

SPECIFICATION

1. USE	FOR 1" COLOR B/W CAMERA	
2. FOCAL LENGTH	f=25~300mm	
3. IRIS RANGE	F= 2.8 ~ 32	
4. IMAGE SIZE	$\phi 16$ (12.8x9.6)	
5. FLANGE FOCAL LENGTH	17.526mm in air	
6. FOCUS RANGE	∞ ~ 2.0 m	
7. FIELD ANGLE	DIA. (W)	(H) 35.8° (V) 3.1°
8.	HQ.	28.6° 2.5°
	VER.	21.7° 1.9°
9. DISTORTION (TV)	0.1% 0.5%	
10. LENS CONSTRUCTION	15 GROUPS 20 ELEMENTS	
11. CLEAR APERTURE	FRONT $\phi 74.8$	REAR $\phi 20.1$
12. WEIGHT	1950g	

① DC (DIRECT CONTROL)

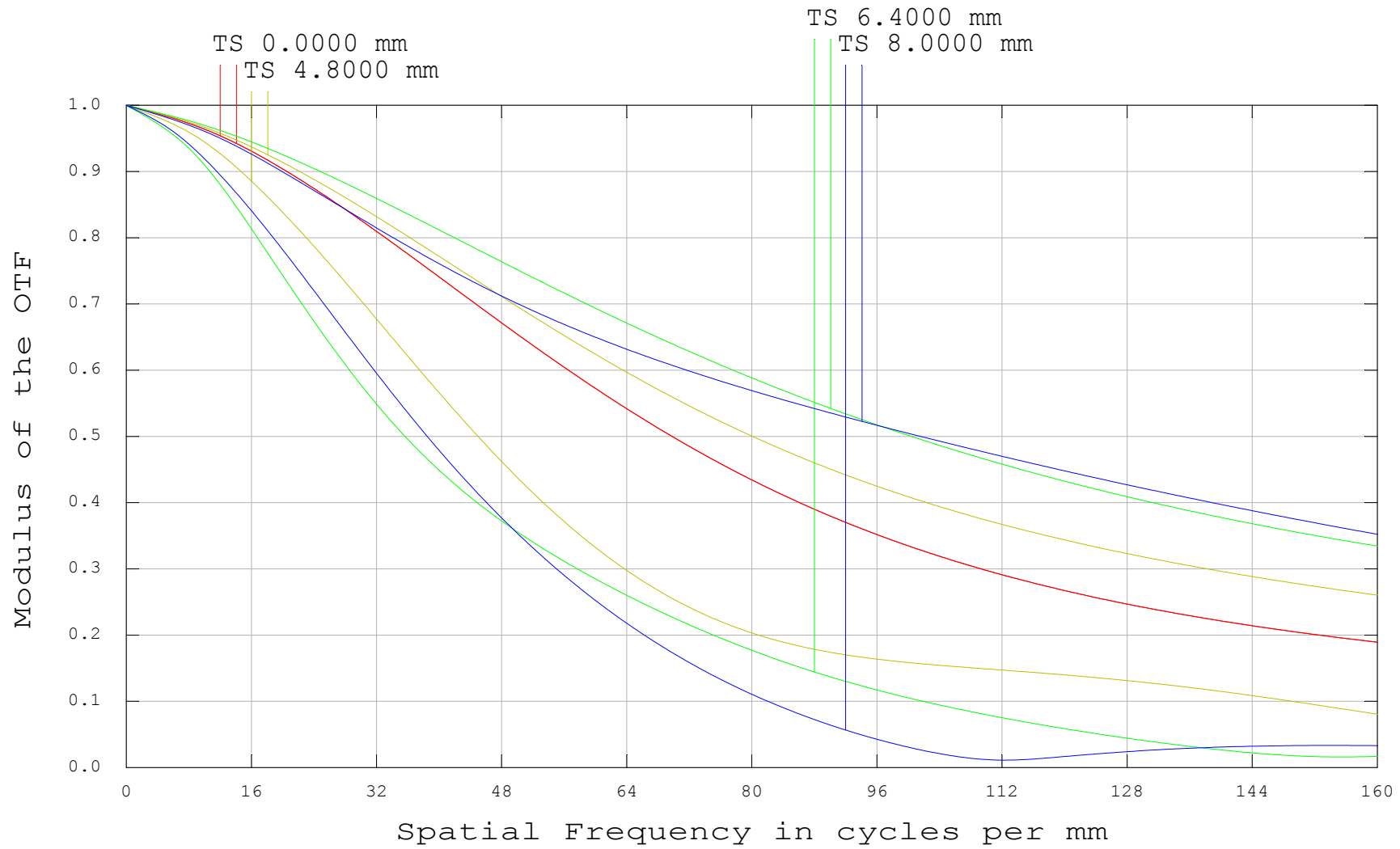
DRIVE RESISTOR	190 Ω $\phi 0.0$
COIL COLOR	RED (+) 3pin BLACK 4pin
BRAKE RESISTOR	1150 Ω $\phi 0.0$
COL COLOR	YELLOW (+) 2pin GREEN 1pin
DRIVE OPEN VOLT.	LESS THAN +4V
CLOSE	OVER THAN 0V
	W/LOGGING SPRING

