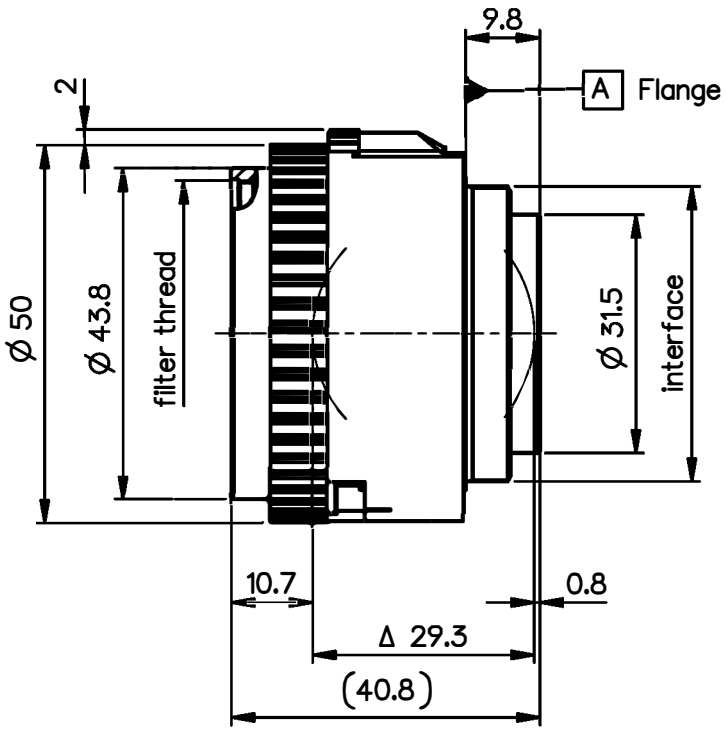
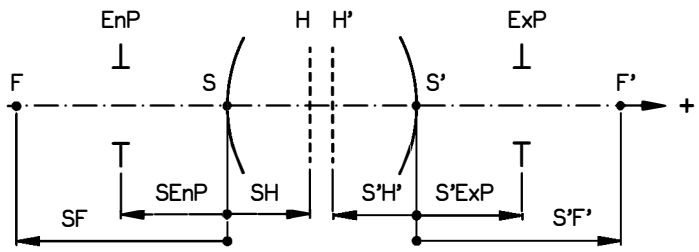
order number	lens name
0701-276-000-40	Rodagon-WA 4/60



Specification	
image circle max. (mm)	82
focal length f' (mm) *)	61.4
magnification β' [range]	−0.125 [−0.25 ... −0.066]
spectral range λ (nm)	400 – 750

schematic diagram *) in air



ON	7451-0070
working distance (mm)	280 – 965
interface	M39 x1/26" (Leica)
filter thread	M40.5 x0.5
weight (g)	90
design includes CCD cover glass:	no

		f-stop	Ø EnP	Ø ExP
SF (mm)	-44.5			
S'F' (mm) *)	46.7	4	14.9	15.3
HH' (mm) *)	-2.44	5.6	10.9	11.2
SH (mm)	17.0	8	7.7	7.8
S'H' (mm) *)	-14.7	11	5.6	5.7
SEnP (mm)	15.7	16	3.8	3.9
S'ExP (mm) *)	-16.1	22	2.8	2.8

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
a	Neuausg	12.08.14

GENERAL TOLERANCE OF DIMENSION, FORM, POS.

