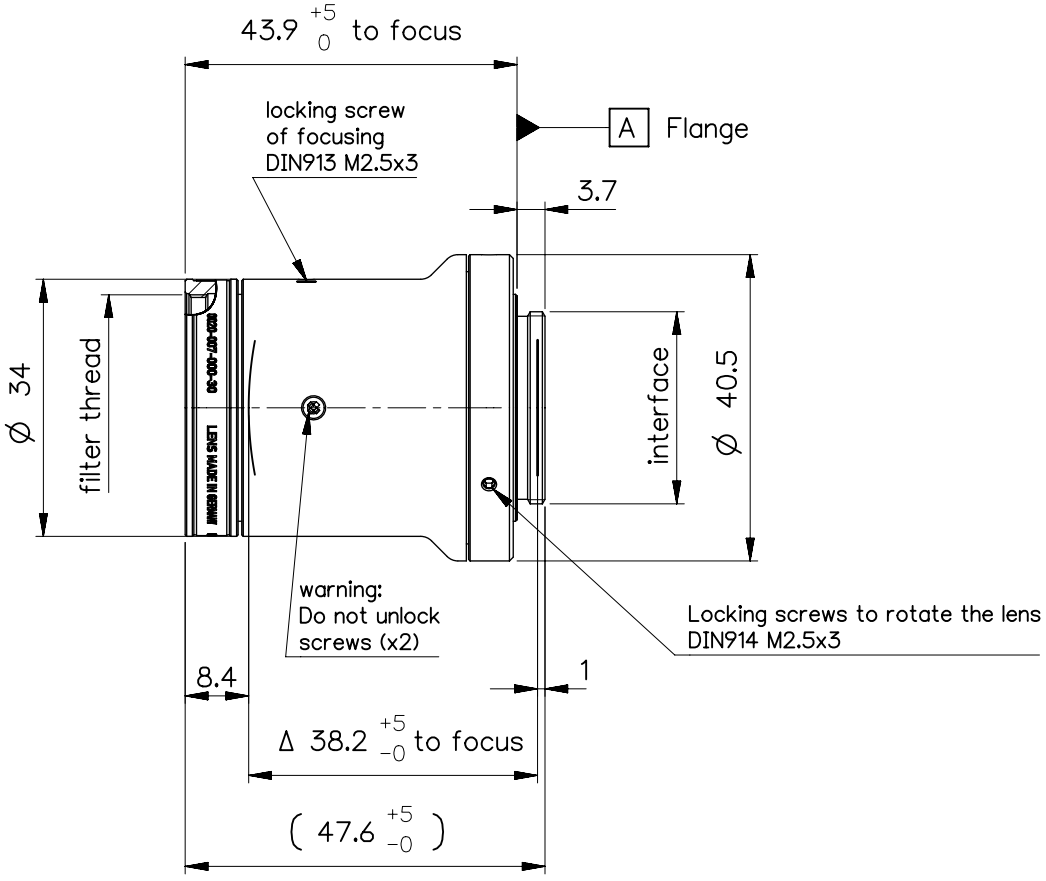
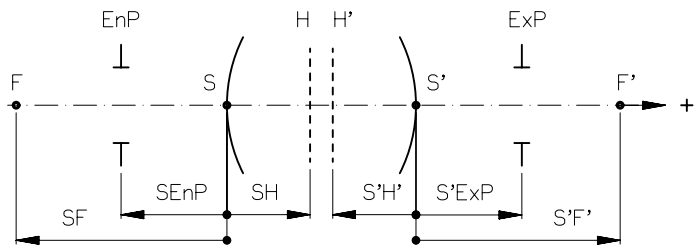
order number	lens name
0020-007-000-30	MeVis-CF traffic 1.6/25



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	M30 x0.75
spectral range λ (nm)	450 – 950	weight (g)	120
		design includes CCD cover glass:	yes / 1 mm 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	2.8	8.9	16.4
SH (mm)	26.4	4	6.2	11.5
S'H' (mm) *)	-10.3			
SEnP (mm)	15.4			
S'ExP (mm) *)	-30.1			