② MOTOR CABLE

(+) GREEN	FOCUS NEAR
(+) BLACK	FOCUS FAR
(+) YELLOW	ZOOM IN
(+) RED	ZOOM OUT



尺 1/1	※	■
LMZ25300AMPDC		
1inch	F2.8	
f25-300mm		
2014.2.21	作成年月日	



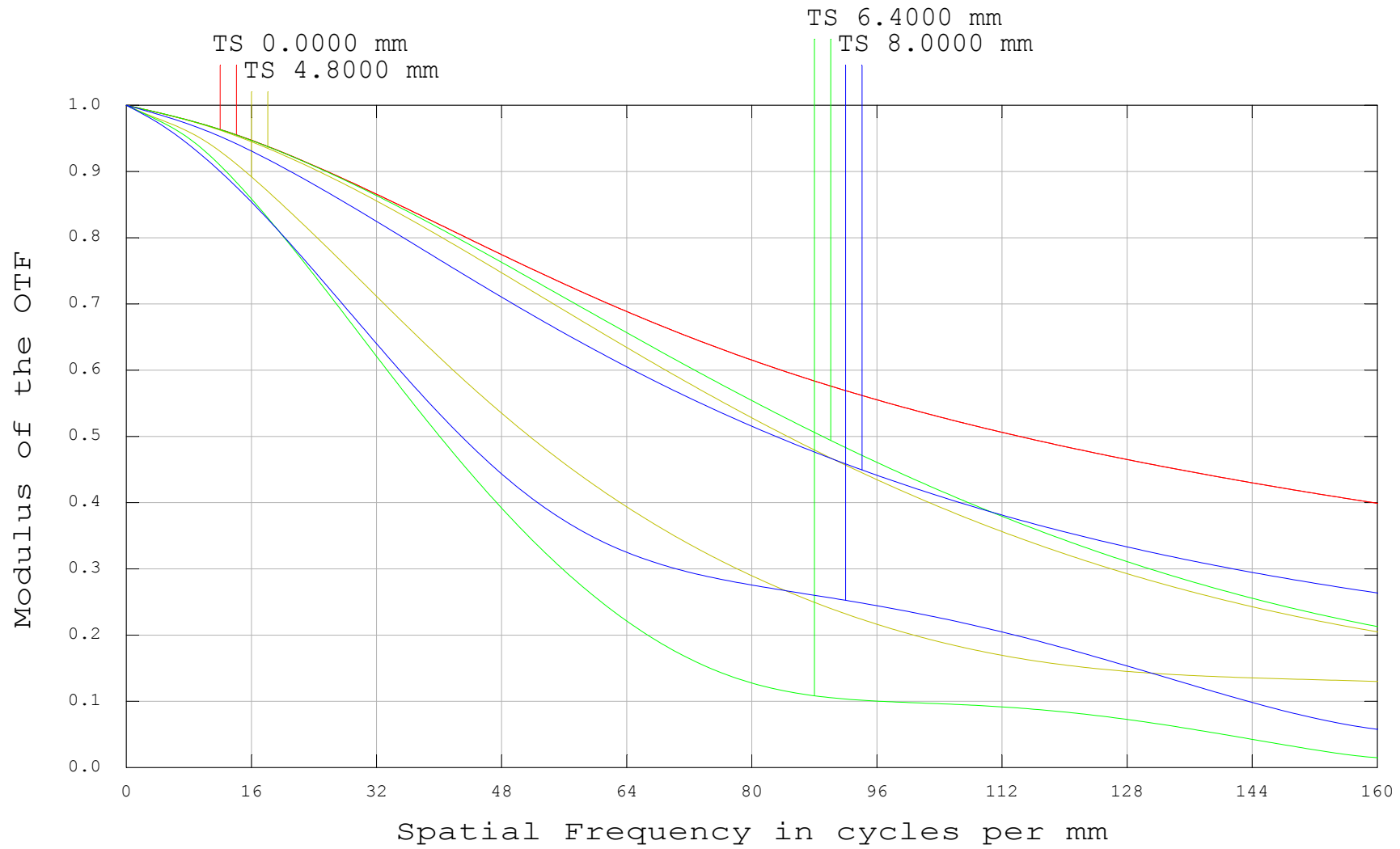
Polychromatic Diffraction MTF

LMZ25300-IR (25-300mmF2.8) f=25mm

Data for 0.4861 to 0.6563 μm .

Surface: Image



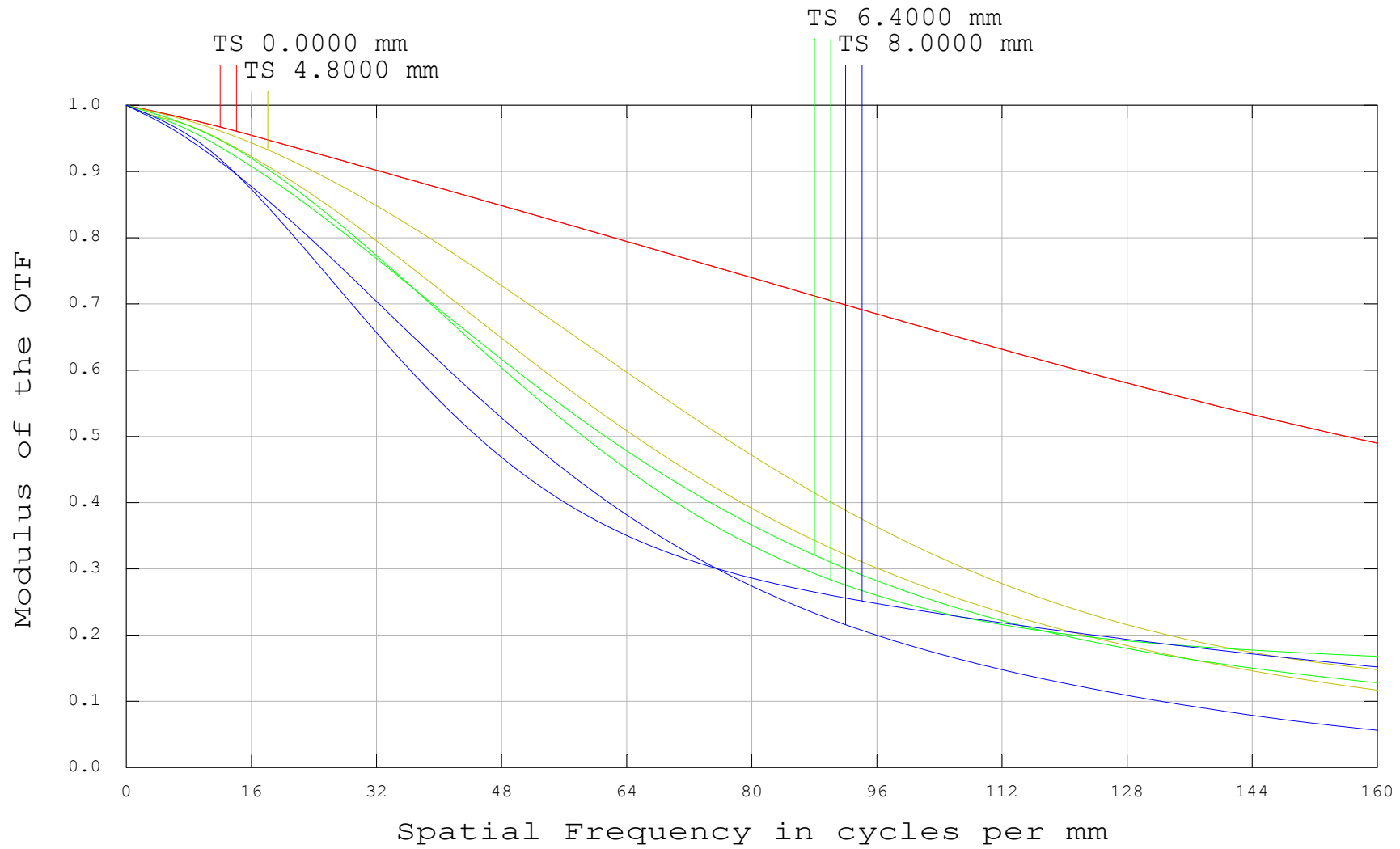


Polychromatic Diffraction MTF

LMZ25300-IR (25-300mmF2.8) f=65mm

Data for 0.4861 to 0.6563 μm .

