

USE	1/1.8" (φ9mm)		
FOCAL LENGTH	f=20~750mm		
IRIS RANGE	F=4.6~32 (Tele:F7.0)		
IMAGE SIZE	5.4x7.2mm (φ9)	4.8x6.4mm (φ8)	3.6x4.8mm (φ6)
FIELD ANGLE	DIA.	(w) 24.8° (t) 0.69°	(w) 22.1° (t) 0.61°
	HOR.	(w) 20.0° (t) 0.55°	(w) 17.9° (t) 0.49°
	VER.	(w) 15.1° (t) 0.41°	(w) 13.5° (t) 0.37°
FIELD OF VIEW DIA. AT M.O.D.	HOR.	(w) 2108mm (t) 57mm	(w) 1881mm (t) 52mm
	VER.	(w) 1697mm (t) 46mm	(w) 1511mm (t) 42mm
		(w) 1277mm (t) 35mm	(w) 1136mm (t) 31mm
DISTORTION (TV)		(w) 0.44% (t) 0.21%	(w) 0.27% (t) 0.18%
			(w) 0.14% (t) 0.09%
FOCUS RANGE	∞~5.0m		
FILTER THREAD	M112x1.0		
CREAR APERTURE	FRONT φ104mm REAR φ14.2mm		
EXIT PUPIL POSITION	-87.0mm		
WEIGHT	2,700 g		

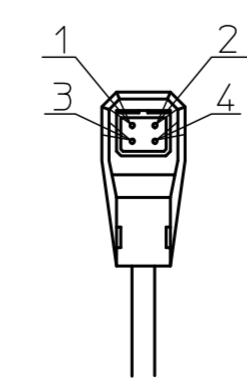
① MOTOR & POT. CABLE (FOCUS, ZOOM)

SHIELD	SHIELD
BLUE	RS422 RXD-
GRAY	RS422 RXD+
YELLOW	ZOOM WIPER (*)
ORANGE	RS422 TXD- / RS485B(-)
PURPLE	RS422 TXD+ / RS485A(+)
BLACK	POWER GND
BROWN	POWER DC+12V
RED	FOCUS WIPER (*)
GREEN	SIGNAL GND (WIPER GND / GND OF RS422 AND RS485)
WHITE	NC
PINK	FOCUS CONTROL +
LIGHT BLUE	FOCUS CONTROL -
LIGHT GREEN	ZOOM CONTROL +
PURPLE / BLACK	ZOOM CONTROL -

(\*)The output of the potentiometer.  
0-5V (Typ.) with 470 Ohm series resistor.

② IRIS CABLE (DIRECT CONTROL)

DRIVE COIL	RESISTOR	190Ω (20°C)
	COLOR	RED(+) 3pin BLACK 4pin
BRAKE COIL	RESISTOR	1150Ω (20°C)
	COLOR	YELLOW(+) 2pin GREEN 1pin
DRIVE VOLT.	OPEN	LESS THAN +4V
	CLOSE	OVER THAN 0V W/CLOSING SPRING



VIDEO INPUT	ANALOGUE VIDEO SIGNAL NTSC/PAL
VIDEO OUTPUT	ANALOGUE VIDEO SIGNAL NTSC/PAL
VIDEO CONNECTOR	TWO BNC(IN AND OUT)
POWER	DC+12V±10%
POWER CONSUMPTION	10W

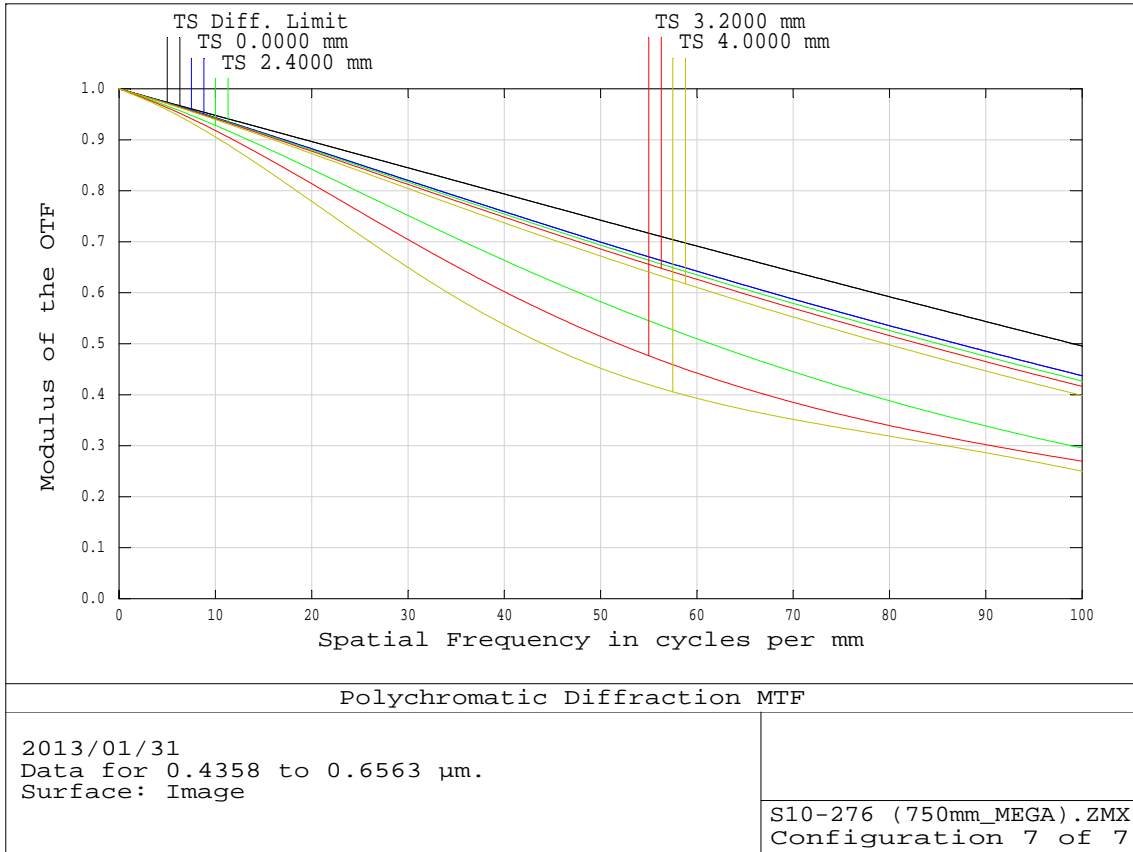
DIPSW SETTING	
DIP SW1	RS422/485 Tx TERMINATOR SWITCH ENABLE(ON)
DIP SW2	RS422 Rx TERMINATOR SWITCH ENABLE(ON)

