

↔
stufenlos einstellbar
continuous adjustment

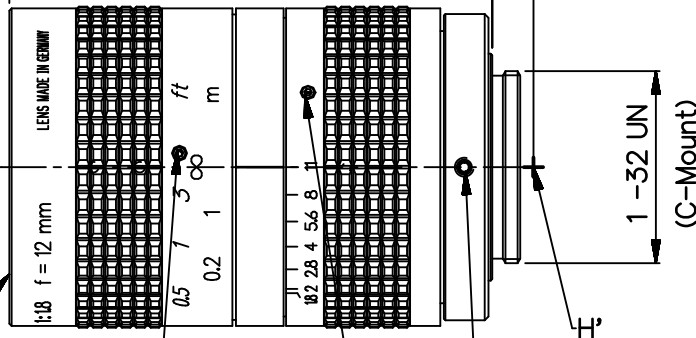
INFORMATION
= No Update Services =
18-Jan-2008 14:20

30 mm
kuerzeste Einstellentfernung
minimum object distance

63.9

$AL_{\infty} = 17.52$ (C-Mount)

5.5 bei ∞
at ∞



M 35.5 x 0.5
Filtergewinde
filter thread

Drei Schrauben, um das Objektiv
"aufrichten" zu koennen
display in the best readable position

Arretierschraube fuer
Fokussierung
locking screw of focusing

Arretierschraube fuer
Blendeneinstellung
locking screw of f-stop change

24.5 Lage der Eintrittspupille zur 1. Linse
pos. of entrance pupil to 1st glass surface $\varnothing 6.7$

21.6 Lage der Austrittspupille zu C-Mount
pos. of exit pupil to C-Mount $\varnothing 21.9$

Weitergabe sowie Vervielfältigung dieser Unterlage,
Verwertung und Mitteilung ihres Inhalts nicht gestattet,
soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen
verpflichten zu Schadenersatz. Alle Rechte vorbehalten.

Copying of this document, and giving it to others,
and the use or communication of the contents thereof,
are forbidden without express authority. Offenders are
liable to the payment of damages. All rights are reserved.

2/3"	maximales Format maximum format	$2y'_{\infty} = 11.0$	Bildkreis- \varnothing field diameter	Blende f-stop	theoretischer Blenden- \varnothing theoretical aperture dia.
$\beta'_{opt} = -0.05$	optimierter Maßstab optimized scale	$2w = 49.8^{\circ}$	Bildwinkel field angle		
-0.25 ... ∞	Maßstabsbereich scale range	$S'_F = 15.5$	Schnittweite back focal length	1.8	10.38
$f' = 12.0$	Brennweite focal length	$HH' = 31.39$	Hauptpunktabstand nodal point distance	2	9.3
ON 5801-9041				2.8	6.5
				4	4.6
				5.6	3.3
				8	2.3
				11	1.6

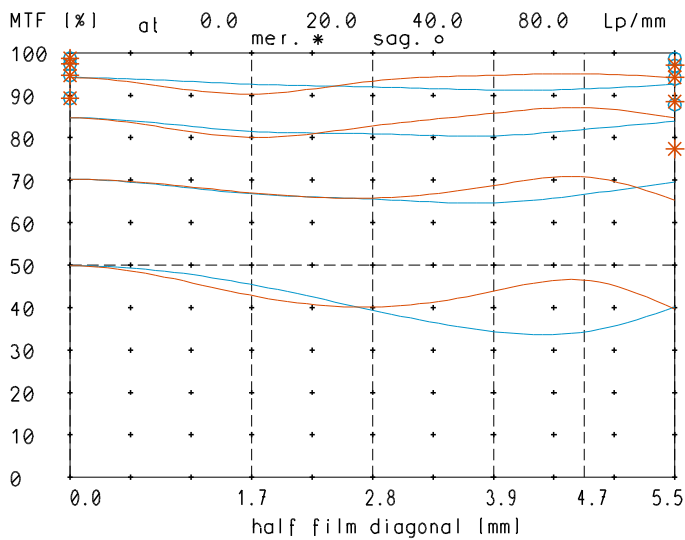
Maße ohne Toleranzangabe sind Rechenmaße in mm
dimensions without tolerances are nominal dimensions in mm