Surface: Image

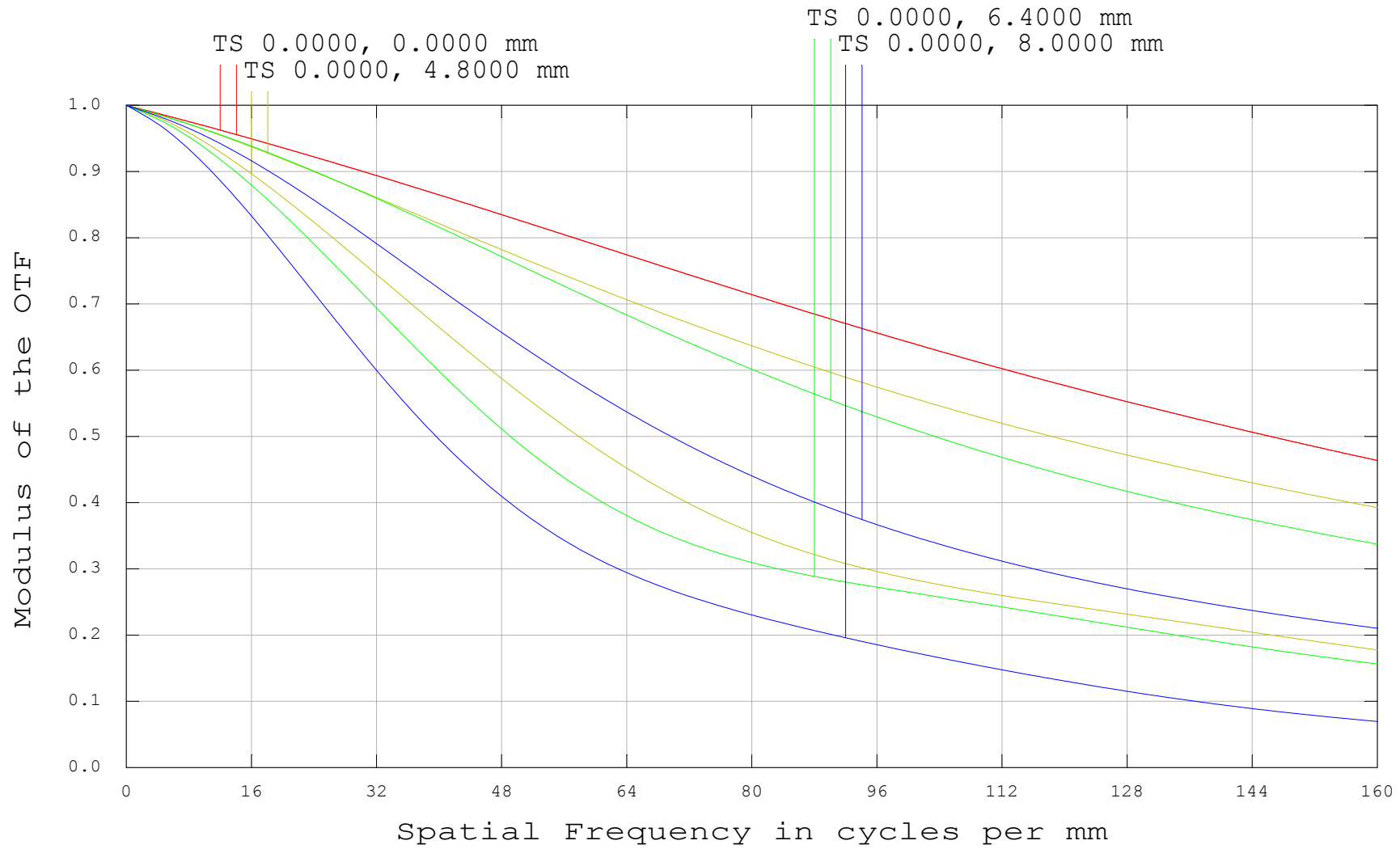


Polychromatic Diffraction MTF

LMZ25300-IR (25-300mmF2.8) f=150

Data for 0.4861 to 0.6563 μm .

Surface: Image



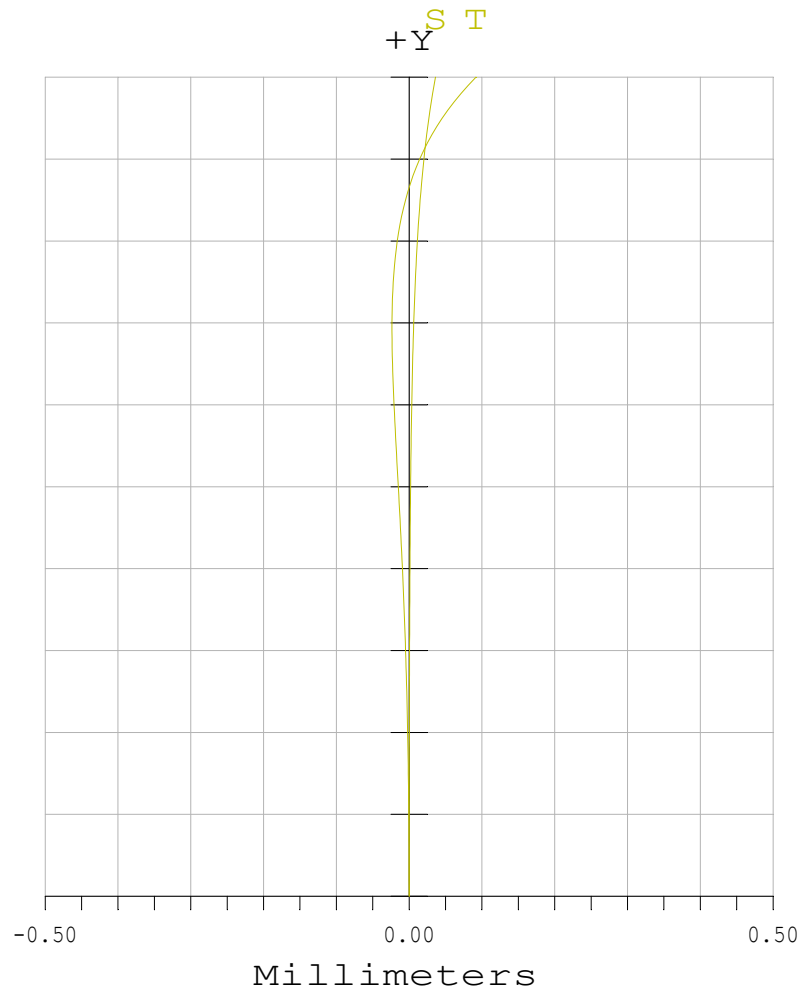
Polychromatic Diffraction MTF

LMZ25300-IR (25-300mmF2.8) f=300

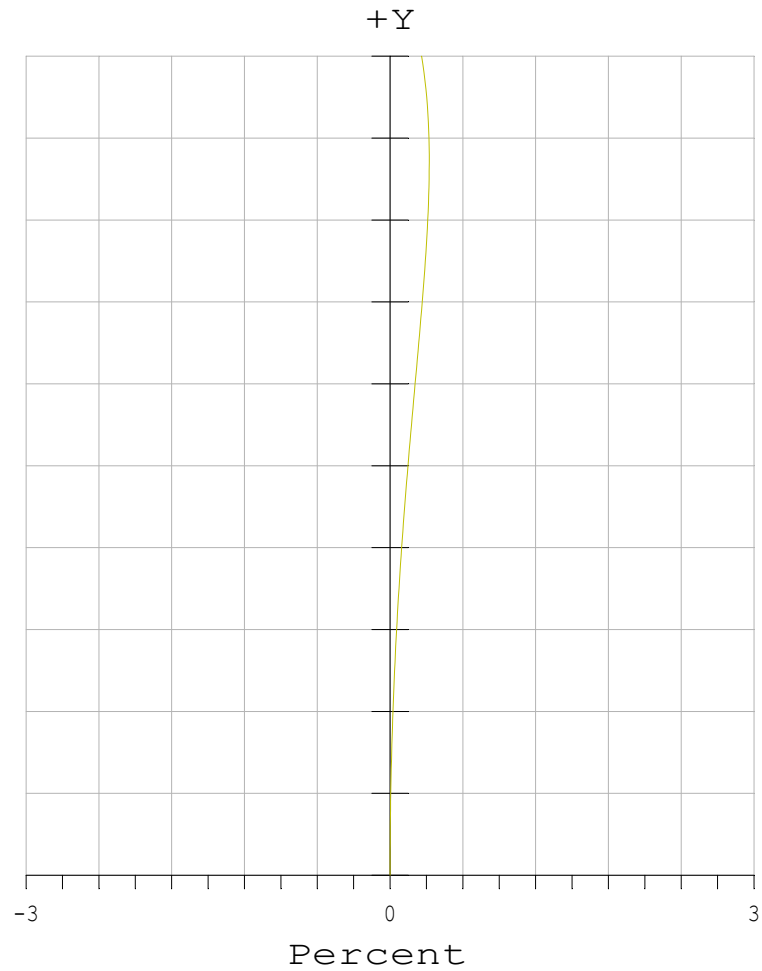
Data for 0.4861 to 0.6563 μm .

