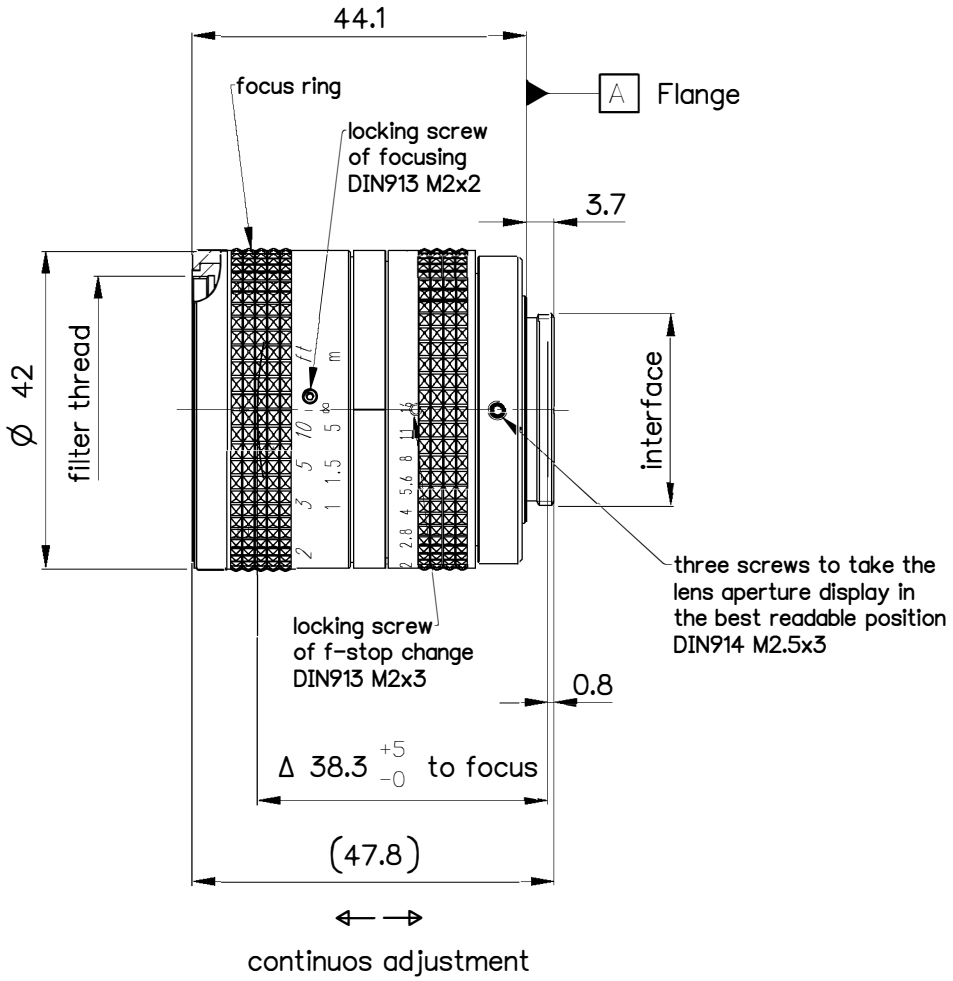
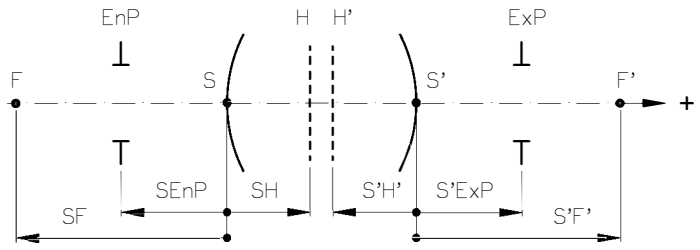
order number	lens name
0020-002-000-45	MeVis-C traffic 1.6/25



Specification		ON	5801-8013
image circle max. (mm)	16	working distance (mm)	260 – ∞
focal length f' (mm)	25.1	interface	C-mount (1-32 UN 2A)
magnification β' [range]	-0.0	filter thread	M35.5 x0.5
spectral range λ (nm)	450-950	weight (g)	155
		design includes CCD cover glass:	yes / 1mm K7

schematic diagram *) in air



		f-stop	Ø EnP	Ø ExP
SF (mm)	1.3			
S'F' (mm) *)	14.8	1.6	15.1	27.9
HH' (mm) *)	1.6	2	12.4	23.0
SH (mm)	26.4	2.8	8.9	16.4
S'H' (mm) *)	-10.3	4	6.2	11.5
SEnP (mm)	15.4	5.6	4.5	8.2
S'ExP (mm) *)	-30.1	16	1.6	2.9

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		

GENERAL TOLERANCE OF DIMENSION, FORM, POS.