The termination resistors are 110 ohm.

		機種名	F4.6/20-750mm
		機種番	LMZ20750AMPDC-XFAF
2017.03.24	作成年月日		

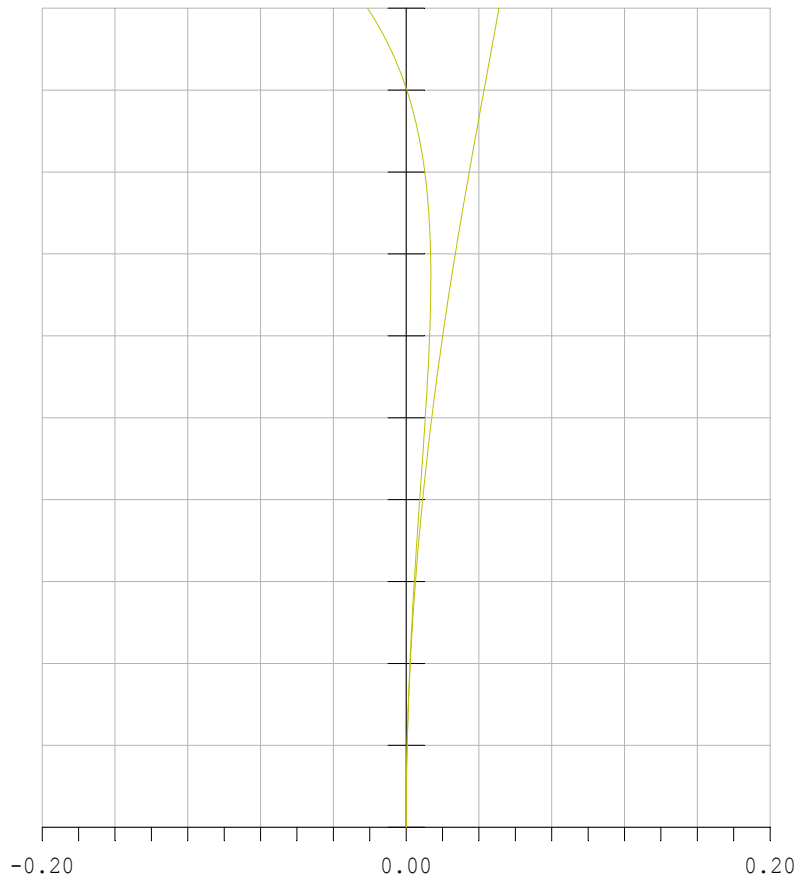
LMZ20750

TELE (Object\_distance  $\infty$ )