Surface: Image

Field Curvature



Distortion



Field Curvature / F-Tan(Theta) Distortion

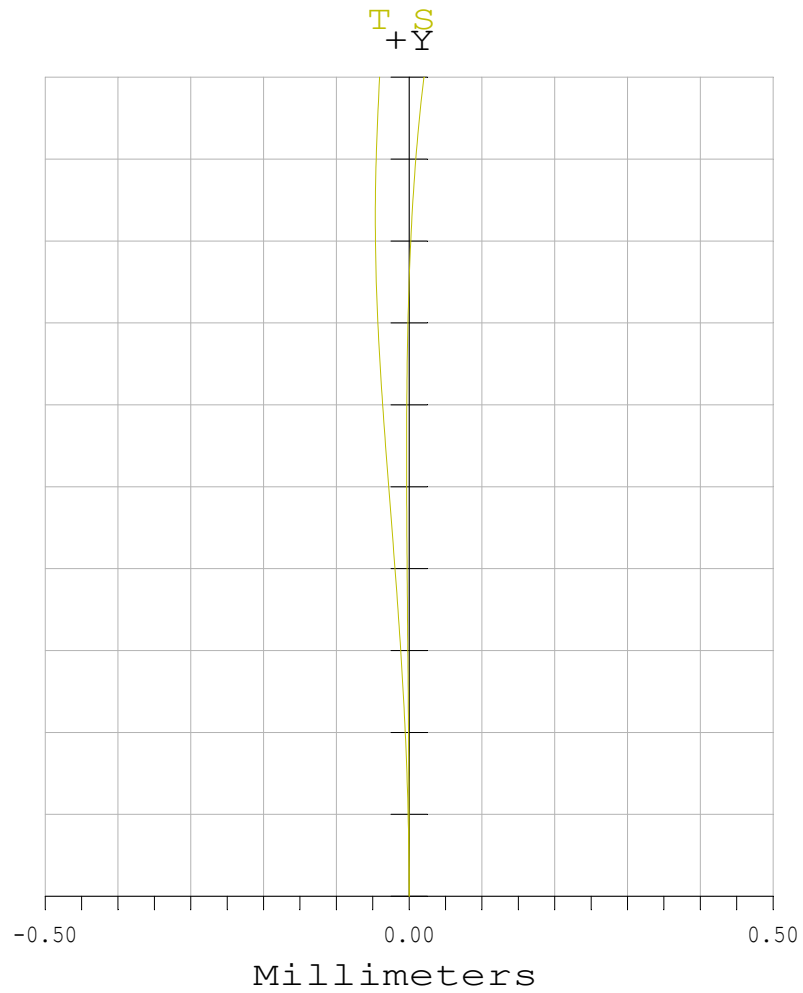
LMZ25300-IR (25-300mmF2.8) f=25mm

Maximum Field is 8.000 Millimeters.

