CHKD	18.07.06	

SCALE 1:1

MATERIAL

TITLE
Rodagon 5.6/105

DRAWING NO.
0701-394-100-00-0001i

SHEET 1 OF 1

REPLACES

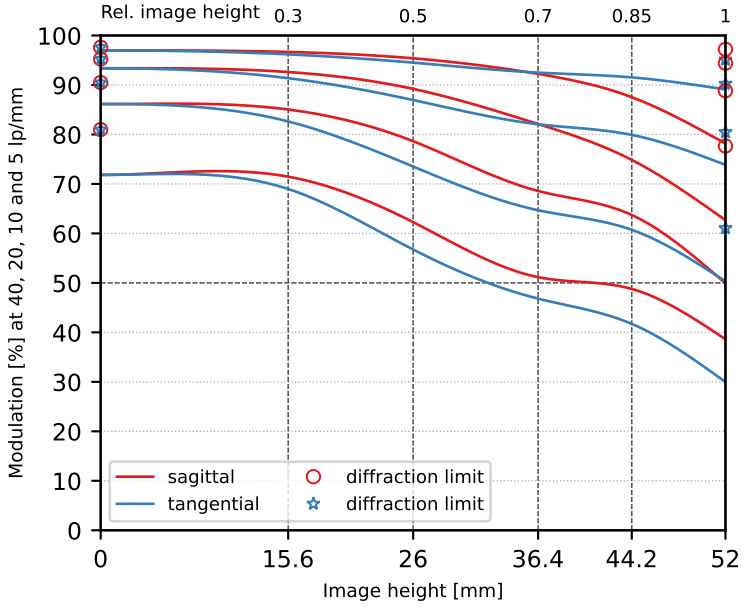
DIN A 4

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

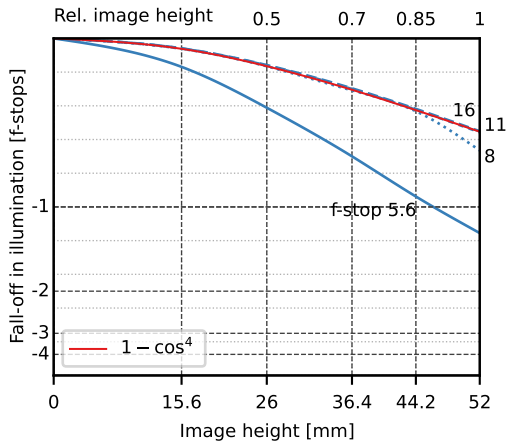
excelitas®

Rodagon 5.6/105, -azimuth

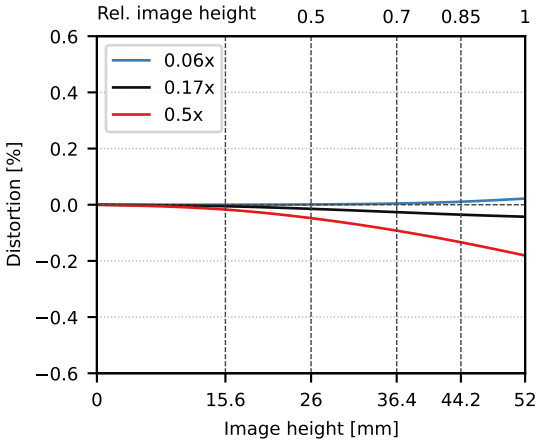
Modulation transfer function **Mag. 0.17x** **f-stop 5.6**



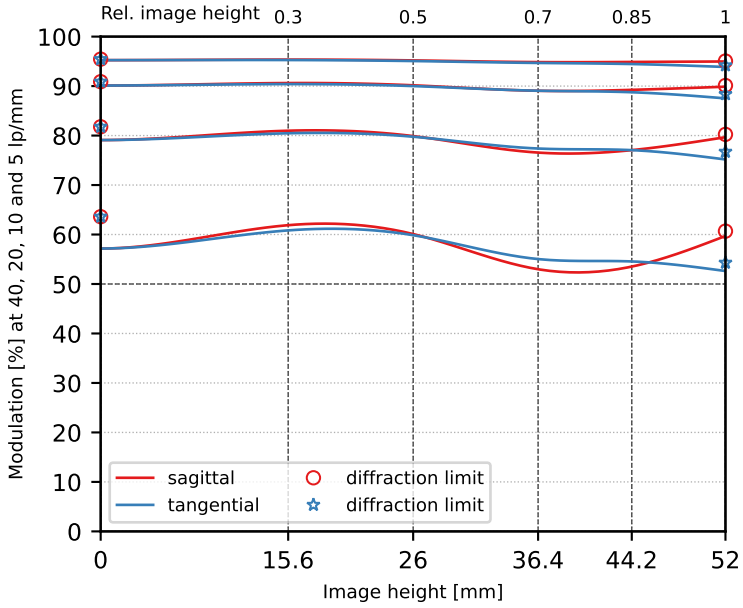
Fall-off in illumination **Mag. 0.17x**



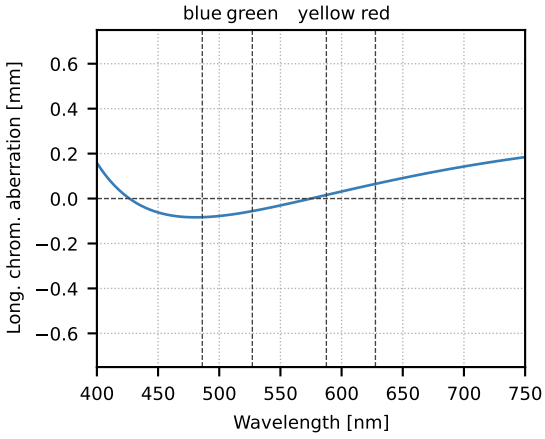
Distortion **Mag. 0.06x ... 0.5x**



Modulation transfer function **Mag. 0.17x** **f-stop 11**



Long. chrom. aberration **Mag. 0.17x**



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