SURF. TREATMT

SCALE 1:1

MATERIAL

BASIC TOLERANCING PRINCIPLE

	DATE	NAME
FIRST ISSUE	10.05.16	
CHKD	10.05.16	

TITLE

MeVis-C traffic 1.6/25

DIN A 4

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

excelitas®

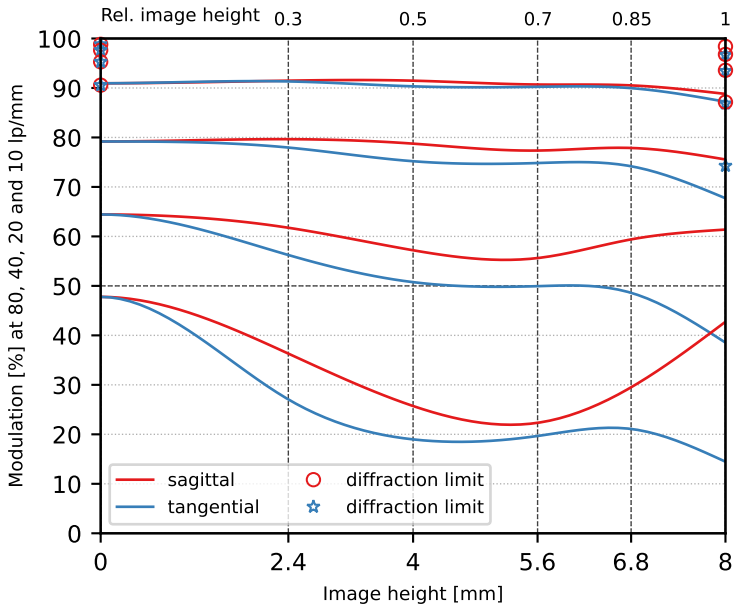
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SHEET 1 OF 1

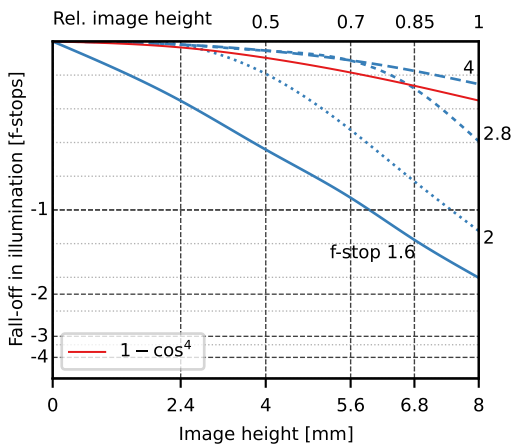
REPLACES

MeVis-C traffic 1.6/25

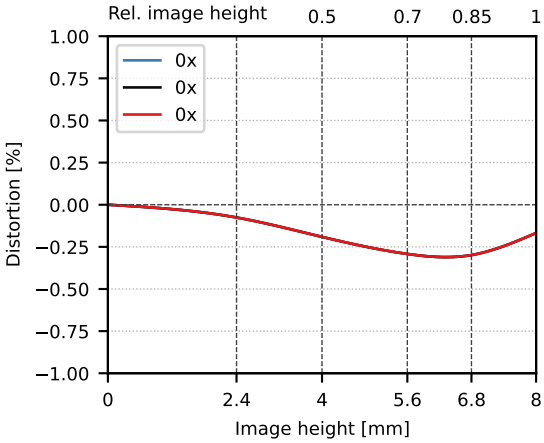
Modulation transfer function **Mag. 0x** **f-stop 1.6**



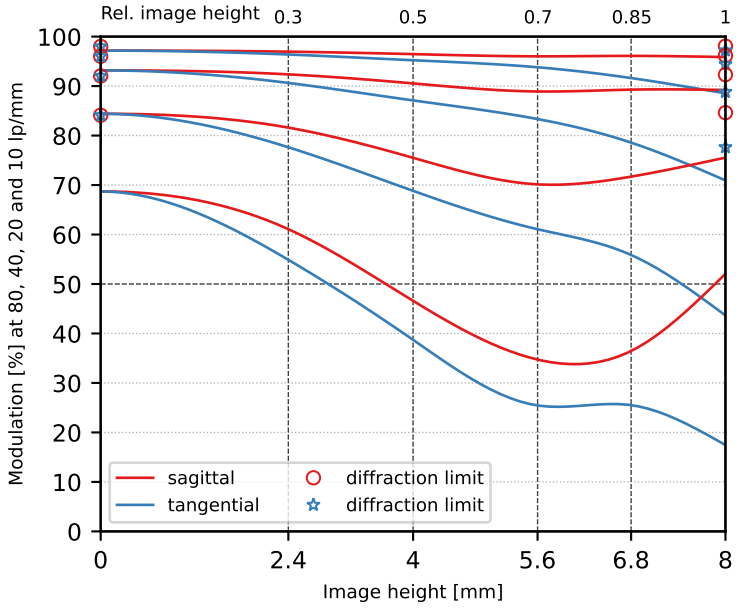
Fall-off in illumination **Mag. 0x**



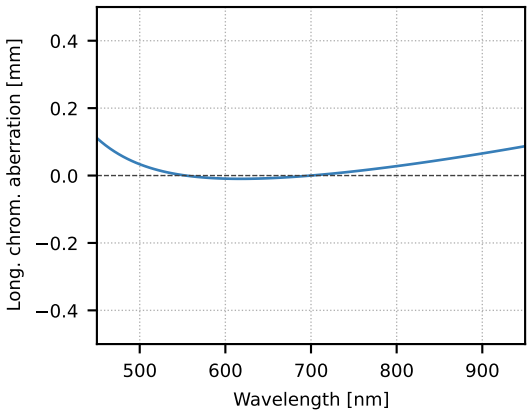
Distortion **Mag. 0x ... 0x**



Modulation transfer function **Mag. 0x** **f-stop 2.8**



Long. chrom. aberration **Mag. 0x**



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