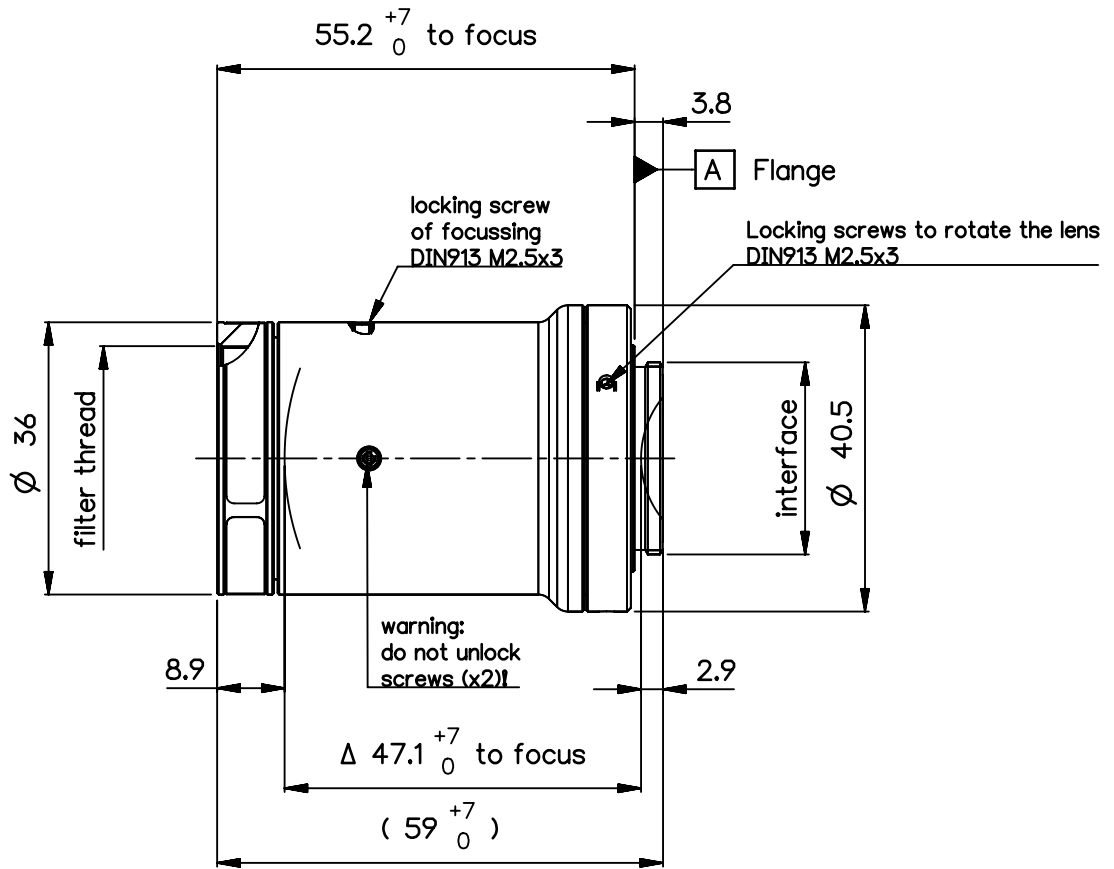
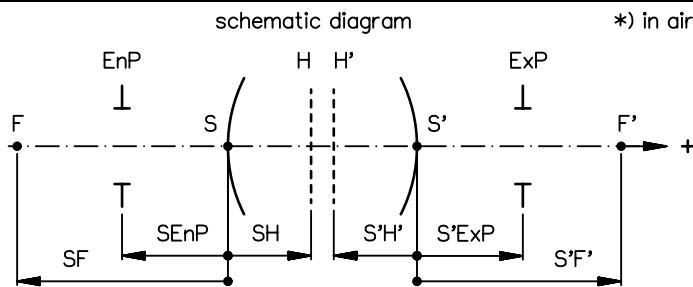


order number	lens name	f-stop
0020-008-000-20	MeVis-CF 1.6/35	1.6
0020-008-000-21	MeVis-CF 2.8/35	2.8
0020-008-000-22	MeVis-CF 4/35	4.0



Specification		ON	5801-9001
image circle max. (mm)	16	working distance (mm)	370 - ∞
focal length f' (mm) *	35.2	interface	C-mount (1-32 UN 2A)
magnification β' [range]	-0.05 [-0.1 ... 0]	filter thread	M30 x0.75
spectral range λ (nm)	450 - 950	weight (g)	165