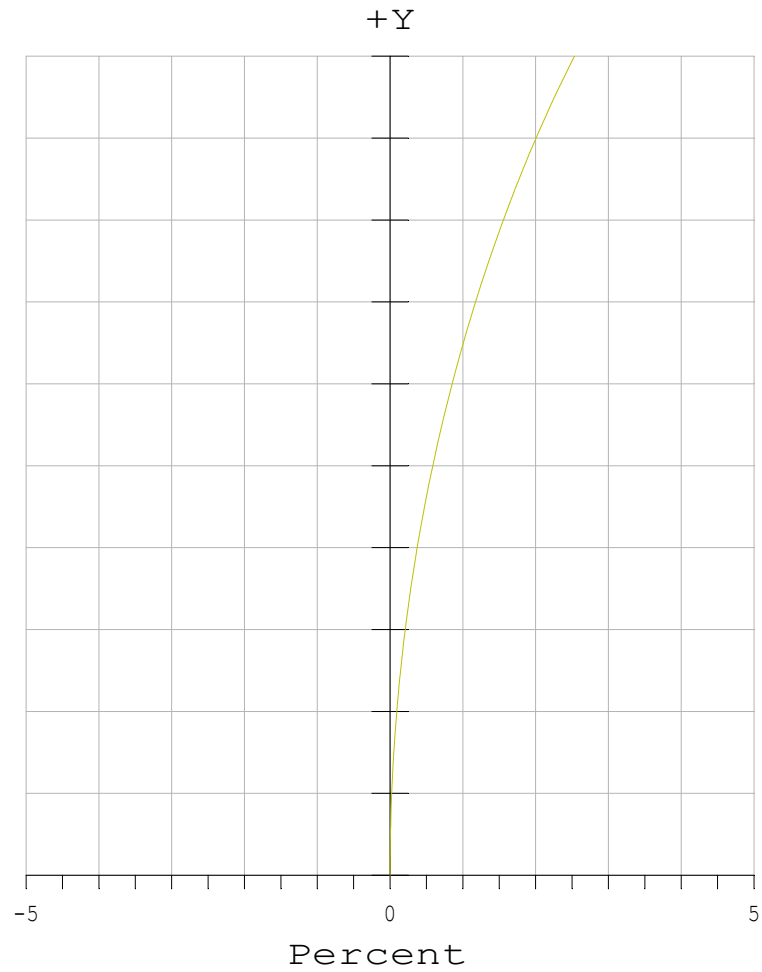
Wavelengths: 0.588



Field Curvature



Distortion



Field Curvature / F-Tan(Theta) Distortion

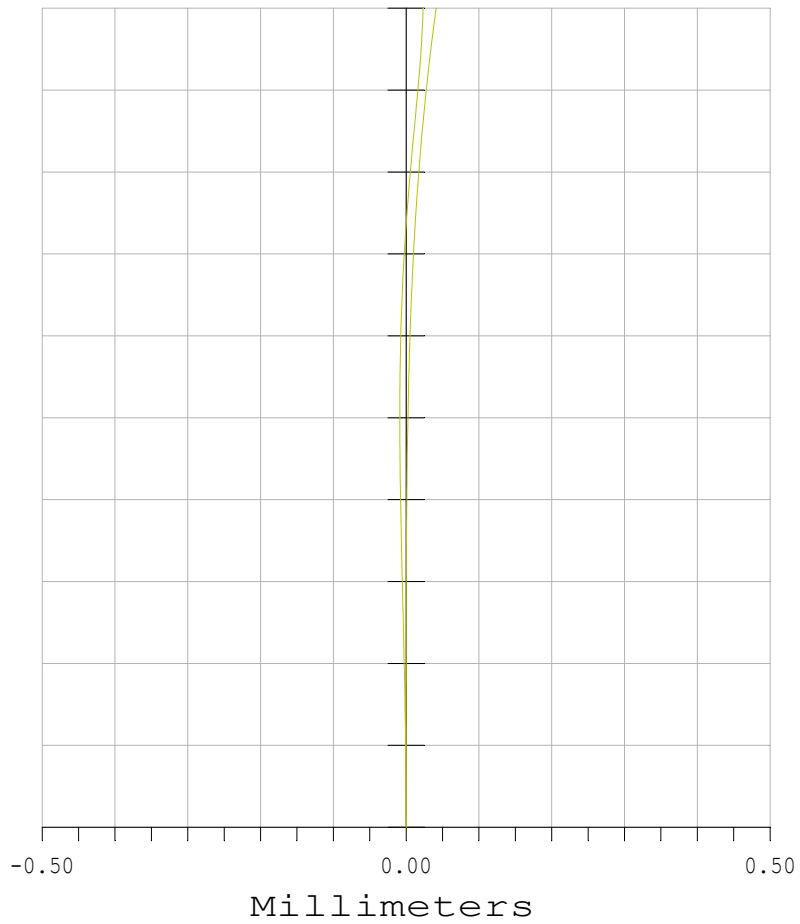
LMZ25300-IR (25-300mmF2.8) f=65mm

Maximum Field is 8.000 Millimeters.

Wavelengths: 0.588

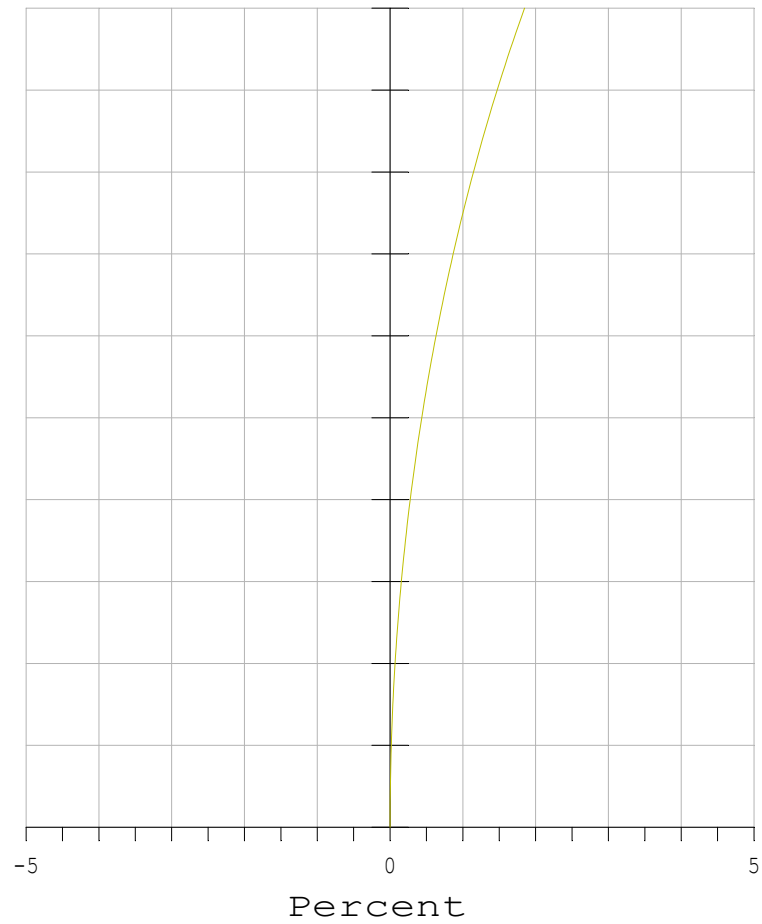
Field Curvature

+Y T S



Distortion

+Y



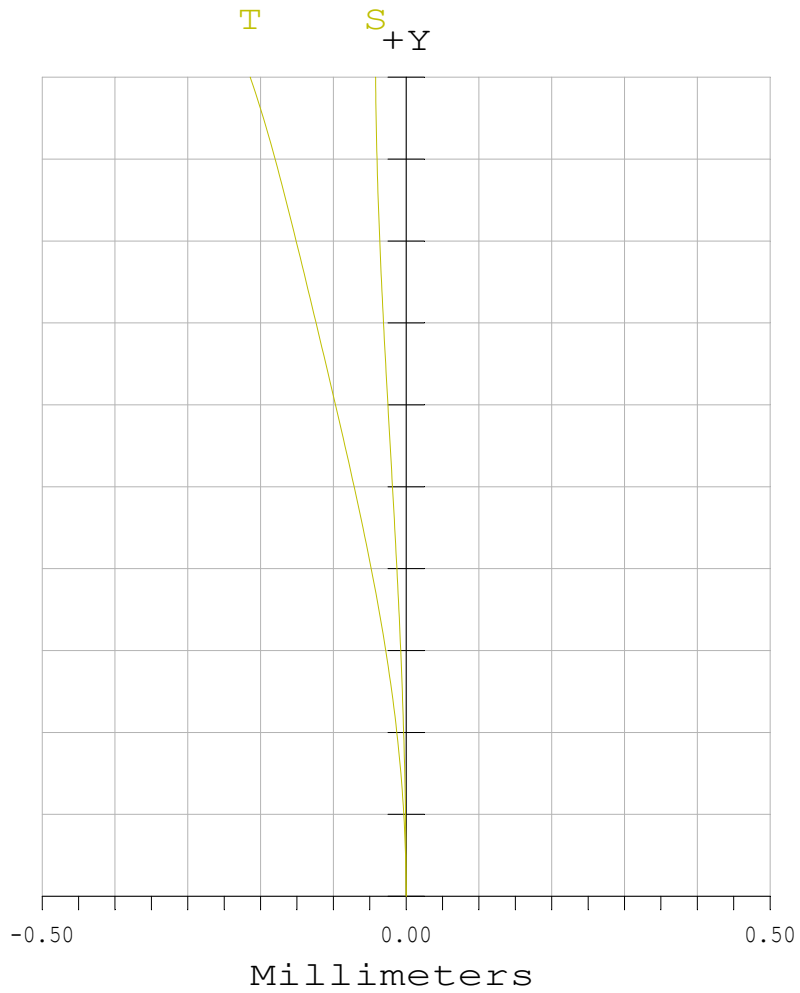
Field Curvature / F-Tan(Theta) Distortion

