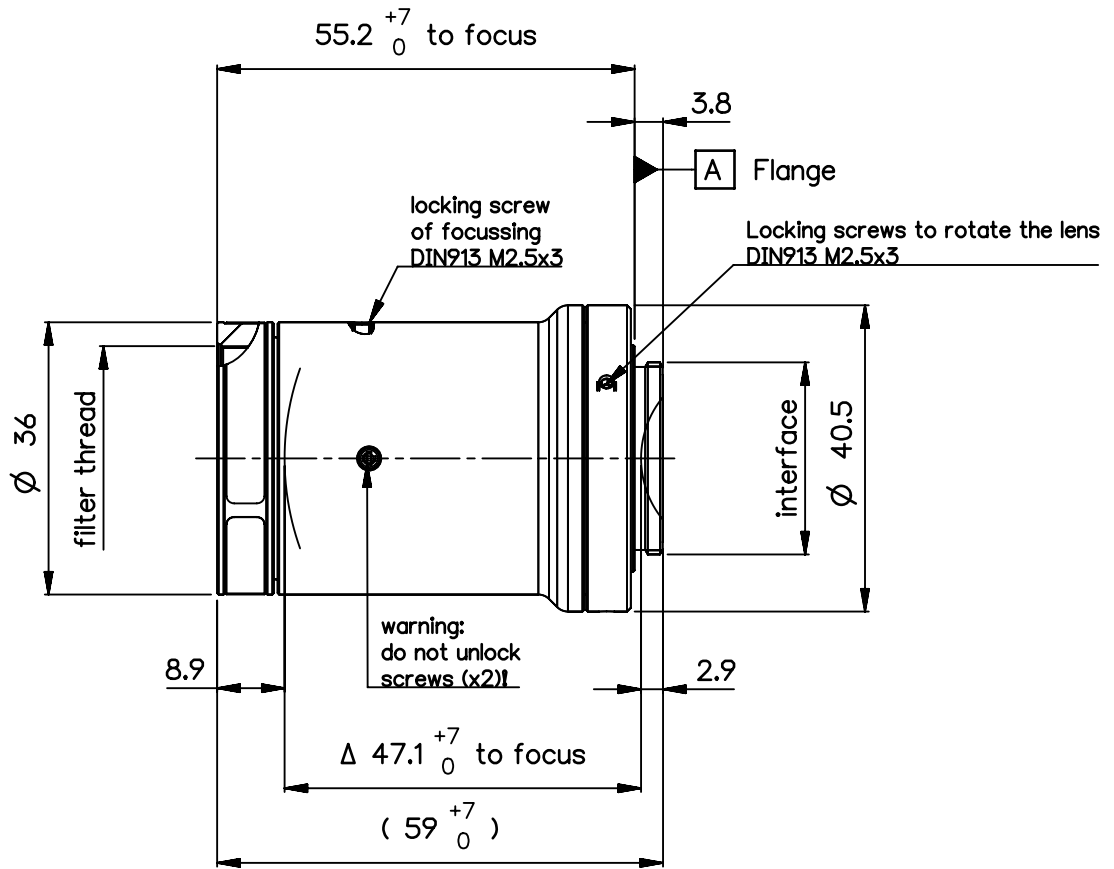
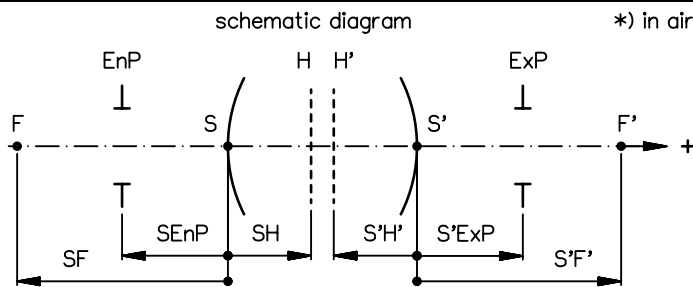


order number	lens name	f-stop
0020-008-000-20	MeVis-CF 1.6/35	1.6
0020-008-000-21	MeVis-CF 2.8/35	2.8
0020-008-000-22	MeVis-CF 4/35	4.0