Field Curvature

T +Y S

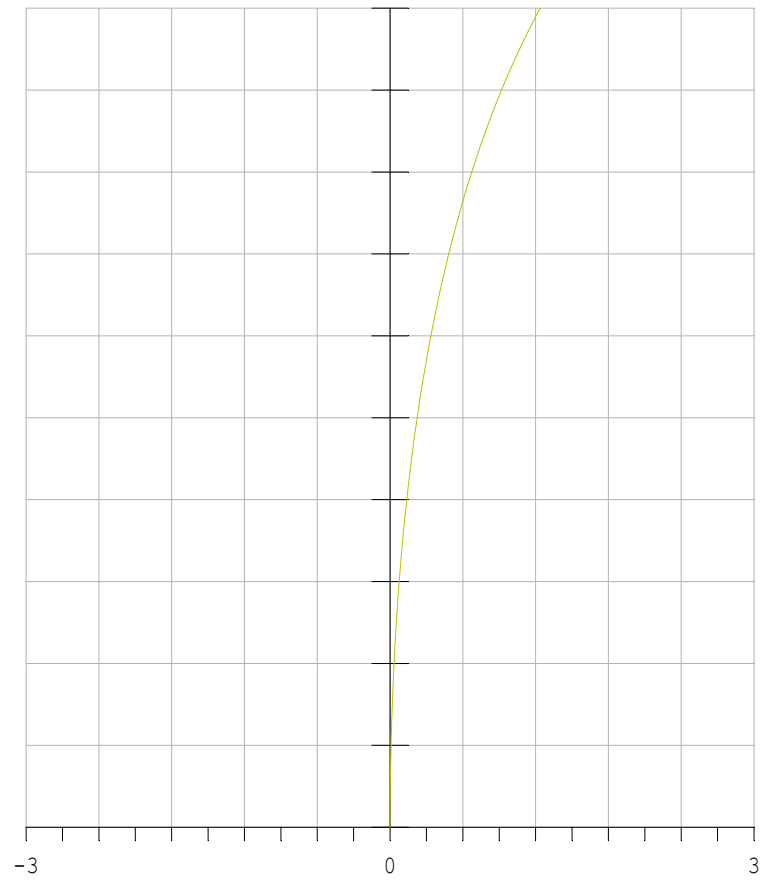


Millimeters

Field units changed to field angle

Distortion

+Y



Percent

Field Curvature / F-Tan(Theta) Distortion

LMZ20750-IR (20-750mmF4.6) f=20mm

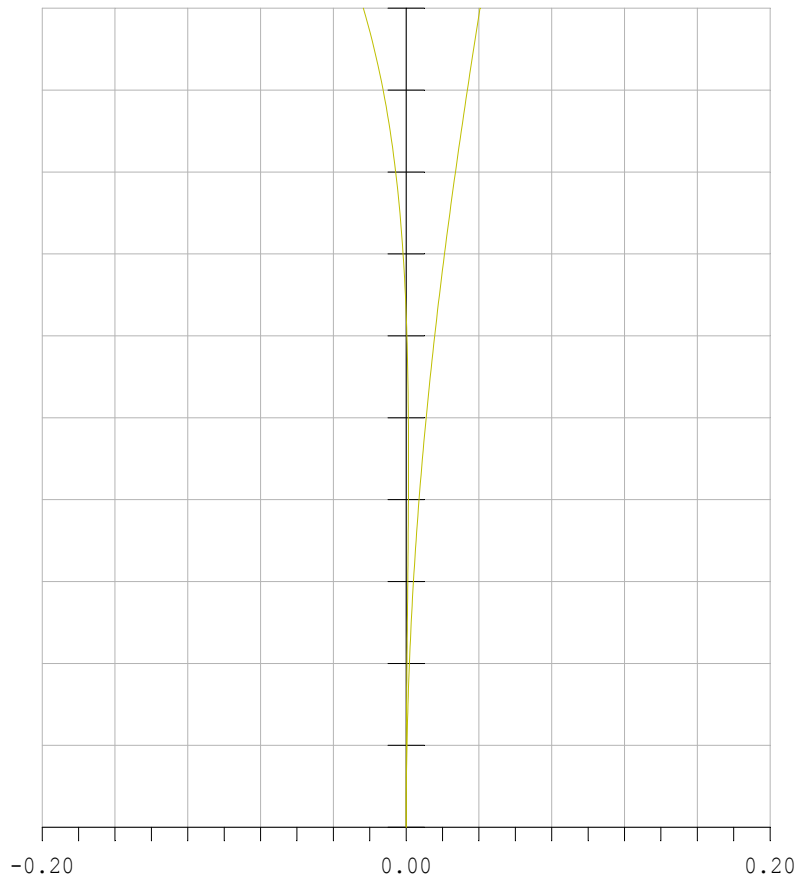
Maximum Field is 12.379 Degrees.