Date: 18-Jan-08
Time: 14:20
User: labarte
Node: poug2

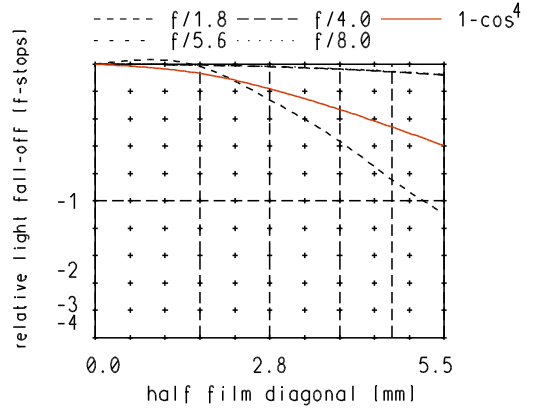
Schutzvermerk DIN 34 beachten	UG					Status in Arbeit	
	Rev.	Änd.-Beschr.	Datum	Name	zul. Abweichung für Mass, Form & Lage	Oberfläche	Maßstab 1:1
	a	Neuausg					Werkstoff
	b	06-007	13.02.06	Denk			Benennung MeVis-C 1.8/12mm
	c	08-019	18.01.08	Labarte			
	Tolerierung ISO 8015					Zeichnungsnummer 0020-005-100-40-0001c	
		Datum	Name				
		bearb.	12.10.05 Hegele				
		gepr.	12.10.05 Riegg	Ersatz für			
DIN A 4	LINOS						

Mev is-C_12mm

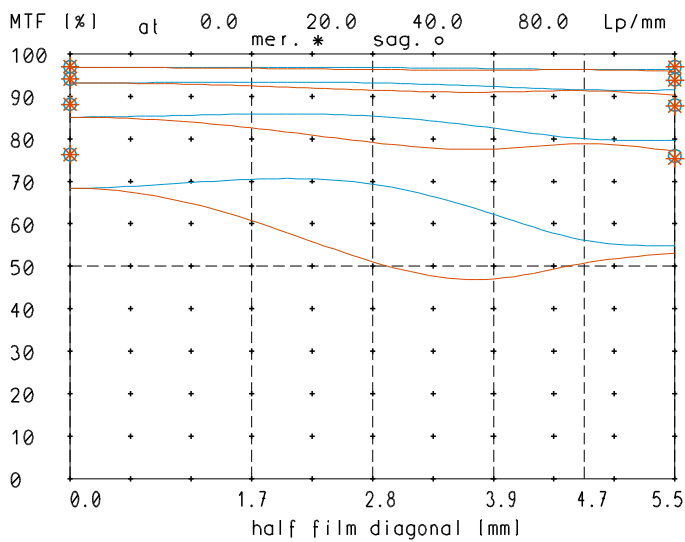
MTF at ratio -0.05 f/ 1.8



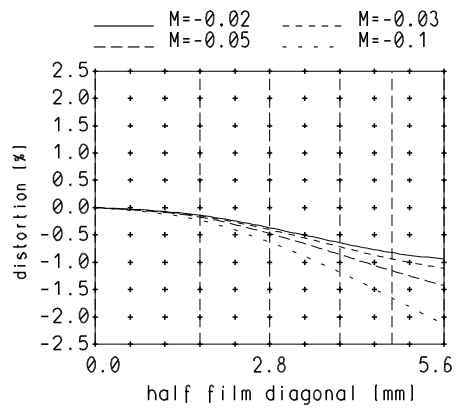
relative light fall-off at ratio -0.05



MTF at ratio -0.05 f/ 4.0

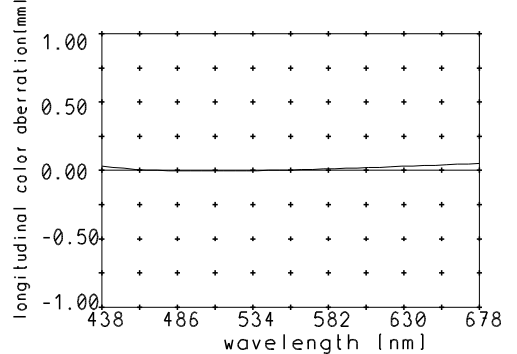


Distortion at ratio -0.02 to -0.1



— 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.