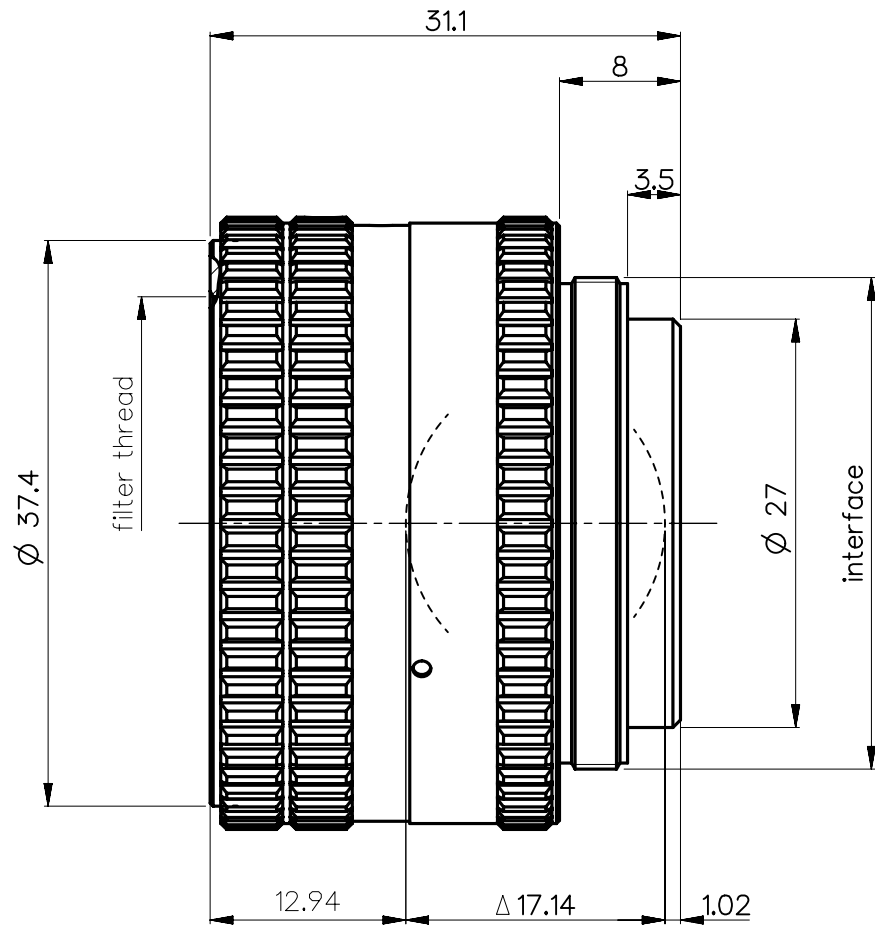
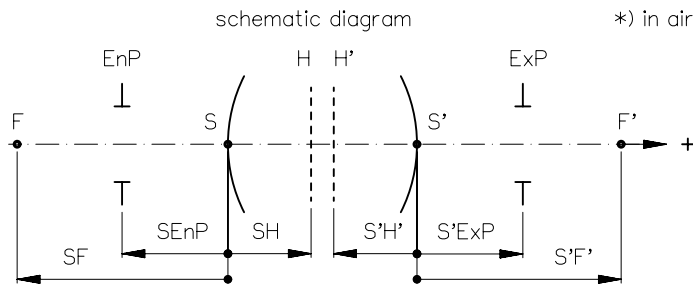


order number	lens name
0701-389-000-20	Rodagon 2.8/28



Specification		ON	7509-9041
image circle max. (mm)	32	working distance (mm)	143 - 975
focal length f' (mm)	27.7	interface	M32.5x0.5
magnification β' [range]	-0.05 [-0.2 ... -0.03]	filter thread	M30.5x0.5
spectral range λ (nm)	400 - 750	weight (g)	60



design includes CCD cover glass:		no					
SF (mm)	-18.1	f-stop	2.8	Ø EnP	9.5	Ø Exp	9.5
S'F' (mm) *)	19.4						
HH' (mm) *)	-0.68						
SH (mm)	9.6						
S'H' (mm) *)	-8.2						
SEnP (mm)	9.6						
S'Exp (mm) *)	-8.2						