Wavelengths: 0.588

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Field Curvature

T +Y S

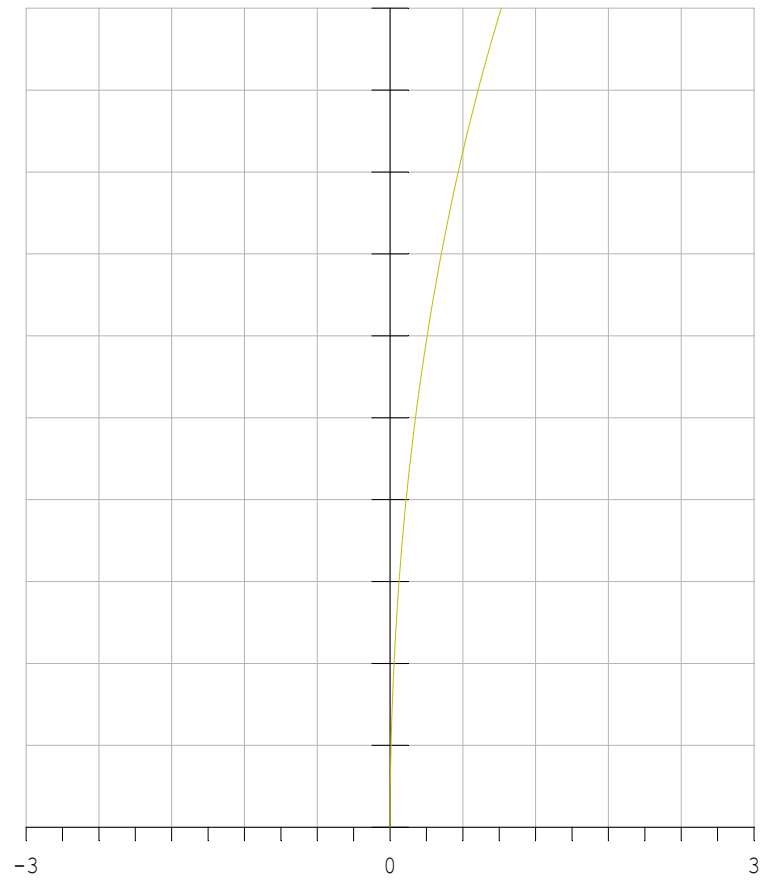


Millimeters

Field units changed to field angle

Distortion

+Y



Percent

Field Curvature / F-Tan(Theta) Distortion

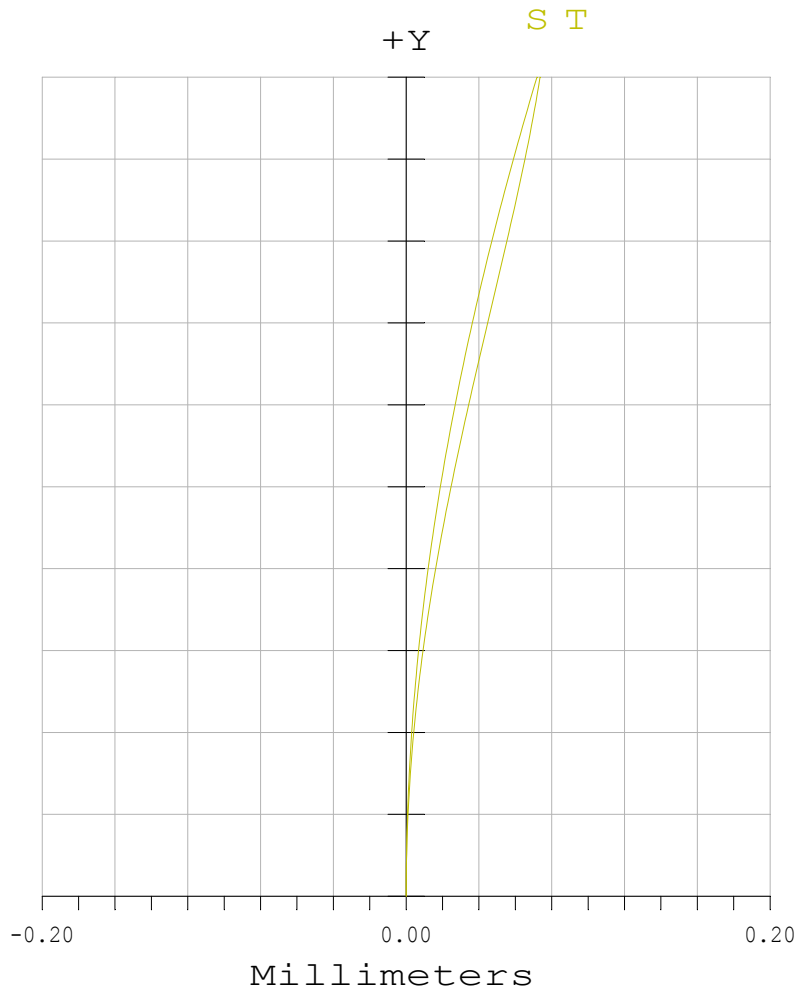
LMZ20750-IR (20-750mmF4.6) f=100mm

Maximum Field is 2.612 Degrees.

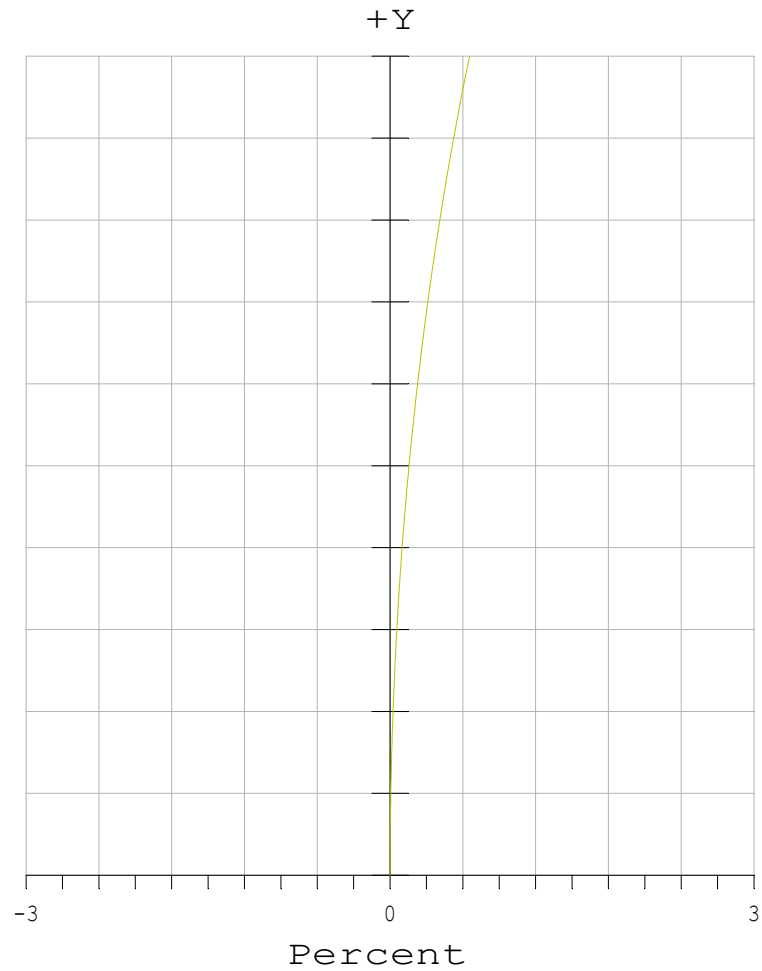
Wavelengths: 0.588

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Field Curvature



Distortion



Field units changed to field angle

Field Curvature / F-Tan(Theta) Distortion

LMZ20750-IR (20-750mmF4.6) f=300mm

Maximum Field is 0.855 Degrees.

