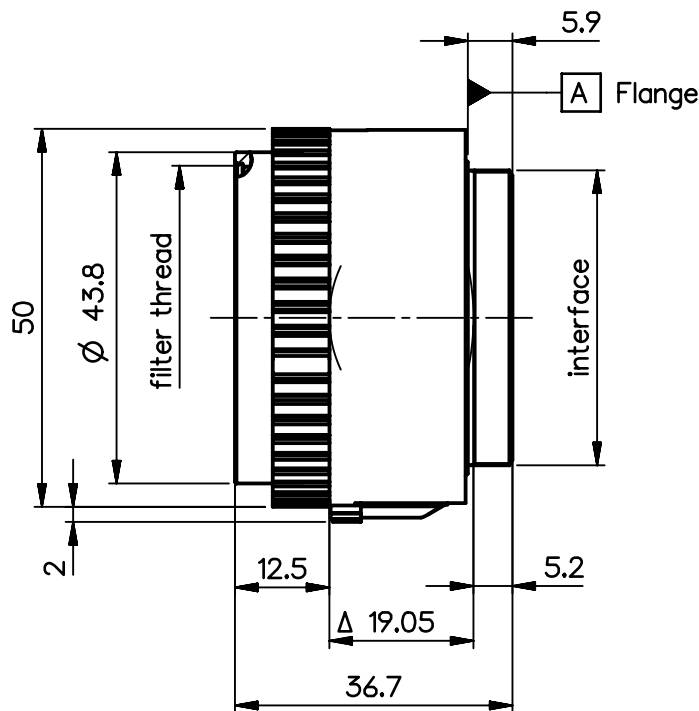
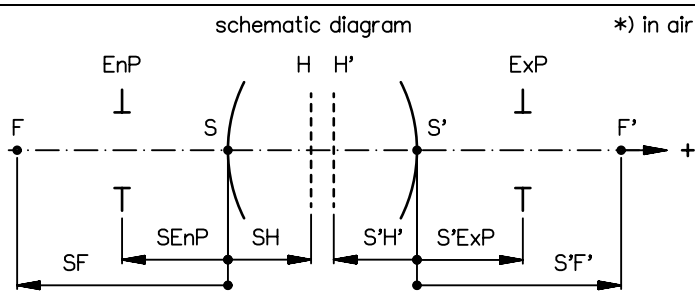


order number	lens name
0801-325-000-40	Rogonar-S 4.5/75



Specification		ON	7105-0001
image circle max. (mm)	44	working distance (mm)	201 - 793
focal length f' (mm) *	74.1	interface	M39 x1/26" (Leica)
magnification β' [range]	-0.25 [-0.5 ... -0.1]	filter thread	M40.5 x0.5
spectral range λ (nm)	400 - 750	weight (g)	75



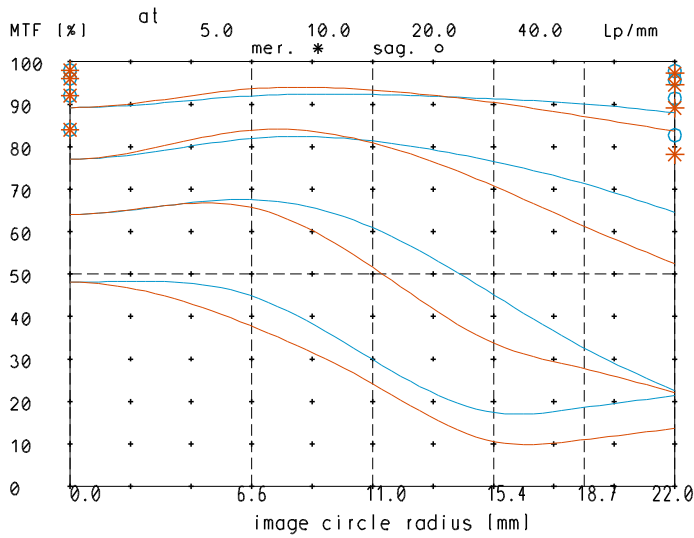
design includes CCD cover glass:		no		
SF (mm)	-67.8	f-stop	\varnothing EnP	\varnothing ExP
S'F' (mm) *	65.0	4.5	16.6	15.9
HH' (mm) *	0.8	5.6	13.3	12.8
SH (mm)	6.2	8	9.3	9.0
S'H' (mm) *	-9.1	11	6.8	6.5
SEnP (mm)	9.4	16	4.7	4.5
S'ExP (mm) *	-6.0	22	3.4	3.3

PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D	AL-T1A	US-D	US-ML	not export controlled
	REV	ECC	DATE	APPROVED	PDM Status Freigabe
	a	Neuausg	10.03.14	Schiffe	-
	b	14-0184	12.08.14	Schiffe	
			GENERAL TOLERANCE OF DIMENSION, FORM, POS.	SCALE 1:1	
			BASIC TOLERANCING PRINCIPLE	TITLE	
			FIRST ISSUE	DATE	NAME
			10.03.14	10.03.14	Schifferer
			CHKD	10.03.14	Stauder
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT			DRAWING NO. 0801-325-100-40-0001b	
				REPLACES	SHEET 1 OF 1

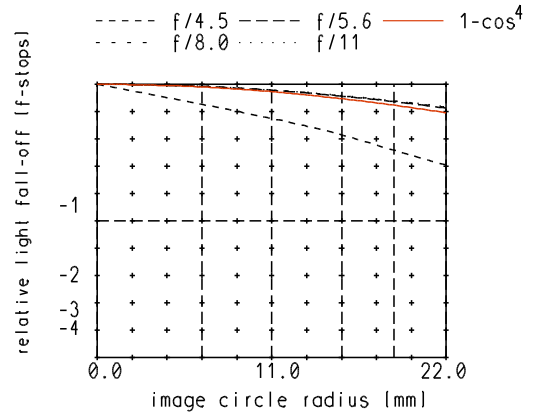


Rogonar-S_4.5/75

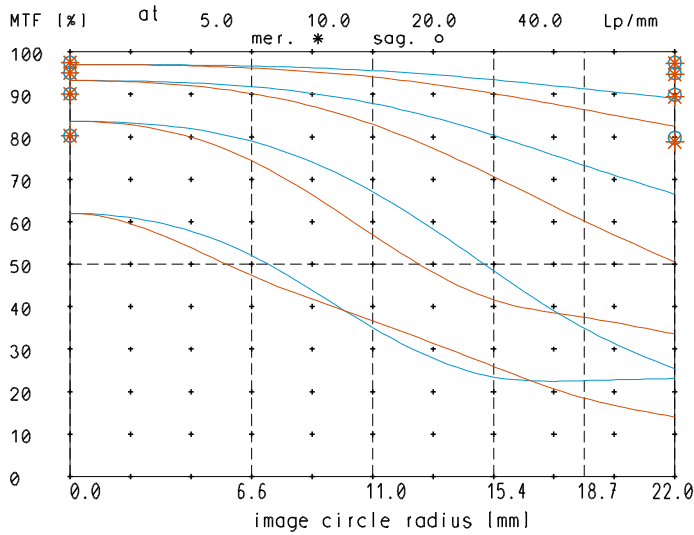
MTF at ratio -0.25 f/ 4.5



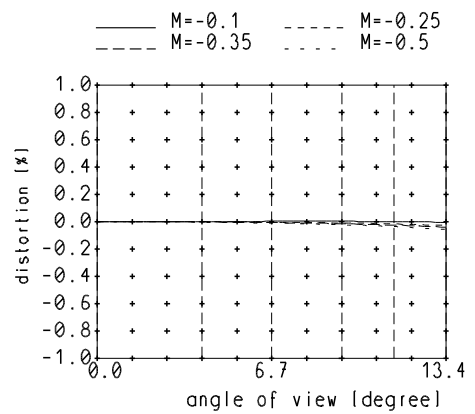
relative light fall-off at ratio -0.25



MTF at ratio -0.25 f/ 5.6

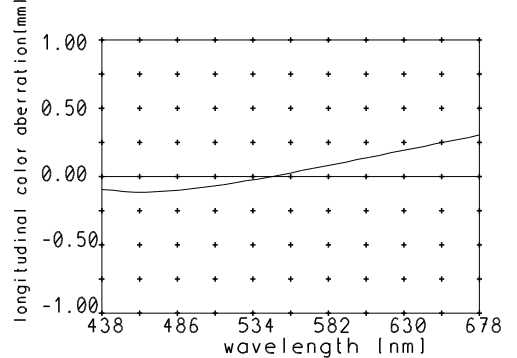


Distortion at ratio -0.1 to -0.5



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

Longitudinal color aberration at ratio -0.25



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.