SURF. TREATMT

SCALE 1:1

MATERIAL
a Neuausg 12.08.14

BASIC TOLERANCING PRINCIPLE

TITLE
Rodagon-WA 4/60

	DATE	NAME
FIRST ISSUE	12.08.14	
CHKD	12.08.14	

DIN A 4

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

excelitas®

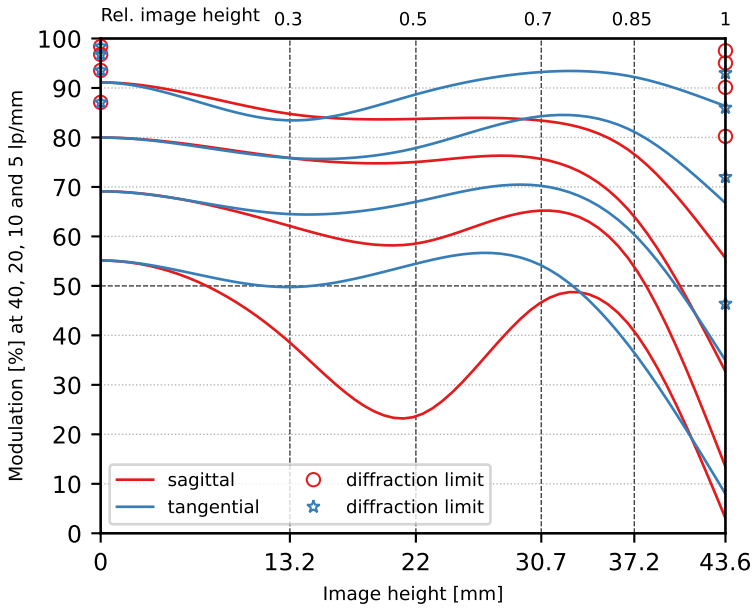
DRAWING NO.
0701-276-100-00-0001a

SHEET 1 OF 1

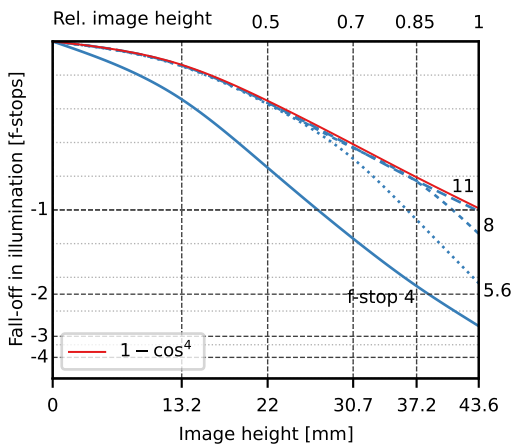
REPLACES

Rodagon-WA 4/60

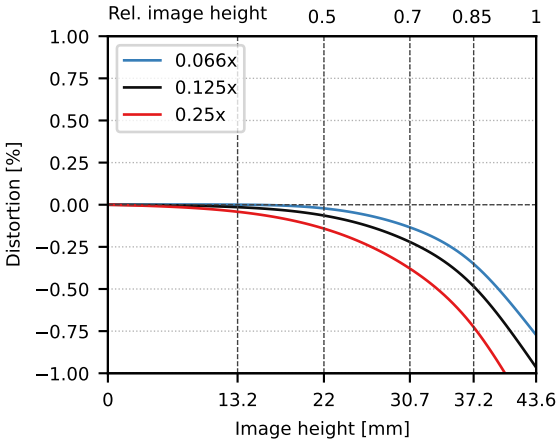
Modulation transfer function Mag. 0.125x f-stop 4



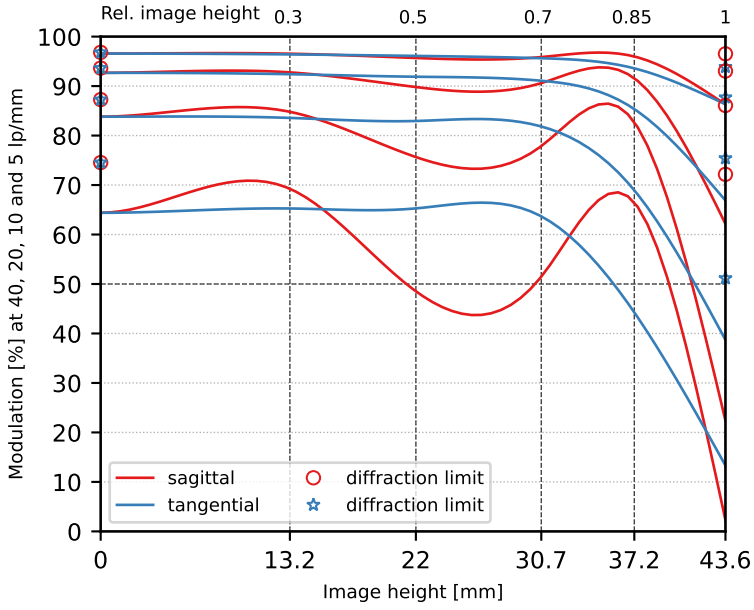
Fall-off in illumination Mag. 0.125x



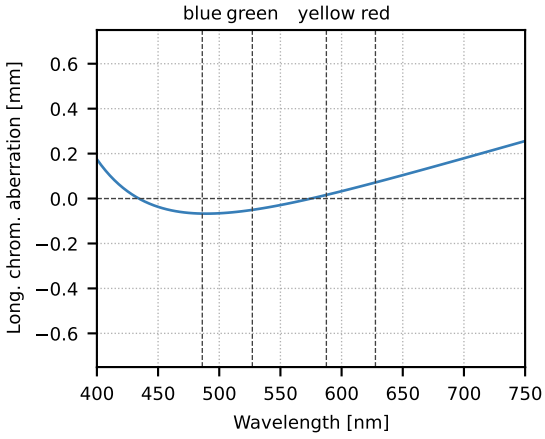
Distortion Mag. 0.066x ... 0.25x



Modulation transfer function Mag. 0.125x f-stop 8



Long. chrom. aberration Mag. 0.125x



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