LMZ25300-IR (25-300mmF2.8) f=150mm

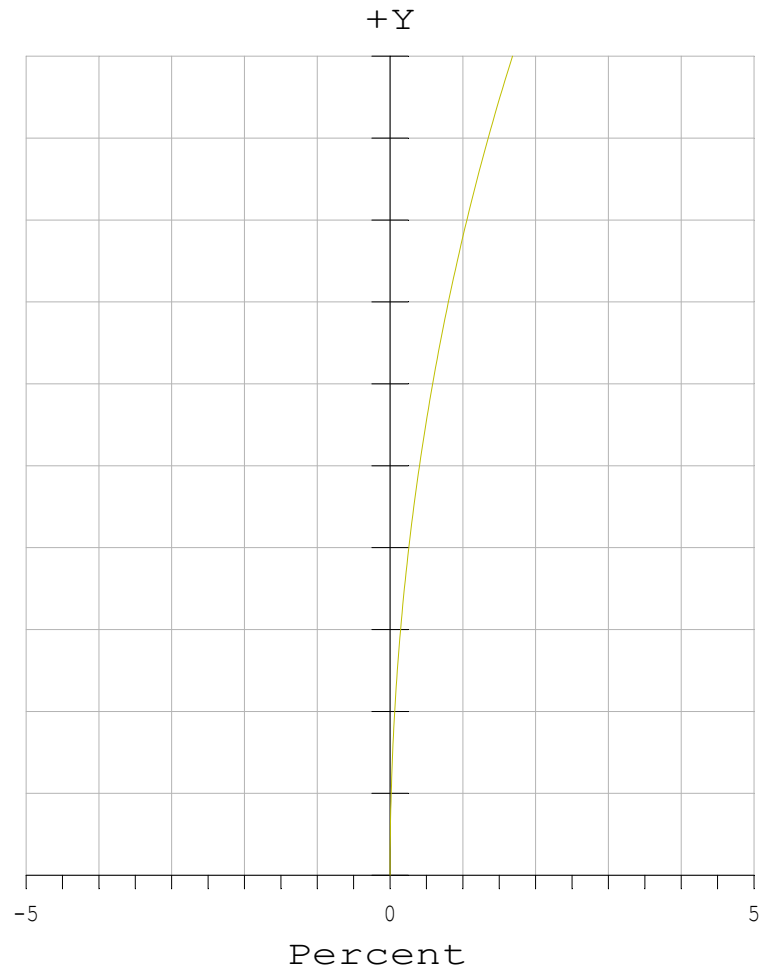
Maximum Field is 8.000 Millimeters.