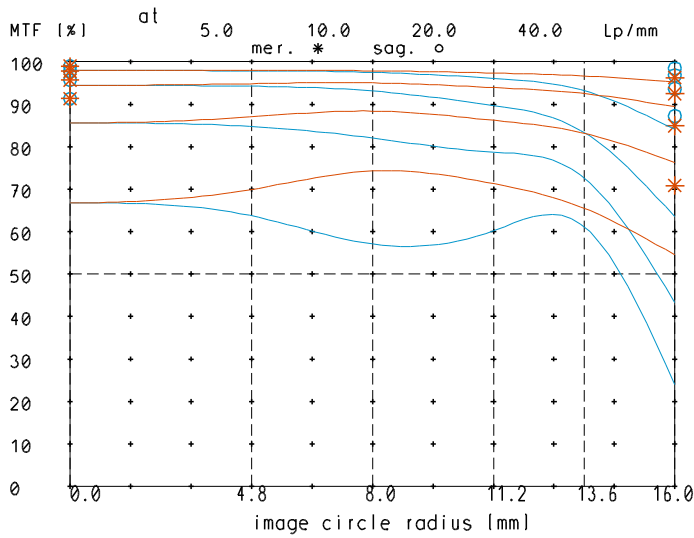
Schutzvermerk "DIN ISO 16016" beachten	EU-D	AL-T1A	US-D	US-ML	not export controlled
	Rev. a	Aenderung	Datum	Freigabe	zul. Abweichung für Mass, Form & Lage
	b	16-0607	21.09.16	Bo II	± 0.1
	Tolerierung				Maßstab 2:1 (1:1)
Ersterstellung 02.02.01 Rösler				Werkstoff	Benennung
Prüfung 02.02.01 Hegeler				---	Rodagon 2.8/28mm
Zeichnungsnummer				Blatt 1	
0701-389-100-20-0001b				von 1	
Ersatz für					

DIN A 4
Alle Maße in mm, inklusive Oberflächenbehandlung

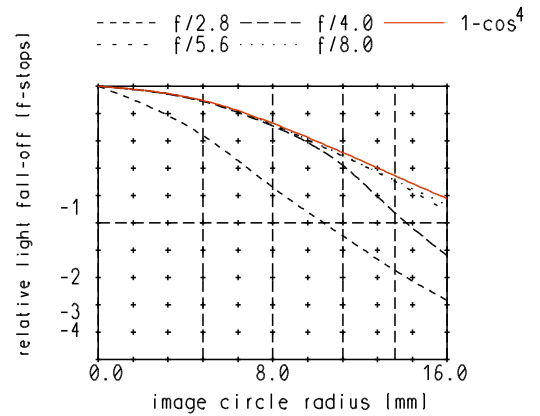


Rodagon_2.8/28

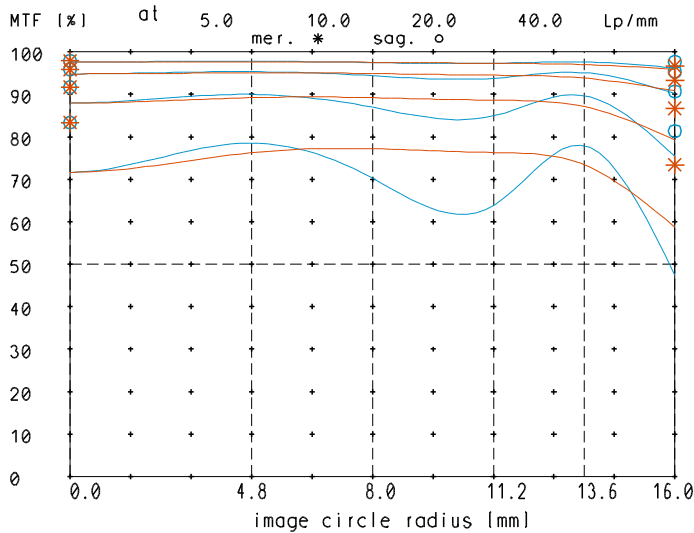
MTF at ratio 0.05x f/ 2.8



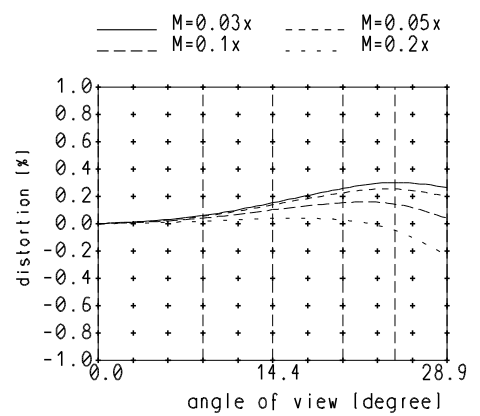
relative light fall-off at ratio 0.05x



MTF at ratio 0.05x f/ 5.6

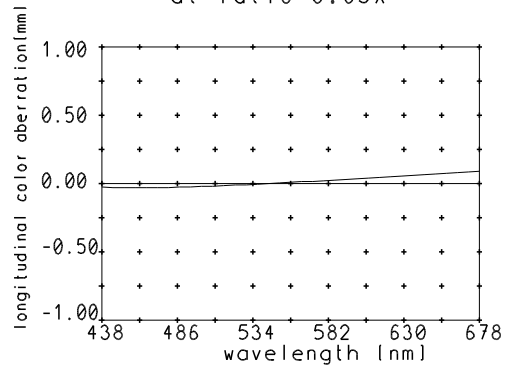


Distortion at ratio 0.03x to 0.2x



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

Longitudinal color aberration at ratio 0.05x



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.