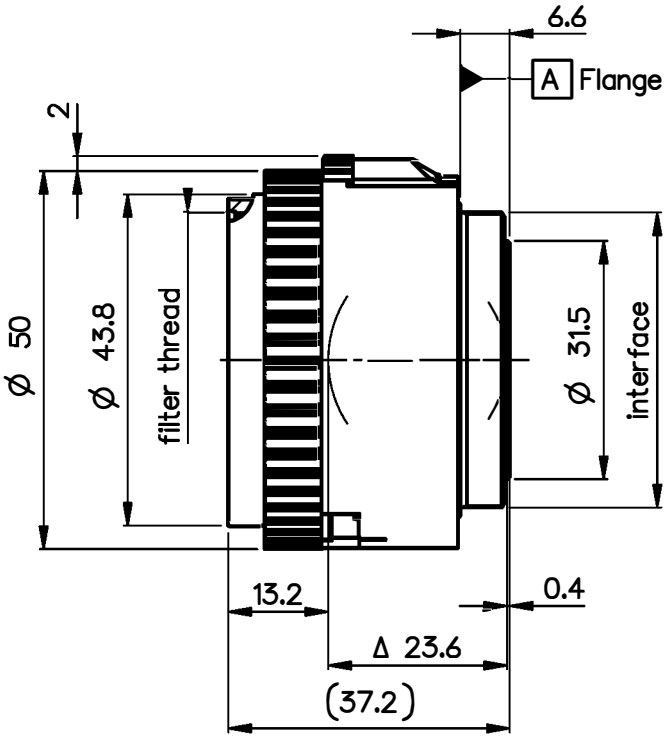
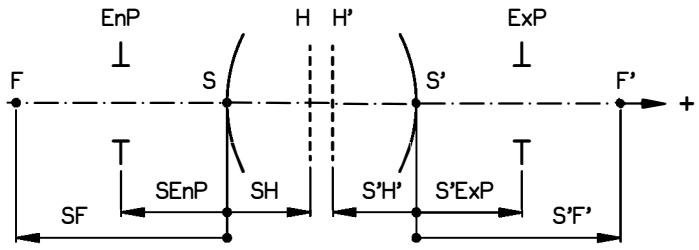
order number	lens name
0701-399-000-40	Rodagon-WA 4/40



Specification	
image circle max. (mm)	46
focal length f' (mm) *)	40.4
magnification β' [range]	−0.1 [−0.25 ... −0.066]
spectral range λ (nm)	400 – 750

schematic diagram *) in air



ON	7411-9001
working distance (mm)	175 – 625
interface	M39 x1/26" (Leica)
filter thread	M40.5 x0.5
weight (g)	85
design includes CCD cover glass:	no

		f-stop	Ø EnP	Ø ExP
SF (mm)	-26.5			
S'F' (mm) *)	31.2	4	5.0	10.7
HH' (mm) *)	0.5	5.6	7.2	7.7
SH (mm)	13.9	8	5.0	5.4
S'H' (mm) *)	-9.2	11	3.6	3.9
SEnP (mm)	11.1	16	2.5	2.7
S'ExP (mm) *)	-12.2	22	1.8	2.0

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	12-0013	22.02.12	
c	12-0185	25.04.12	
d	14-0184	07.08.14	