Wavelengths: 0.588

Field Curvature



Distortion



Field Curvature / F-Tan(Theta) Distortion

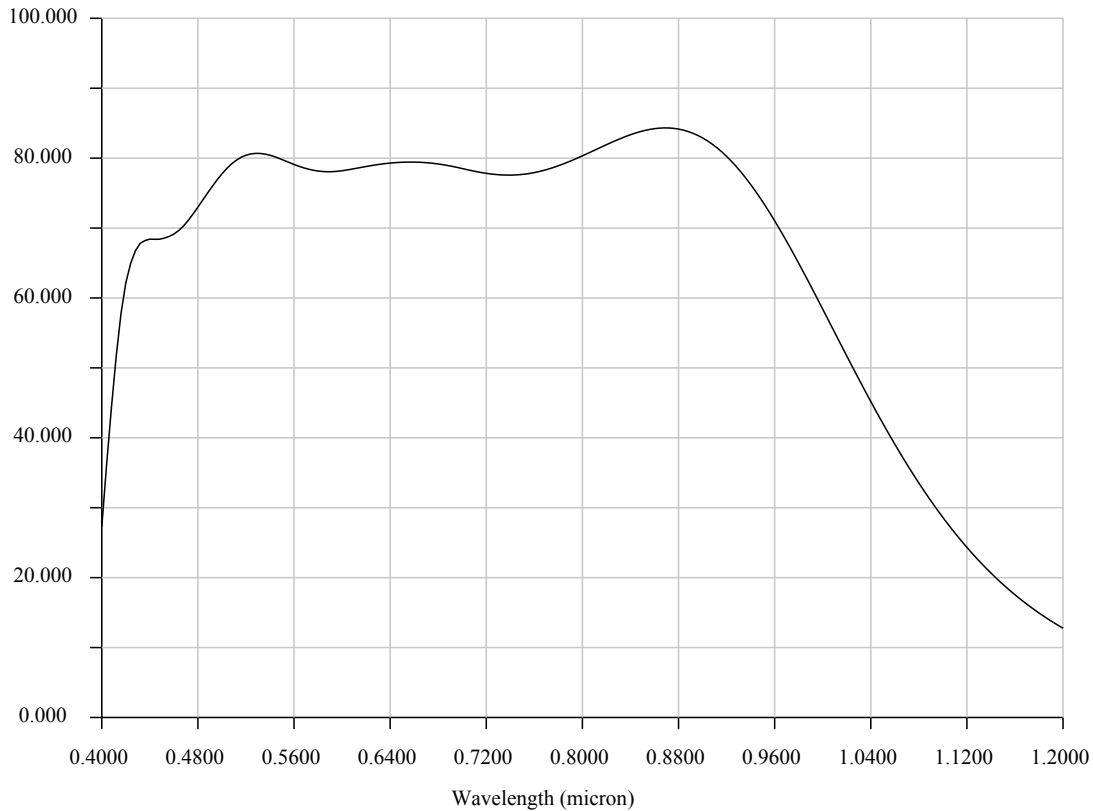
LMZ25300-IR (25-300mmF2.8) f=300mm

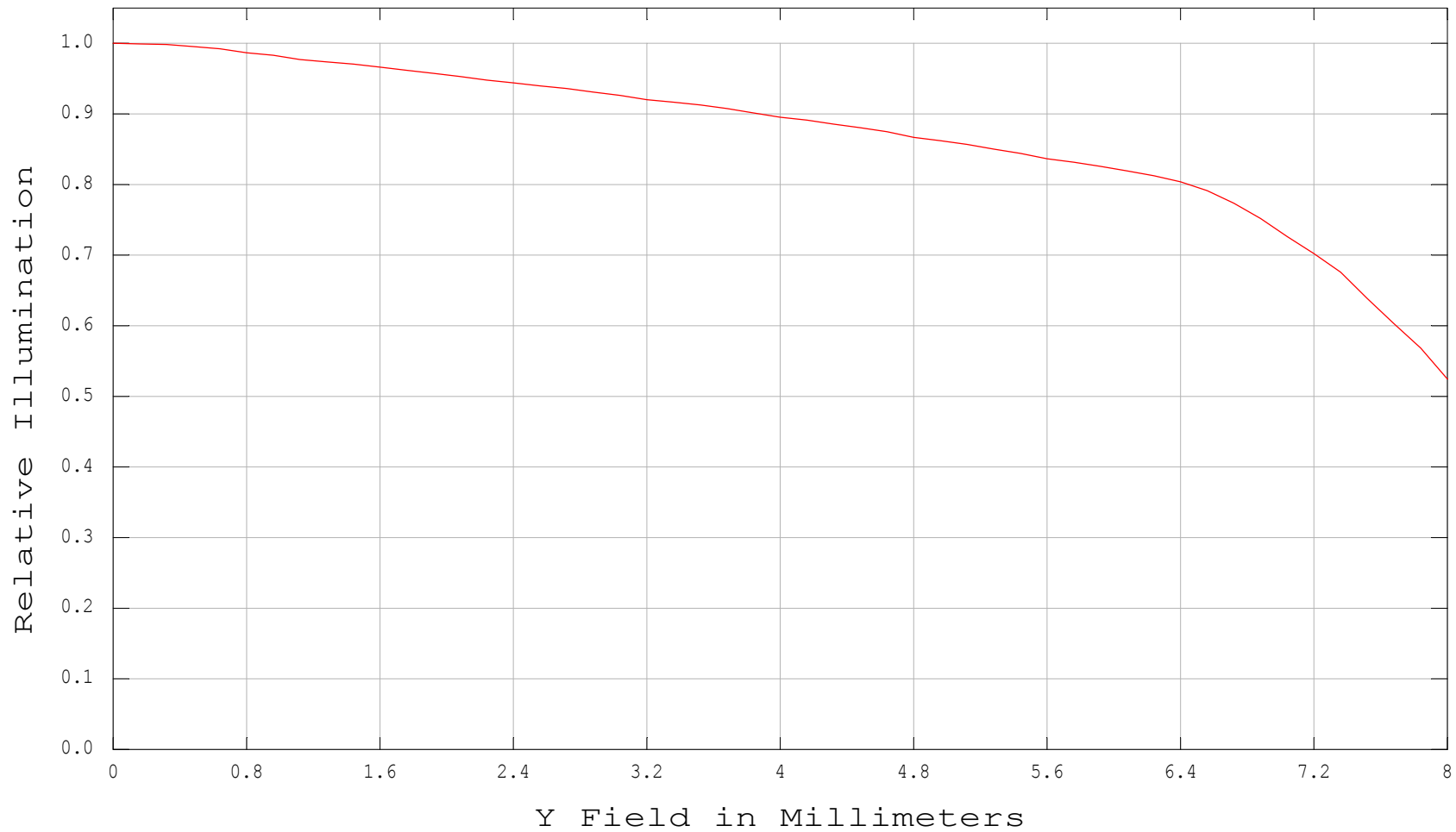
Maximum Field is 8.000 Millimeters.

Wavelengths: 0.588



Transmission (%)