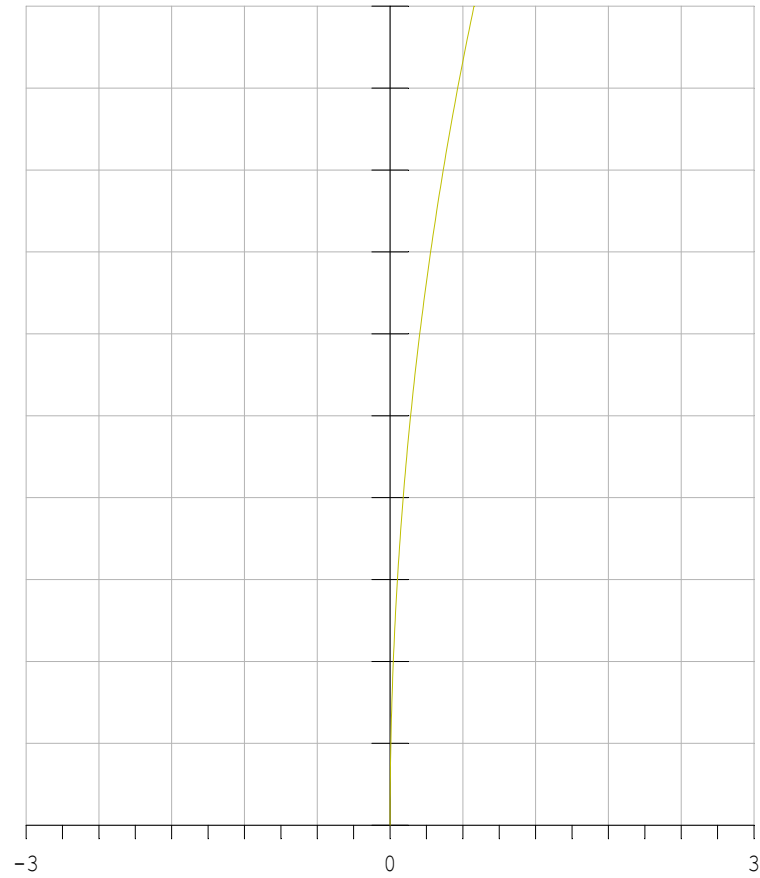
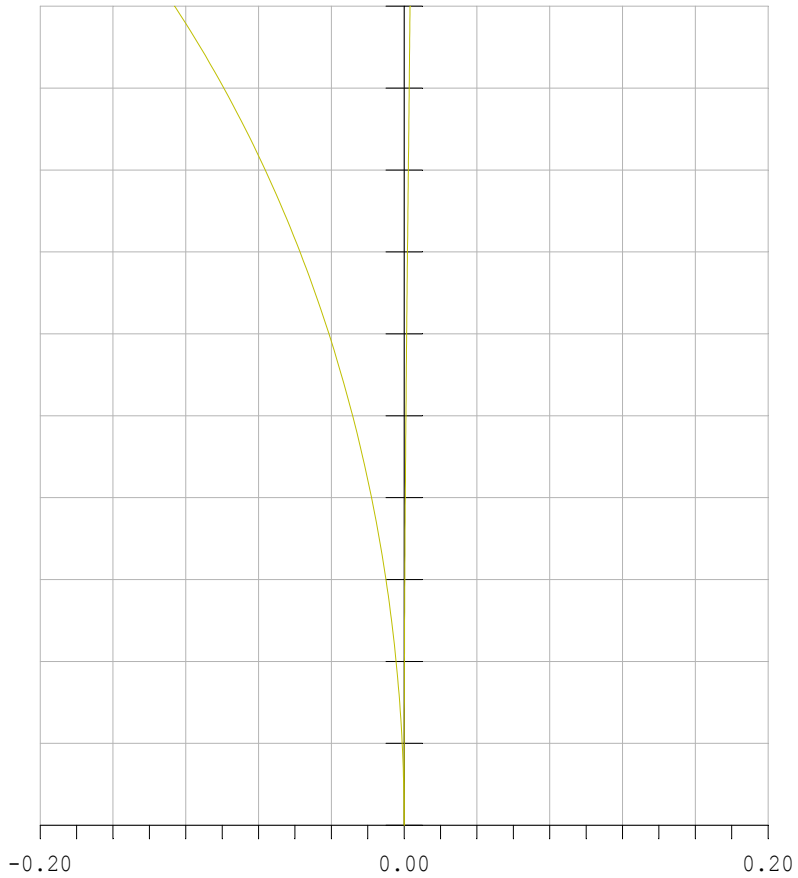
Wavelengths: 0.588

