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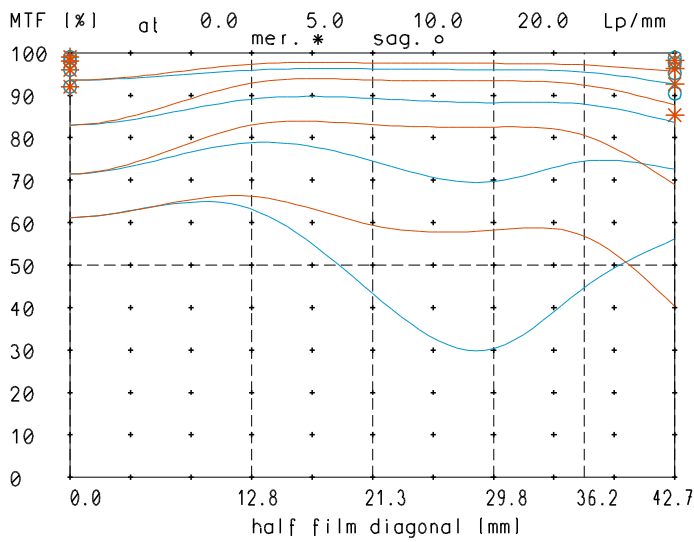
6 x 7 cm	maximales Format maximum format	$2y'_{\infty} = 84\text{mm}$	Bildkreis-Ø field diameter	Blende f-stop	theoretischer Blenden-Ø theoretical aperture dia.
$\beta'_{\text{opt}} = -0,25$	optimierter Maßstab optimized scale	$2w = 52^\circ$	Bildwinkel field angle		
-0.5...-0.125	Maßstabsbereich scale range	$S'_f = 78.4$	Schnittweite back focal length	22	3.39
$f' = 89.9$	Brennweite focal length	$HH' = 1.16$	Hauptpunktabstand nodal point distance	16	4.80
ON 7477-0017				11	6.79
				8	9.60
				5.6	13.58
				4.5	17.07
Maße ohne Toleranzangabe sind Rechenmaße in mm dimensions without tolerances are nominal dimensions in mm					

Date: 27-Aug-08
User: strozews
Time: 15:42
Node: poug40

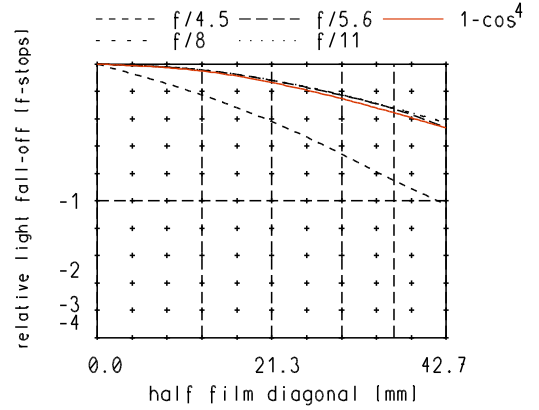
UG						Status		in Arbeit	
Schutzvermerk DIN 34 beachten	Rev.	Änd.-Beschr.	Datum	Name	zul. Abweichung für Mass, Form & Lage ISO 2768-mH	Oberfläche	Maßstab		
	a	Neuausg	21.05.08	Stroze			Werkstoff		
					Tolerierung ISO 8015		Benennung		
					Datum	Name	Rogonar-S 1:4.5 f=90mm		
					bearb. 21.05.08	Strozews			
					gepr.		Zeichnungsnummer		
DIN A 4					LINOS		0801-326-100-00-0001a		Blatt 1 von 1
				Ersatz für					

Rogonar-S_90

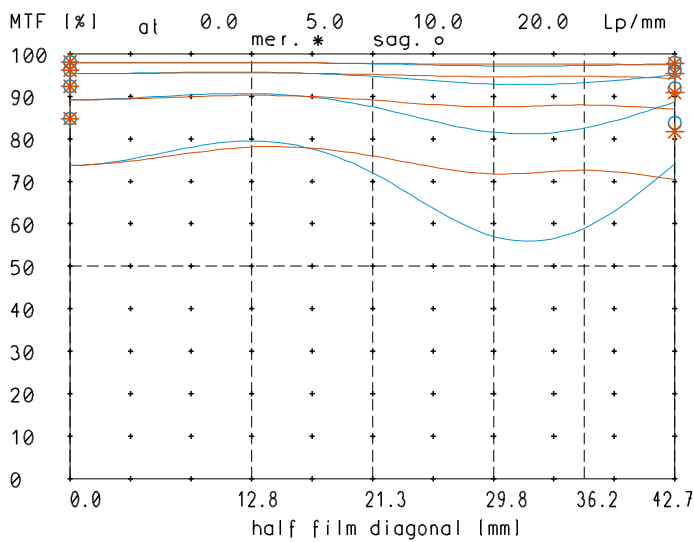
MTF at ratio -0.25 f/ 4.5



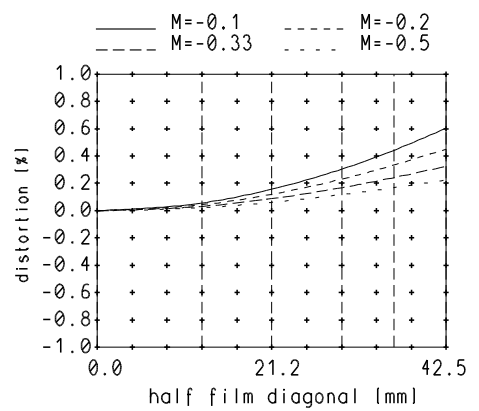
relative light fall-off at ratio -0.25



MTF at ratio -0.25 f/ 8

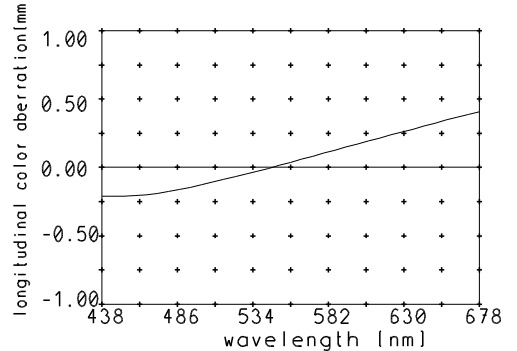


Distortion at ratio -0.1 to -0.5



— 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.