

1" 1.4/25mm C		1"	2/3"	1/1.8"
FOCAL LENGTH		f=25mm		
MAX. DIAMETER (RATIO)		F=1:1.4~16		
PICTURE SIZE		9.6x12.8mm	6.6x8.8mm	5.4x7.2mm
ANGLE	VER. ANGLE	22.0°	15.1°	12.4°
	HOR. ANGLE	29.3°	20.2°	16.5°
	DIA. ANGLE	36.6°	25.2°	20.6°
DISTORTION (TV)		-1.0%		
SHOOTING RANGE AT MINIMUM FOCUS DISTANCE	VER.	119.2mm	81.4mm	66.5mm
	HOR.	160.7mm	109.1mm	88.9mm
	DIA.	204.3mm	137.4mm	111.7mm
MINIMUM FOCUS DISTANCE		0.3m		
FLANGE BACK		17.526mm in air		
BACK FOCUS		16.5mm in air		
FILTER SCREW SIZE		M35.5x0.5		
FRONT/REAR EFFECTIVE DIA.		FRONT ϕ 21.0mm		REAR ϕ 19.4mm
MOUNT		C-MOUNT		
EXIT PUPIL		-57.9mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 120lp/mm		CORNER 80lp/mm
WEIGHT		135 g		

NOTE: Specifications and availability are subject to change without notice
 注) 本仕様については、予告なしに変更する場合があります。

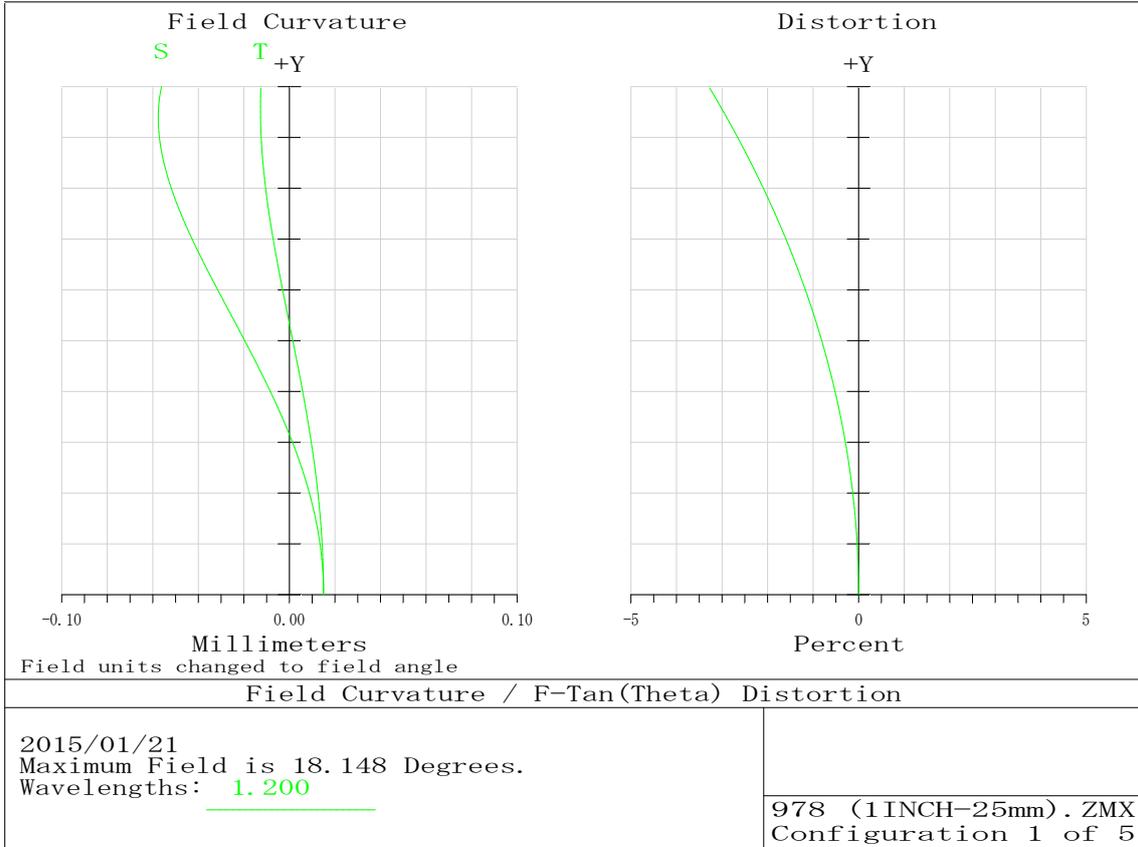


		尺度	1/1	工場番号	HR978SW
		機種名	1" F1.4 f=25mm		
2015.7.30	正面図追加	機種番	LM25HC-SW		
2014.12.25	更新				
2013.4.15	作成年月日				