Field Curvature

Distortion

T  
S  
+Y

+Y



Millimeters

Percent

Field units changed to field angle

Field Curvature / F-Tan(Theta) Distortion

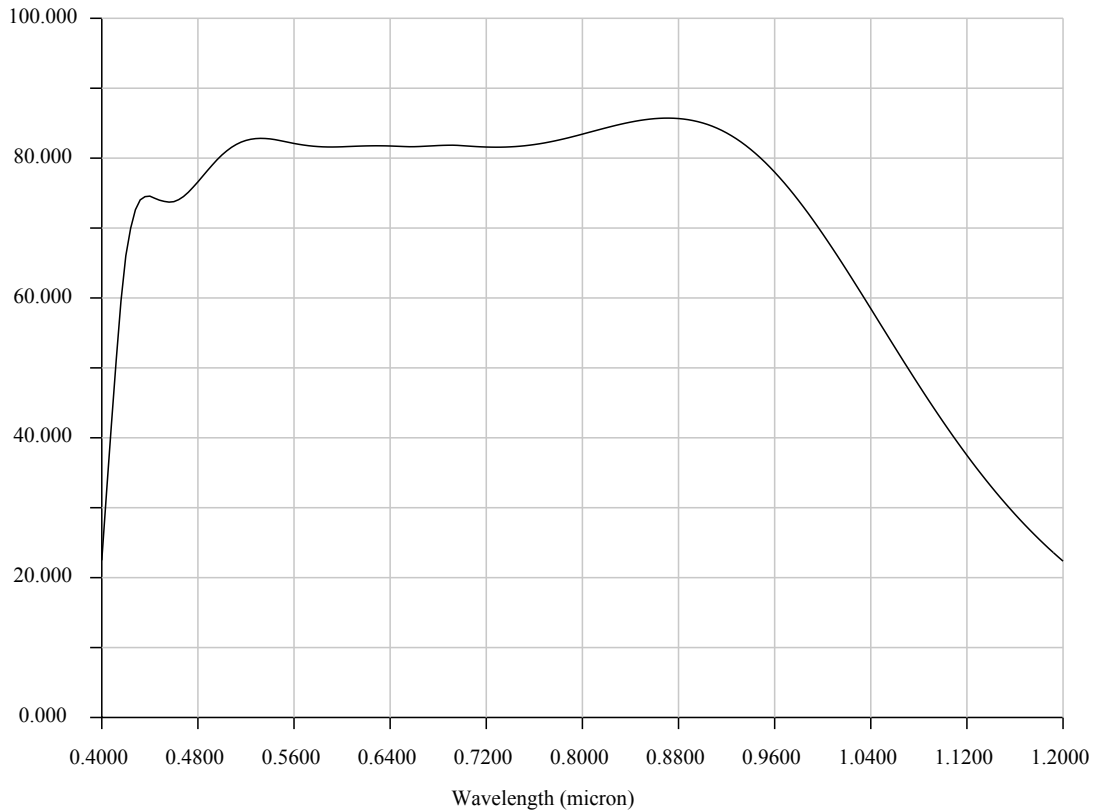
LMZ20750-IR (20-750mmF4.6) f=750mm

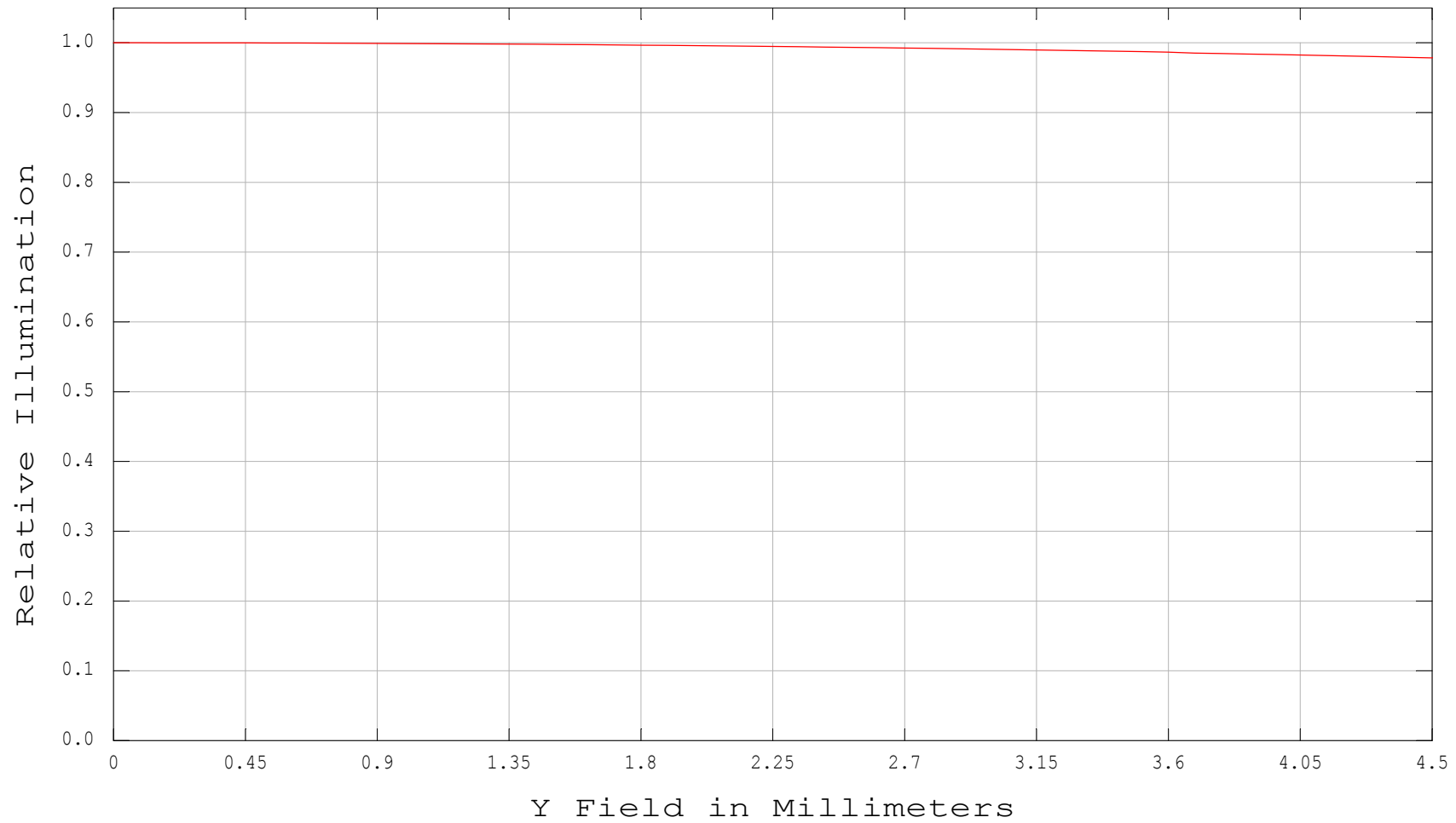
Maximum Field is 0.343 Degrees.

