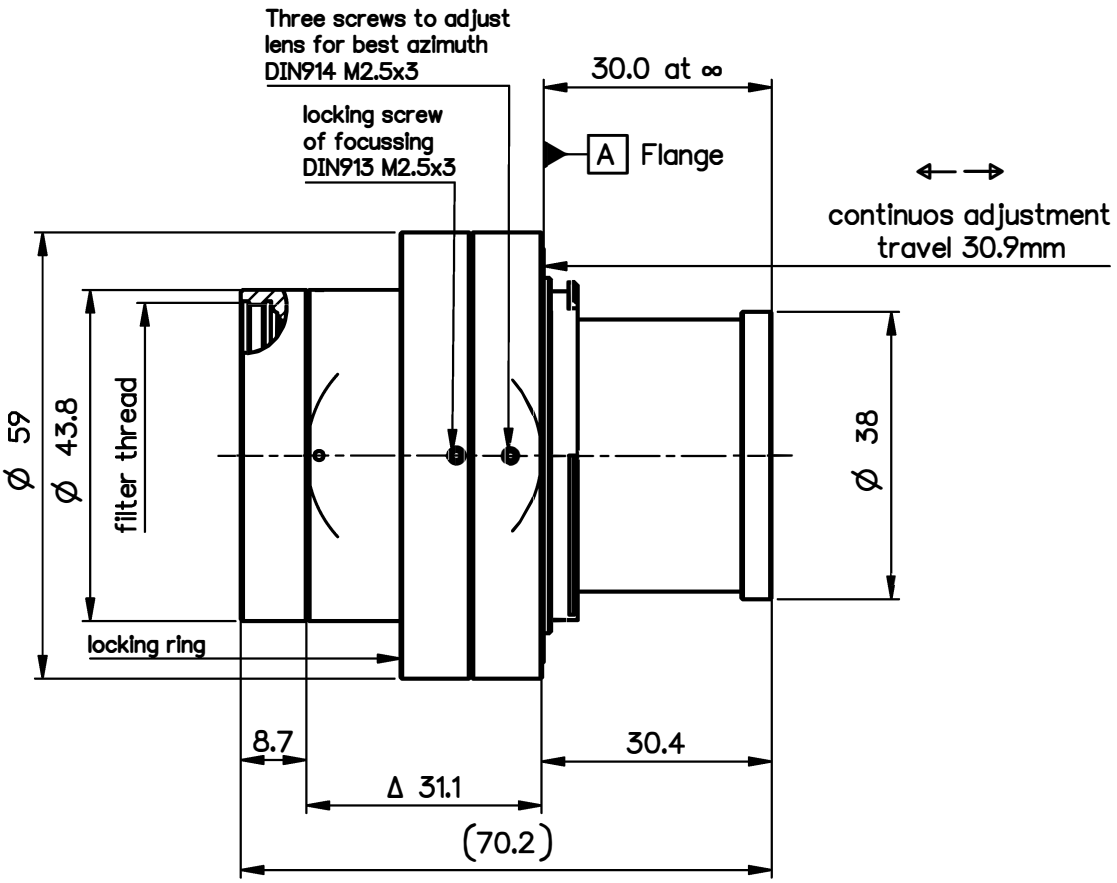
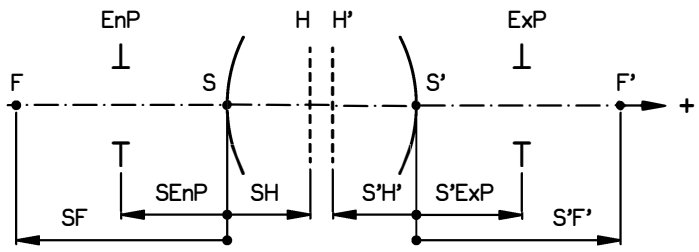
order number	lens name	f-stop
0703-087-000-25	Rodagon-F 4/60	4
0703-087-000-26	Rodagon-F 5.6/60	5.6
0703-087-000-27	Rodagon-F 8/60	8



Specification	
image circle max. (mm)	44
focal length f' (mm) *)	62
magnification β' [range]	−0.25 [−0.5 ... 0]
spectral range λ (nm)	400 − 750

schematic diagram *) in air



ON	7441-9001
working distance (mm)	159 − ∞
interface	F-mount
filter thread	M40.5 x0.5
weight (g)	190
design includes CCD cover glass:	no

SF (mm)	-44.1
S'F' (mm) *)	46.9
HH' (mm) *)	-2.0
SH (mm)	17.9
S'H' (mm) *)	-15.1
SEnP (mm)	17.5
S'ExP (mm) *)	-15.6

f-stop	Ø EnP	Ø ExP
4	15.5	15.6
5.6	11.1	11.1
8	7.8	7.8

NX

PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED

DIN A 4

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

REV	ECC	DATE	APPROVED
a	Neuausg		
b	14-0184	14.08.14	

GENERAL TOLERANCE OF DIMENSION, FORM, POS.

