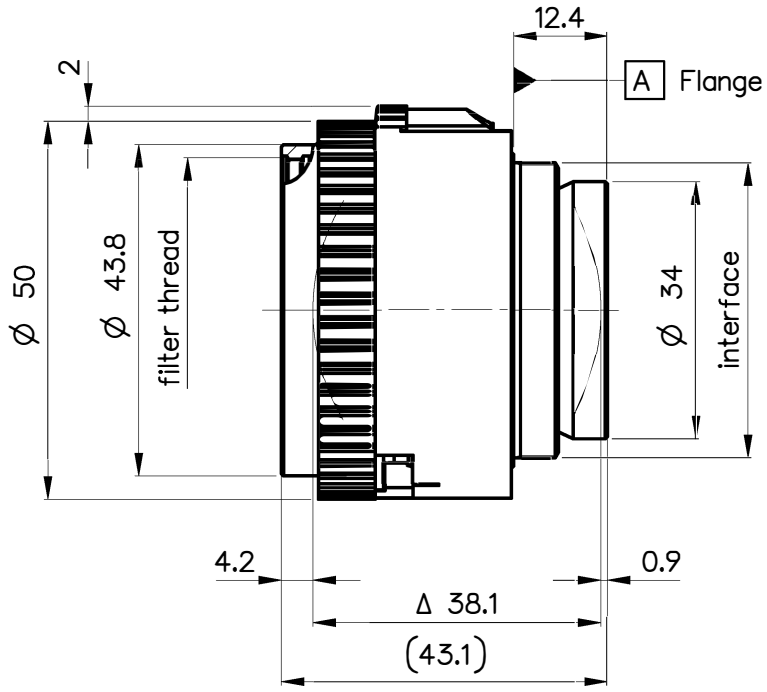
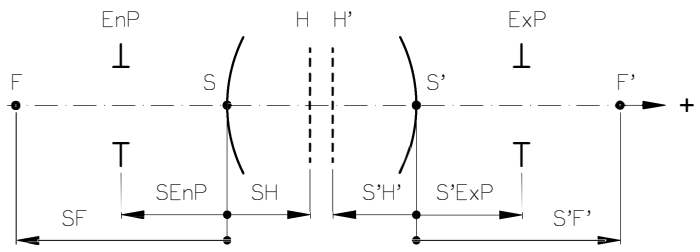
order number	lens name
0701-398-000-40	Rodagon 5.6/135



Specification	
image circle max. (mm)	105
focal length f' (mm) *)	136.2
magnification β' [range]	−0.2 [−0.5 ... −0.1]
spectral range λ (nm)	400 − 750

schematic diagram *) in air



ON	7461-9001
working distance (mm)	385 − 1475
interface	M39 x1/26" (Leica)
filter thread	M40.5 x0.5
weight (g)	115
design includes CCD cover glass:	no

		f-stop	Ø EnP	Ø ExP
SF (mm)	−117.1			
S'F' (mm) *)	117.2	5.6	23.8	23.3
HH' (mm) *)	−0.1	8	17.1	16.7
SH (mm)	19.1	11	12.4	12.2
S'H' (mm) *)	−19.1	16	8.5	8.4
SEnP (mm)	21.9	22	6.2	6.2
S'ExP (mm) *)	−16.3			

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	11-358	13.07.11	
c	11-022	09.08.11	
d	12-0185	28.03.12	
e	12-0185	25.04.12	
f	14-0184	18.03.14	
g	14-0184	12.08.14	
h	14-0184	19.02.15	