Wavelengths: 0.588

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Transmission (%)



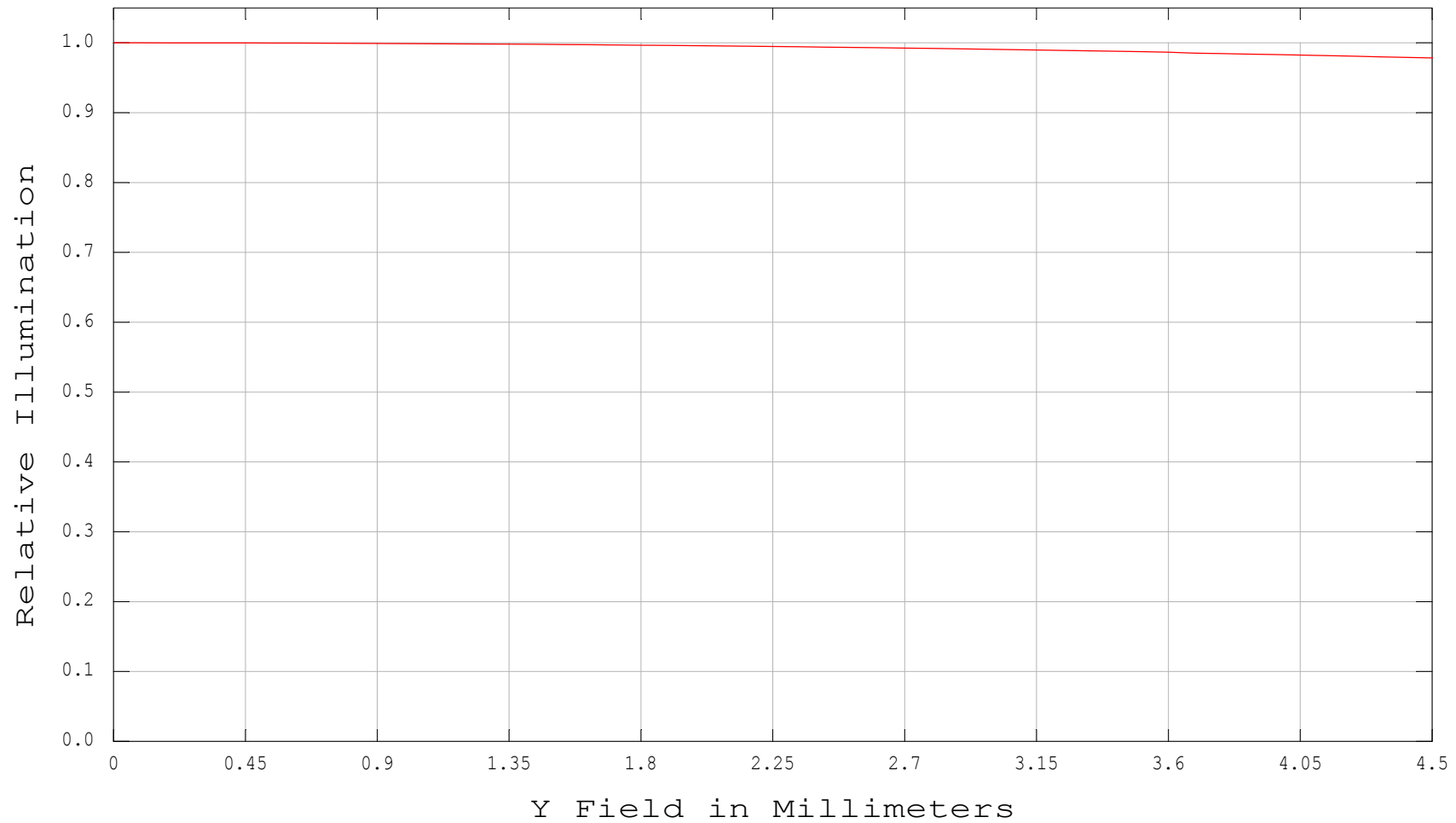


Relative Illumination

LMZ20750-IR (20-750mmF4.6) f=20mm

Wavelength: 0.587560  $\mu\text{m}$

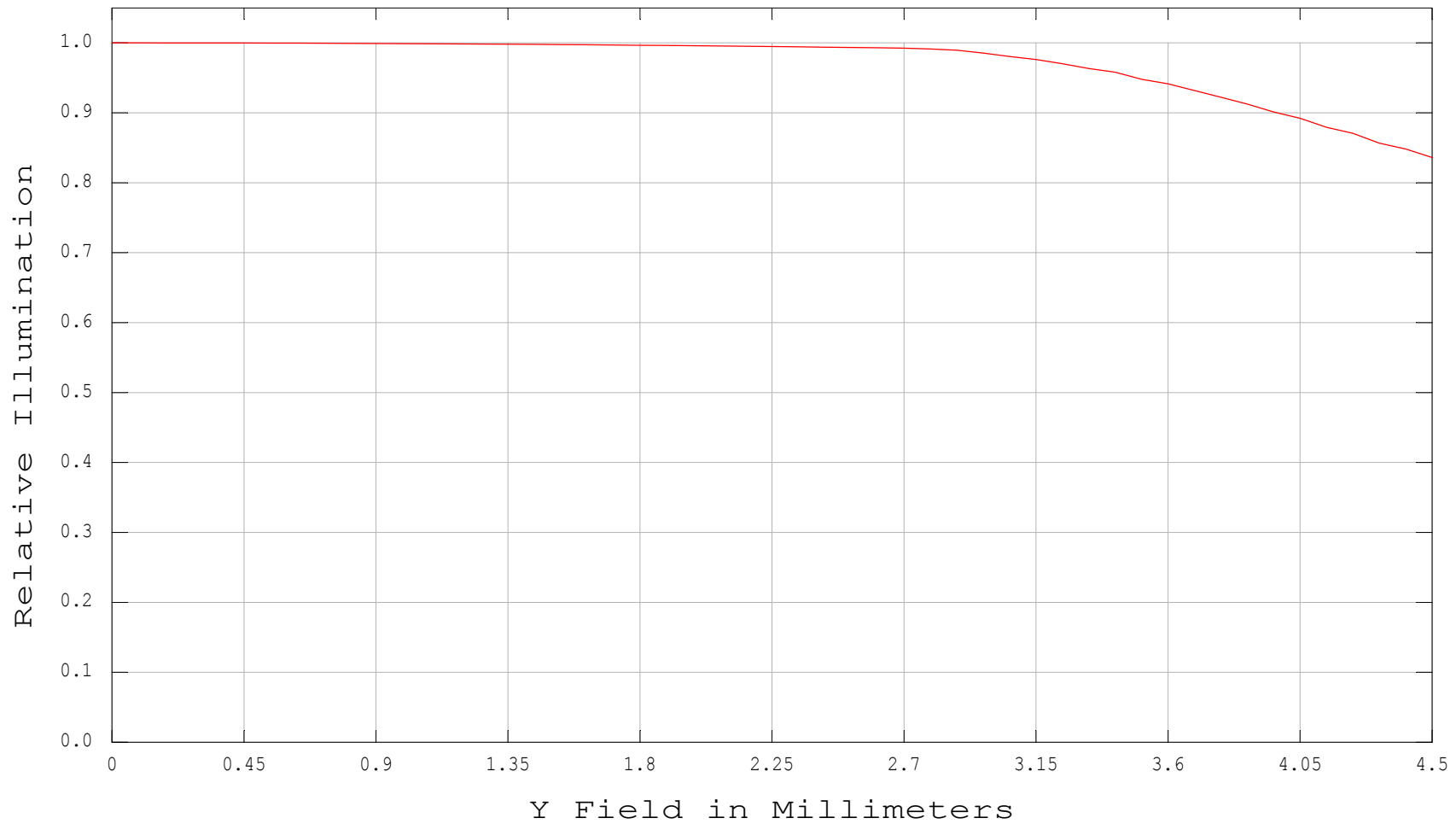




Relative Illumination