SURF. TREATMT

BASIC TOLERANCING PRINCIPLE

	DATE	NAME
FIRST ISSUE	05.08.08	
CHKD	05.08.08	

SCALE 1:1

MATERIAL

TITLE

Rodagon F 60

DRAWING NO. 0703-087-100-00-0001b

SHEET 1 OF 1

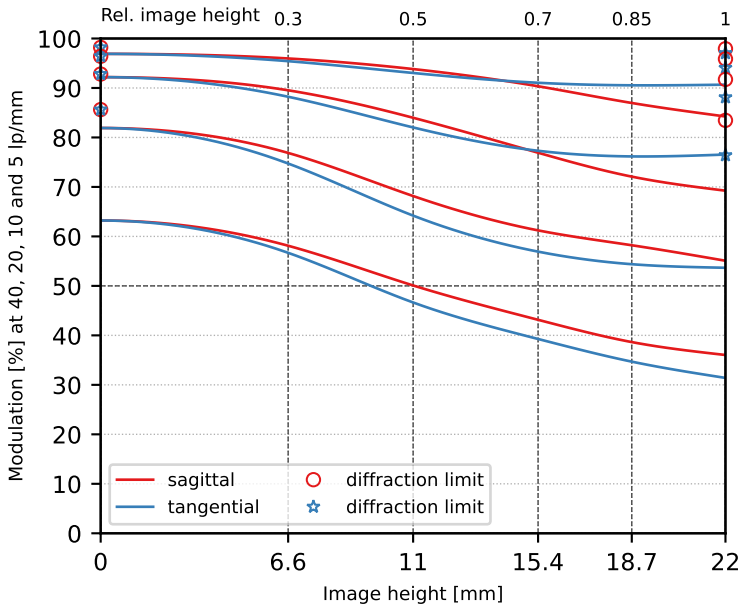
REPLACES

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

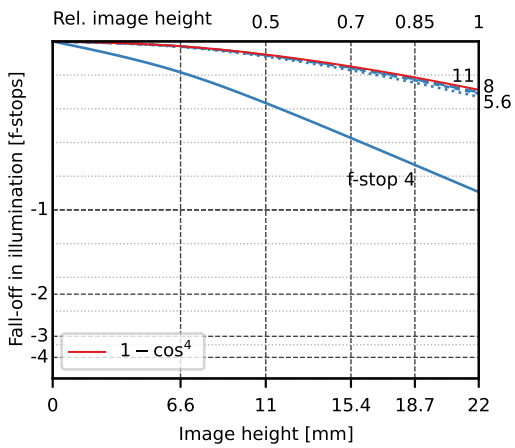
excelitas®

Rodagon-F 4/60

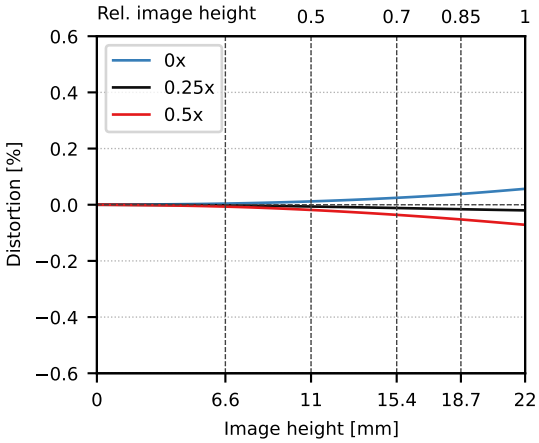
Modulation transfer function **Mag. 0.25x** **f-stop 4**



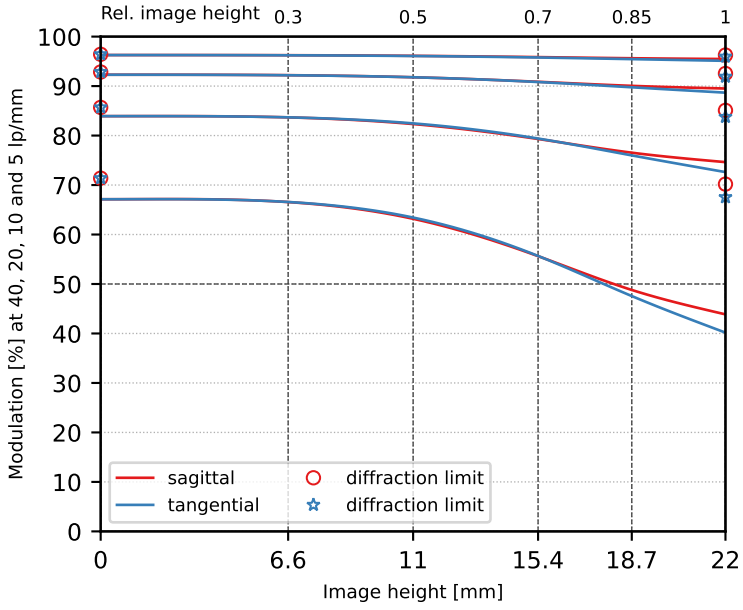
Fall-off in illumination **Mag. 0.25x**



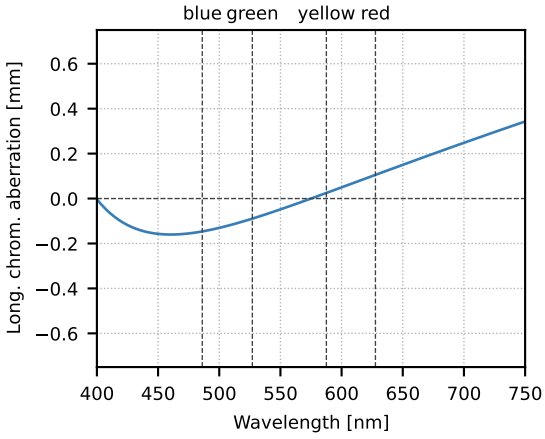
Distortion **Mag. 0x ... 0.5x**



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.