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

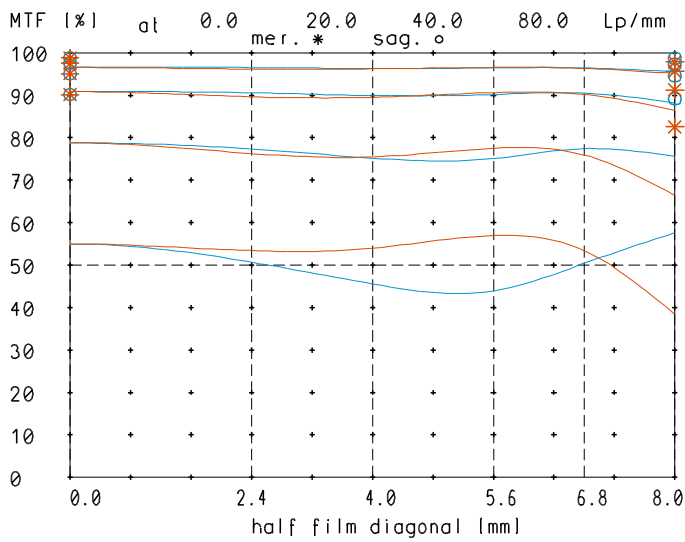


design includes CCD cover glass:		yes / 1 mm K7		
SF (mm)	-11.9	f-stop	\varnothing EnP	\varnothing Exp
S'F' (mm) *	14.7	1.6	21.2	28.0
HH' (mm) *	6.7	2.8	12.5	16.5
SH (mm)	23.6	4	8.8	11.6
S'H' (mm) *	-20.5			
SEnP (mm)	15			
S'Exp (mm) *	-31.8			

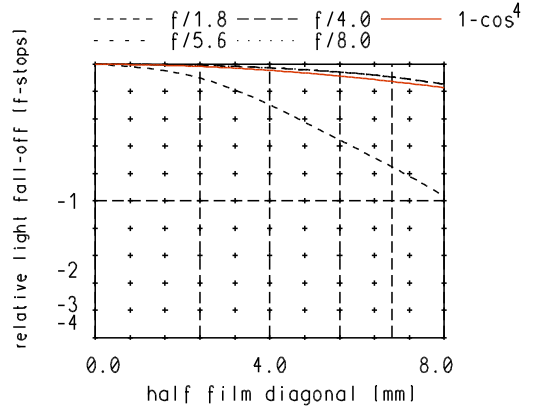
NX	EU-D	AL-T1A	US-D	US-ML	not export controlled		
					PDM Status Freigabe	-	
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	REV	ECC	DATE	APPROVED	GENERAL TOLERANCE OF DIMENSION, FORM, POS.	SURF. TREATMT	SCALE 1:1
	a	Neuausg					MATERIAL
	b	12-0001	23.01.12	Kuehne			
	c	12-0001	10.02.12	Kuehne			
	d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

Mev is-C_35mm

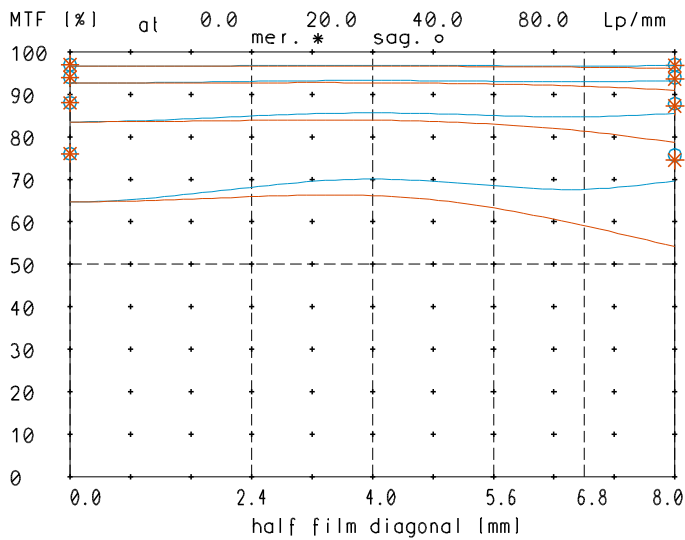
MTF at ratio -0.05 f/ 1.6



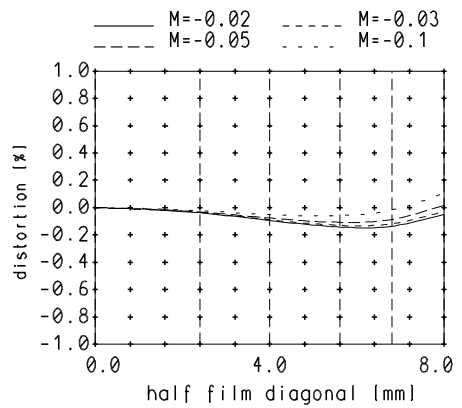
relative light fall-off at ratio -0.05



MTF at ratio -0.05 f/ 4.0

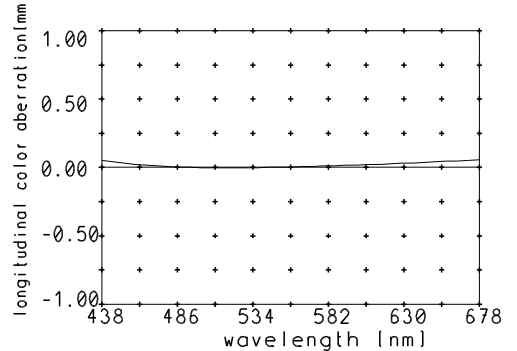


Distortion at ratio -0.02 to -0.1



— 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.