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

BASIC TOLERANCING PRINCIPLE

	DATE	NAME
FIRST ISSUE	04.04.08	
CHKD	01.08.08	

SCALE 1:1

MATERIAL

TITLE: Rodagon-WA 4/40

DIN A 4

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

excelitas®

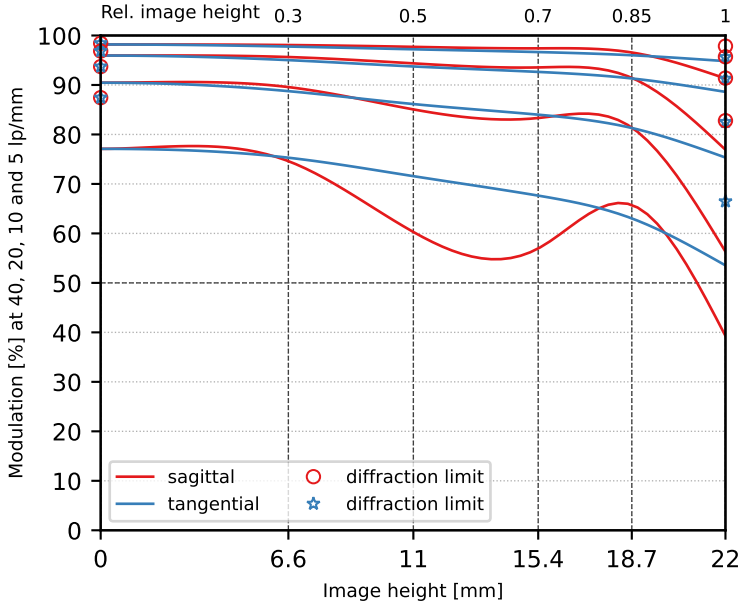
DRAWING NO. 0701-399-100-00-0001d

SHEET 1 OF 1

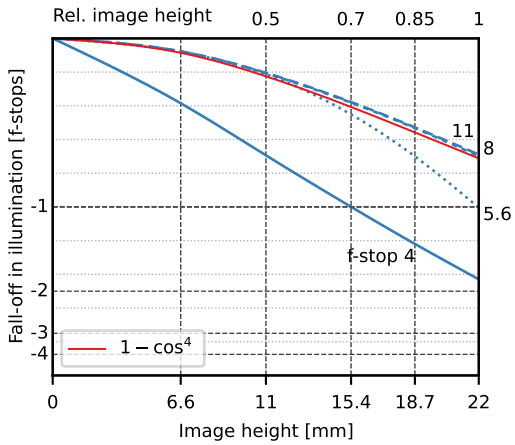
REPLACES

Rodagon-WA 4/40

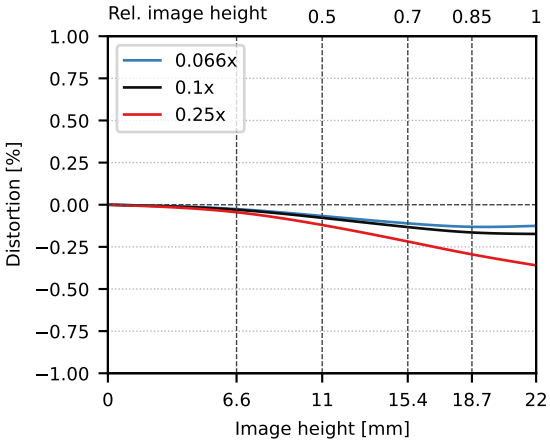
Modulation transfer function **Mag. 0.1x** **f-stop 4**



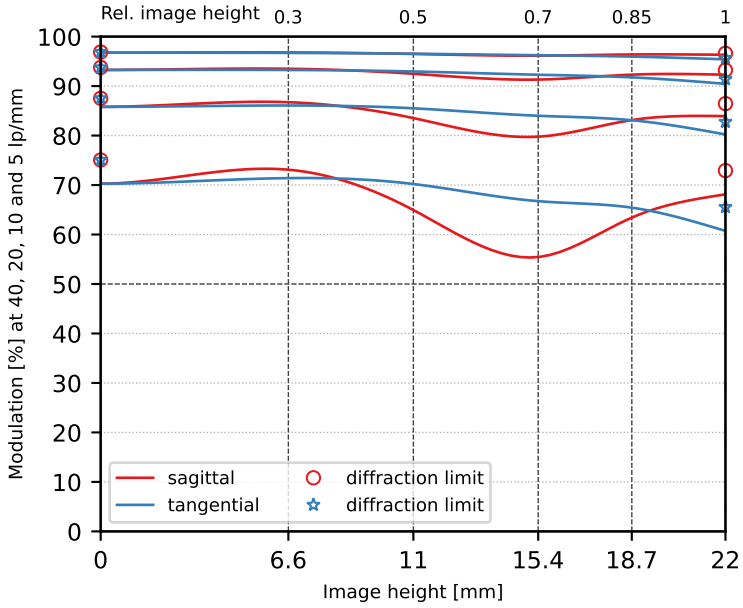
Fall-off in illumination **Mag. 0.1x**



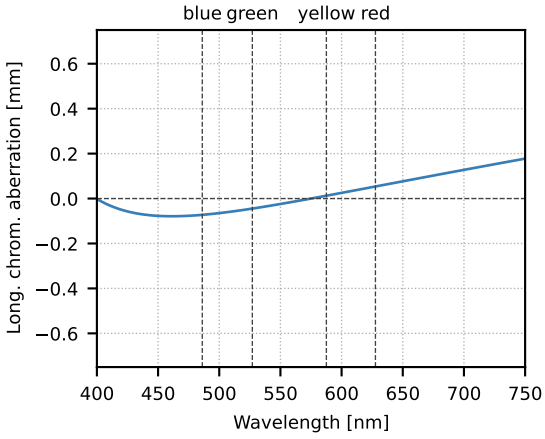
Distortion **Mag. 0.066x ... 0.25x**



Modulation transfer function **Mag. 0.1x** **f-stop 8**



Long. chrom. aberration **Mag. 0.1x**



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