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

BASIC TLERANCING PRINCIPLE

	DATE	NAME
FIRST		
ISSUE	28.06.06	
CHKD	28.06.06	

SCALE 1:1

MATERIAL

TITLE

Rodagon 5.6/135

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

excelitas®

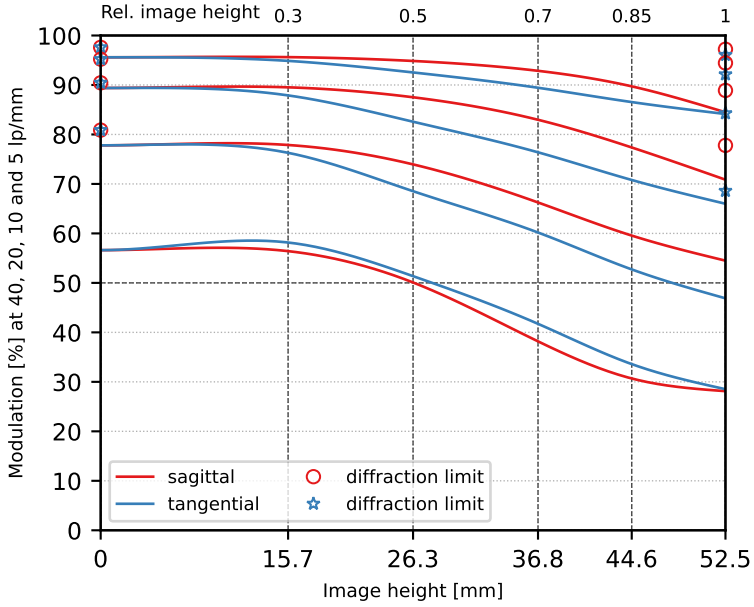
DRAWING NO. 0701-398-100-00-0001h

SHEET 1 OF 1

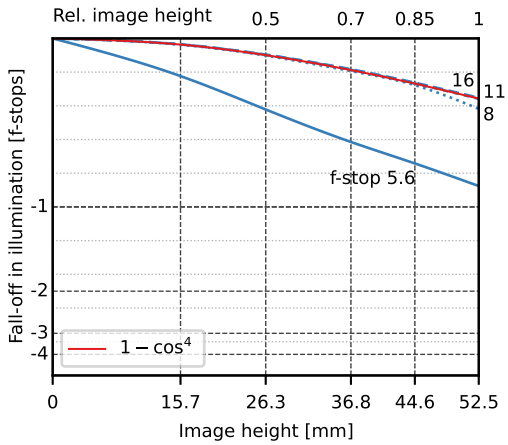
REPLACES

Rodagon 5.6/135

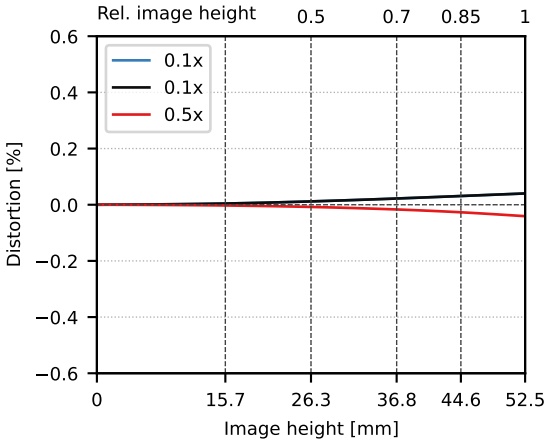
Modulation transfer function **Mag. 0.2x** **f-stop 5.6**



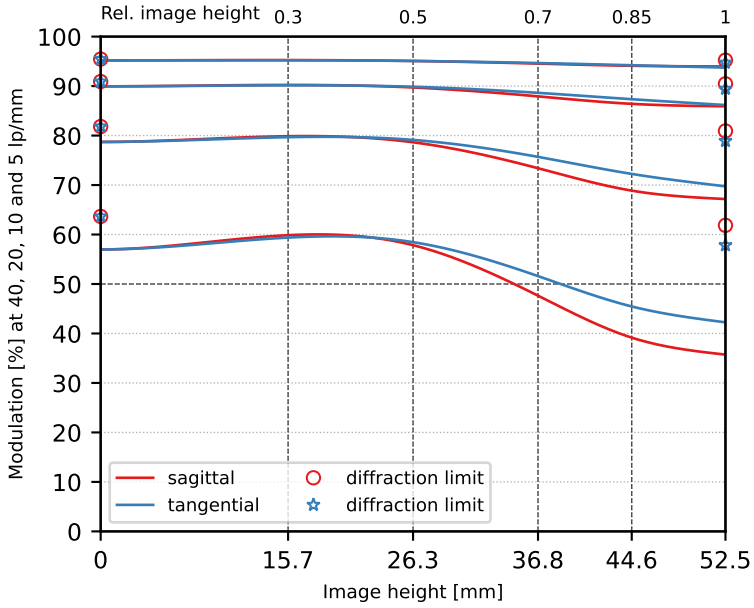
Fall-off in illumination **Mag. 0.2x**



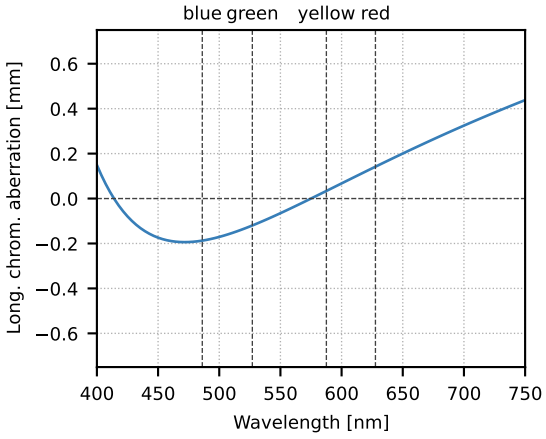
Distortion **Mag. 0.1x ... 0.5x**



Modulation transfer function **Mag. 0.2x** **f-stop 11**



Long. chrom. aberration **Mag. 0.2x**



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