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

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	Denk
CHKD	10.05.16	Stauder

TITLE

MeVis-CF traffic 1.6/25

PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED

DIN A 4

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

QIOPTIQ

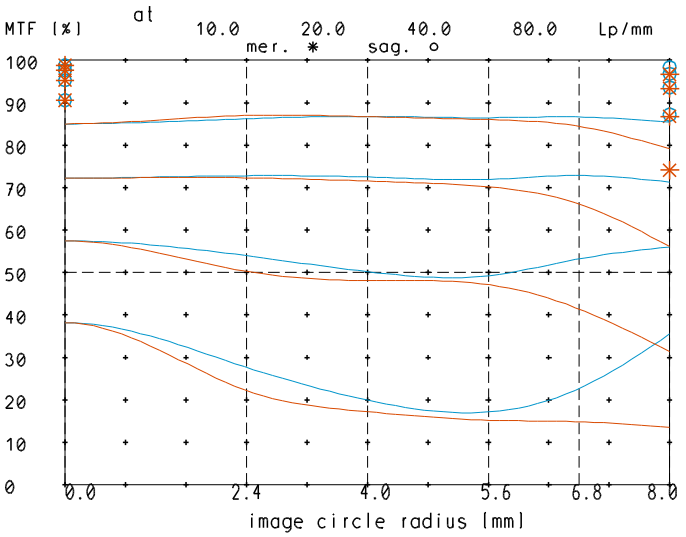
DRAWING NO. 0020-007-100-30-0001a

SHEET 1 OF 1

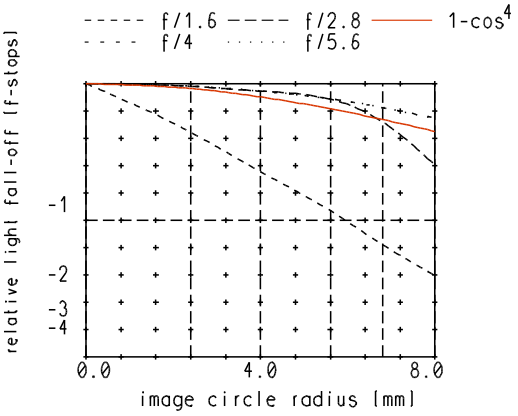
REPLACES

MeVis-C_1.6/25_traffic

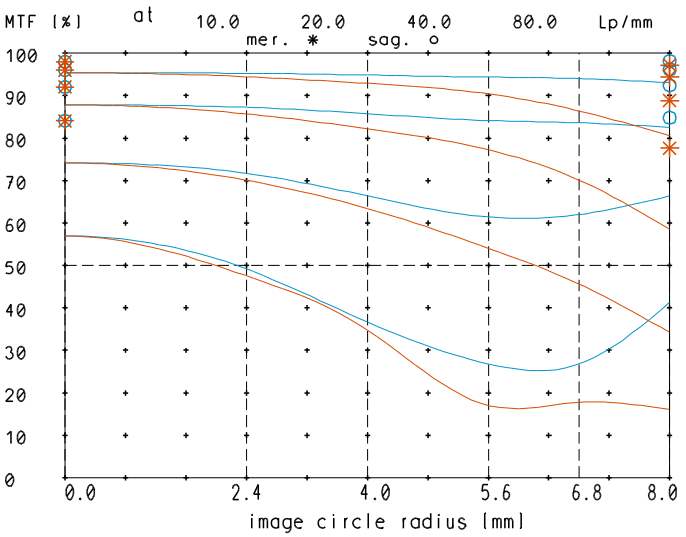
MTF at ratio 0.0x f/ 1.6



relative light fall-off at ratio 0.0x

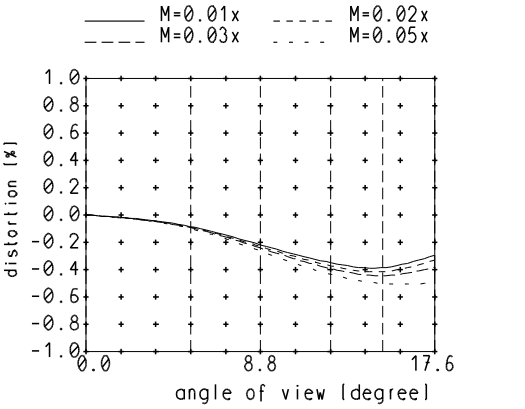


MTF at ratio 0.0x f/ 2.8

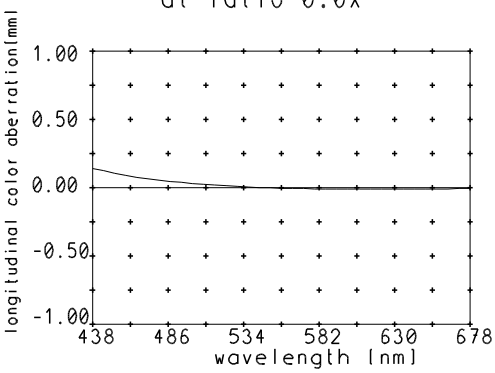


sagittal, o Diffraction limited value
meridional * Diffraction limited value

Distortion at ratio 0.01x to 0.05x



Longitudinal color aberration at ratio 0.0x



Named frequencies (line pairs/mm) in modular transfer function (MTF) as well as diagrams of relative light fall-off, distortion and longitudinal color aberration refer to film plane.