LMZ20750-IR (20-750mmF4.6) f=100mm

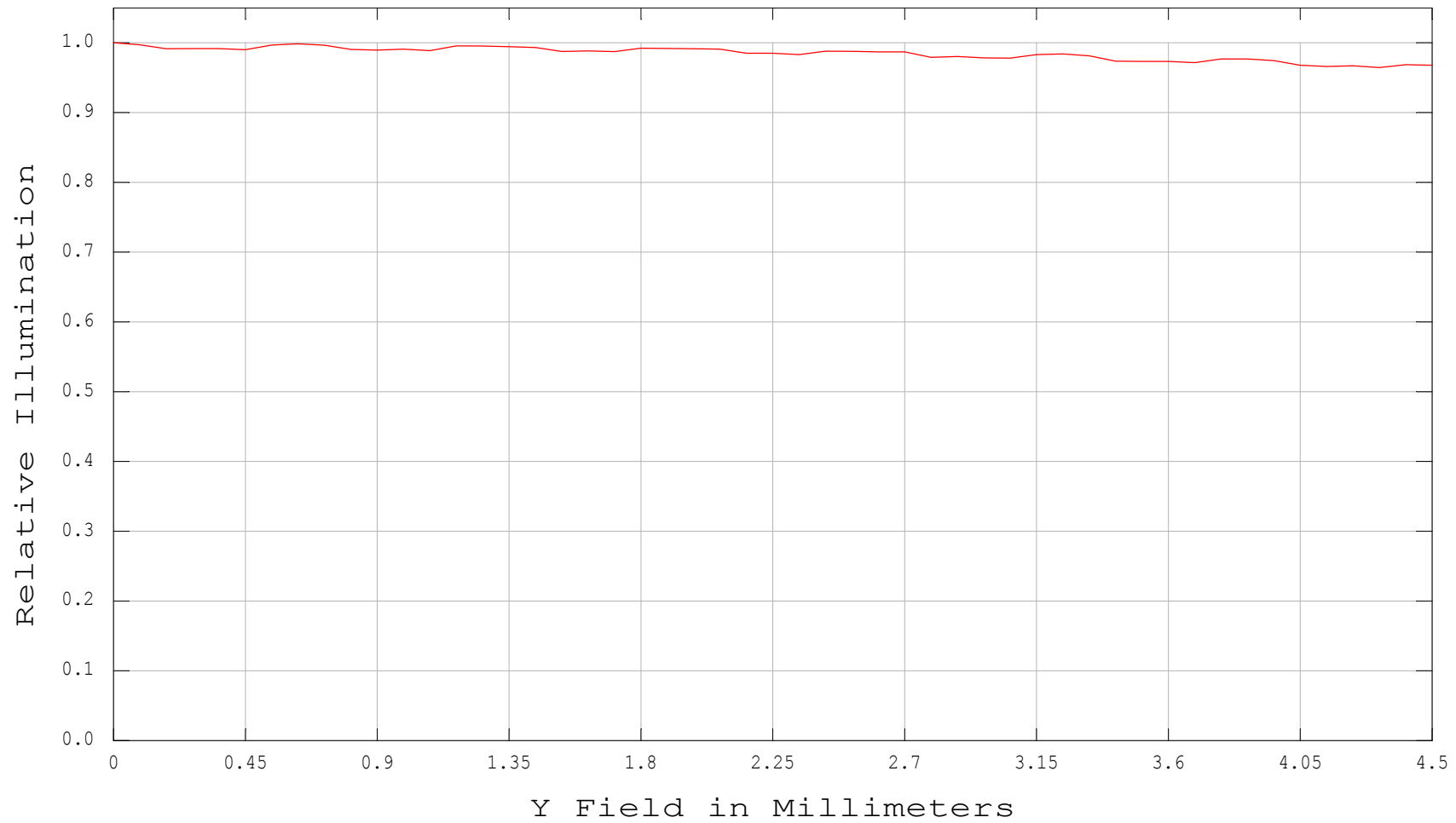
Wavelength: 0.587560  $\mu\text{m}$



Relative Illumination

LMZ20750-IR (20-750mmF4.6) f=300mm

Wavelength: 0.587560  $\mu\text{m}$



Relative Illumination

LMZ20750-IR (20-750mmF4.6) f=750mm

Wavelength: 0.587560  $\mu\text{m}$