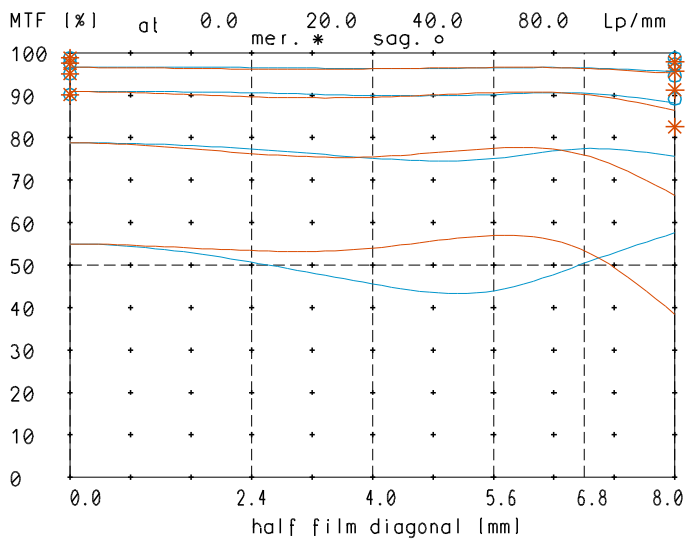


design includes CCD cover glass:		yes / 1 mm K7		
SF (mm)	-11.9	f-stop	∅ EnP	∅ Exp
S'F' (mm) *	14.7	1.6	21.2	28.0
HH' (mm) *	6.7	2.8	12.5	16.5
SH (mm)	23.6	4	8.8	11.6
S'H' (mm) *	-20.5			
SEnP (mm)	15			
S'Exp (mm) *	-31.8			

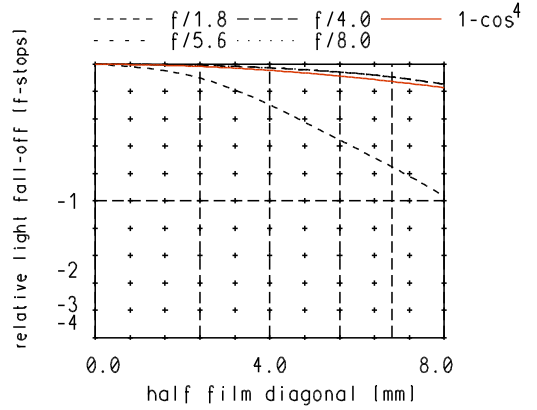
NX	EU-D		AL-T1A		US-D		US-ML		not export controlled		
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	REV	ECC	DATE	APPROVED	GENERAL TOLERANCE OF DIMENSION, FORM, POS.	SURF. TREATMT	PDM Status Freigabe		-		
	a	Neuausg					SCALE 1:1				
	b	12-0001	23.01.12	Kuehne	MATERIAL						
	c	12-0001	10.02.12	Kuehne							
	d	12-0185	29.03.12	Schuber							
e	14-0184	24.03.14	Schiffel								
					BASIC TOLERANCING PRINCIPLE		TITLE				
							MeVis-CF 1.6/35				
					FIRST DATE NAME		DRAWING NO.				
					ISSUE 06.09.11 Kuehne		0020-008-100-00-0001e				
					CHKD 06.09.11 Ulmer		SHEET 1				
							OF 1				
DIN A 4					ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT		REPLACES				

Mev is-C_35mm

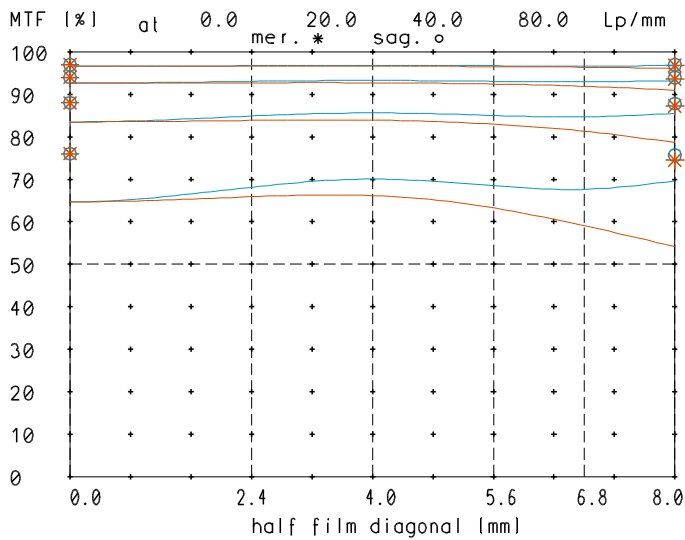
MTF at ratio -0.05 f/ 1.6



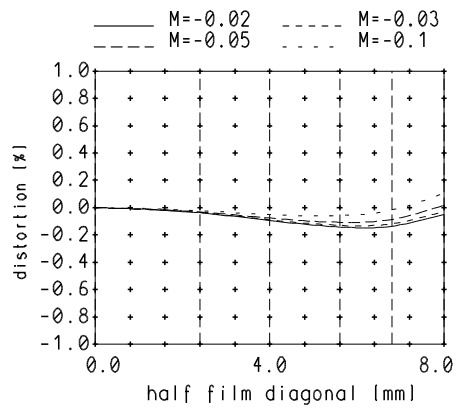
relative light fall-off at ratio -0.05



MTF at ratio -0.05 f/ 4.0

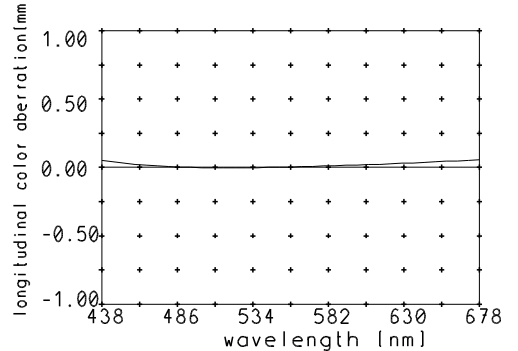


Distortion at ratio -0.02 to -0.1



— sagittal, o Diffraction limited value
 — meridional* Diffraction limited value

Longitudinal color aberration at ratio -0.05



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.