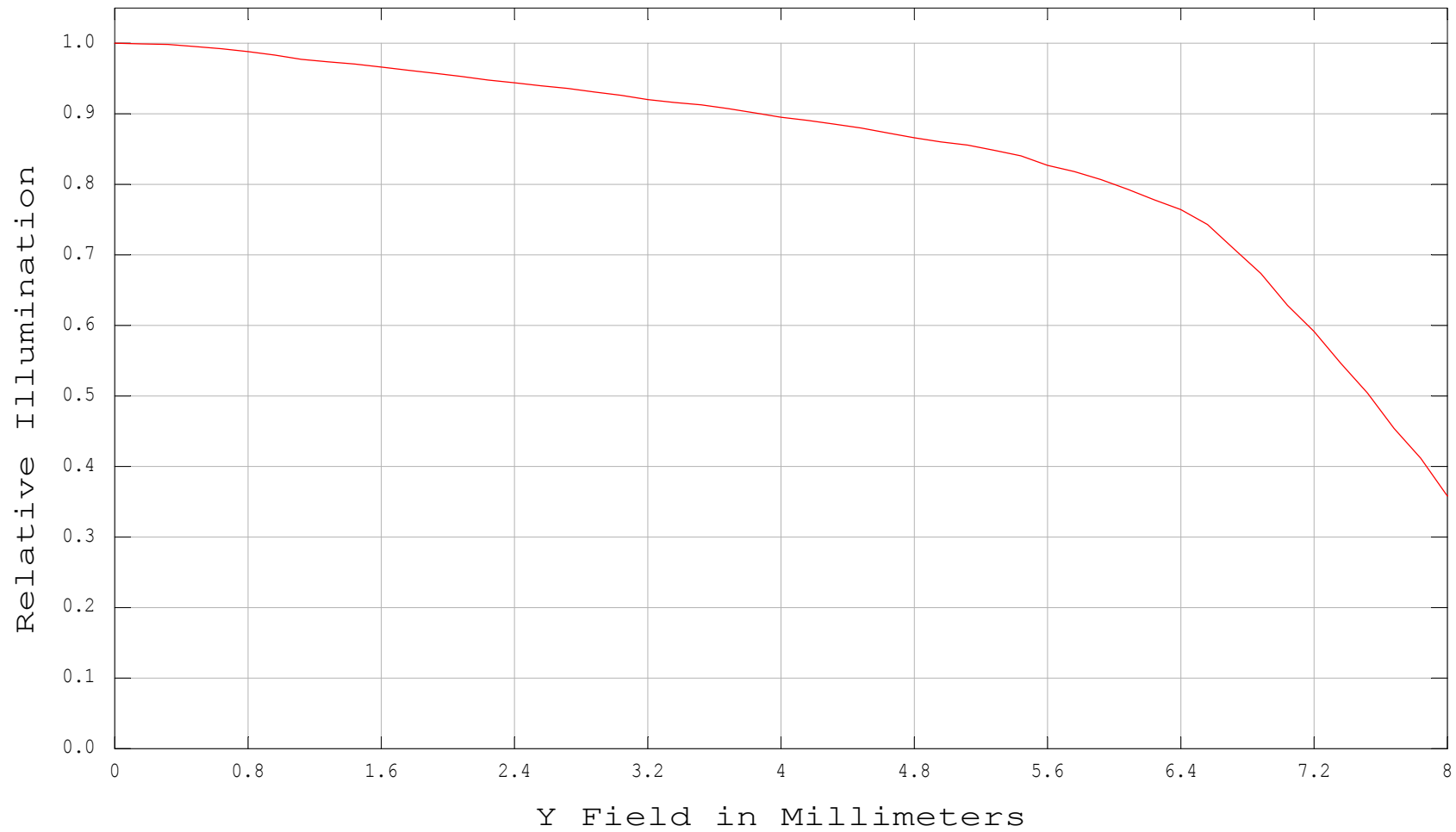


Relative Illumination

LMZ25300-IR (25-300mmF2.8) f=25mm

Wavelength: 0.587560 μm

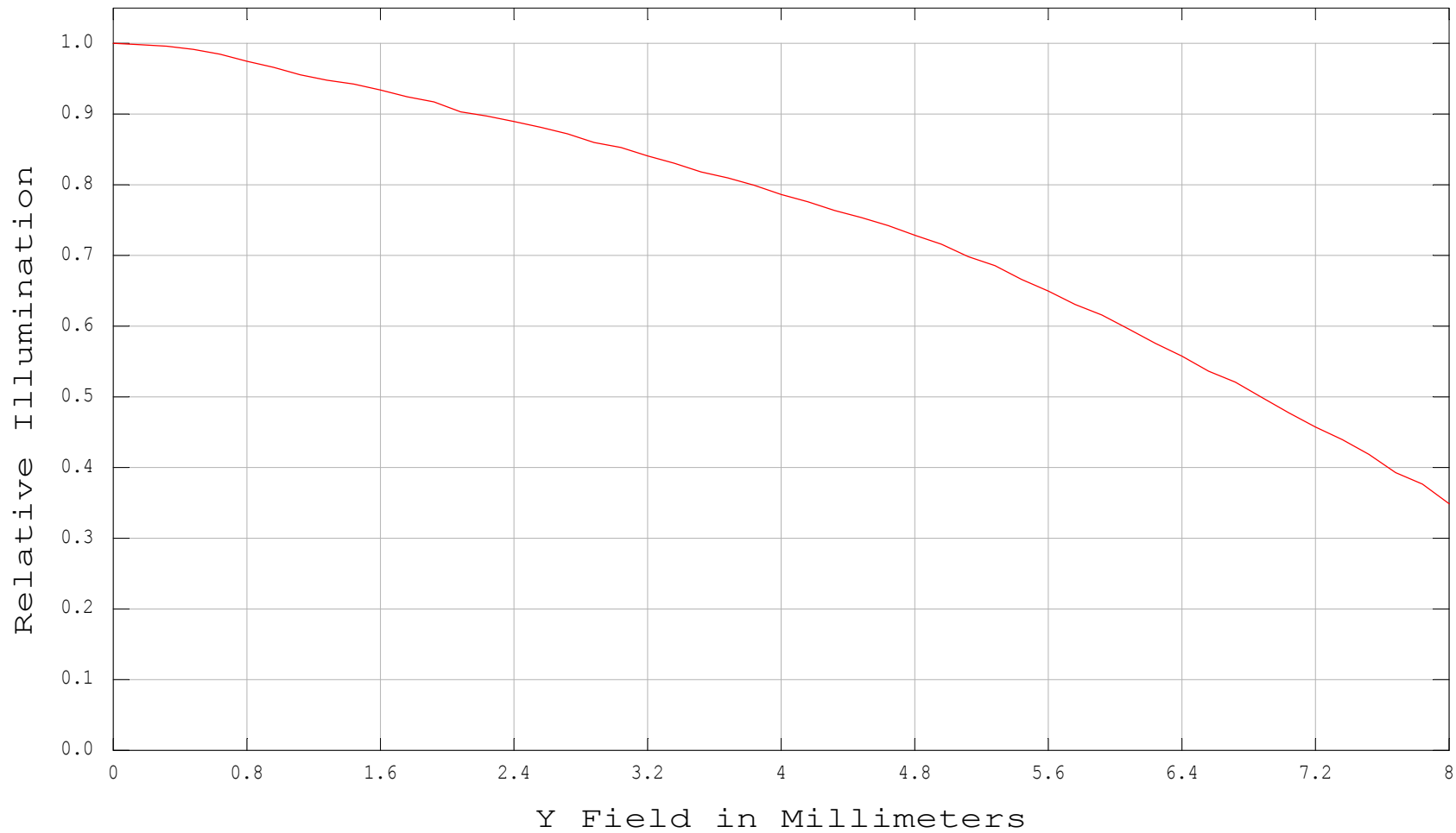




Relative Illumination

LMZ25300-IR (25-300mmF2.8) f=65mm

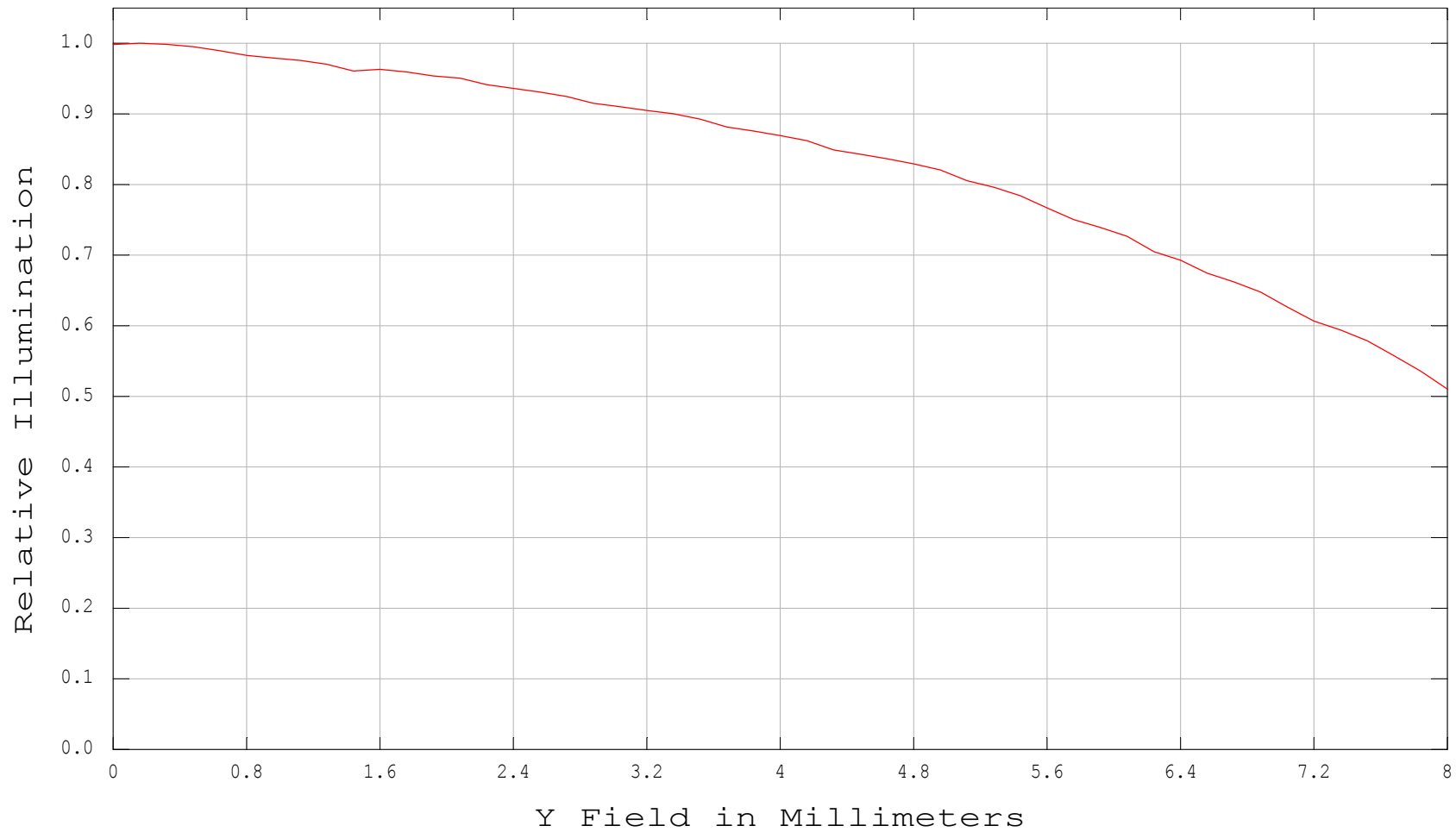
Wavelength: 0.587560 μm



Relative Illumination

LMZ25300-IR (25-300mmF2.8) f=150mm

Wavelength: 0.587560 μm



Relative Illumination

LMZ25300-IR (25-300mmF2.8) f=300mm

Wavelength: 0.587560 μm