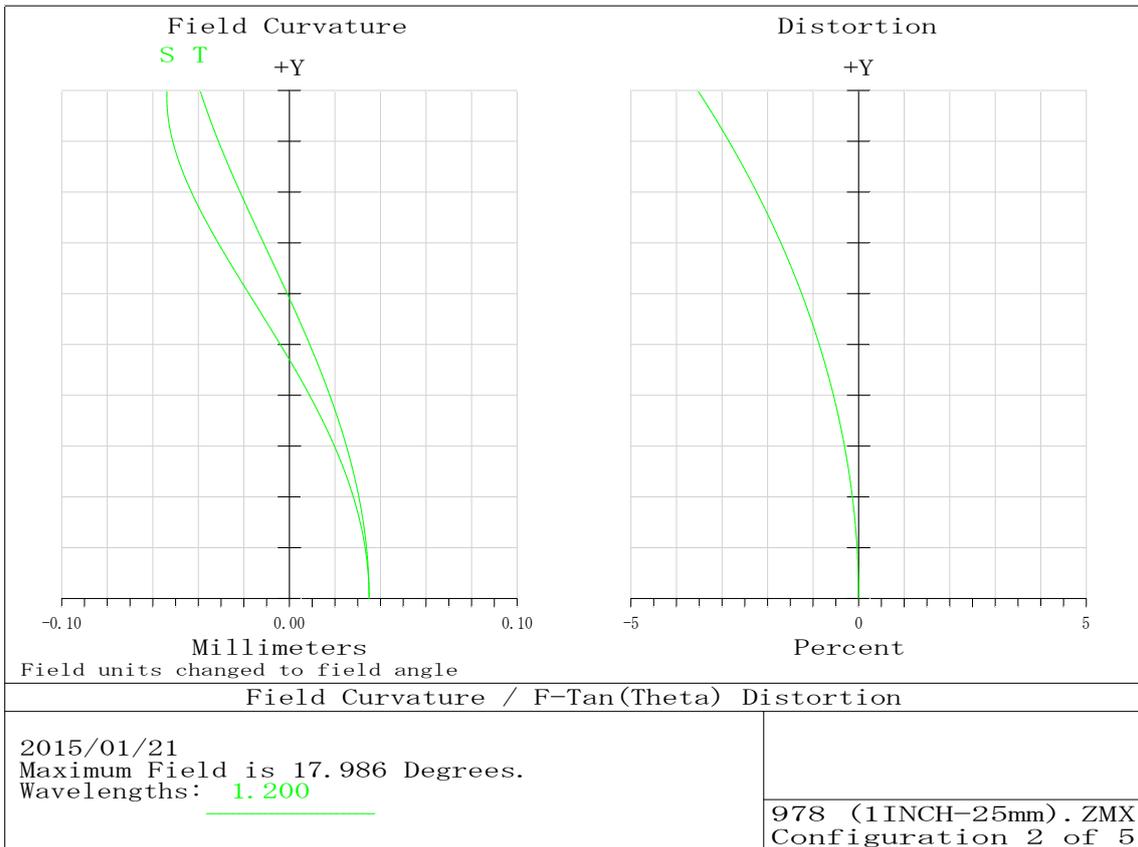


LM25HC-SW

Distortion (Object ∞)

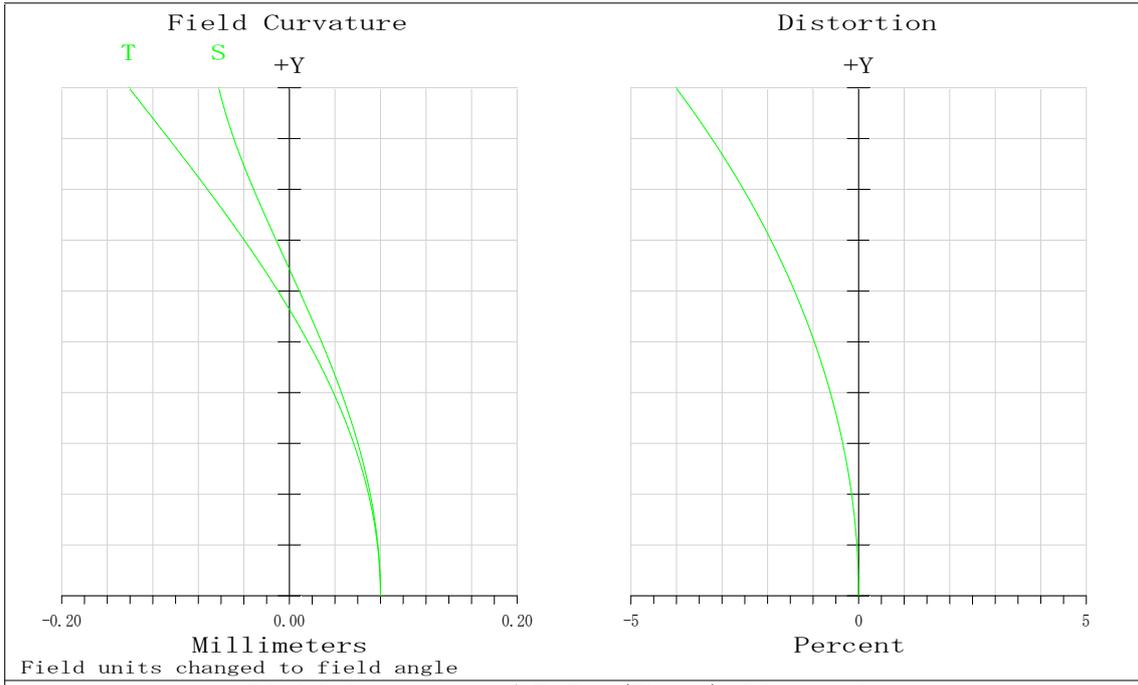


Distortion (Object 1.0m)





Distortion (Object 0.3m)



Field units changed to field angle

Field Curvature / F-Tan(Theta) Distortion

2015/01/21
Maximum Field is 17.588 Degrees.
Wavelengths: 1.200

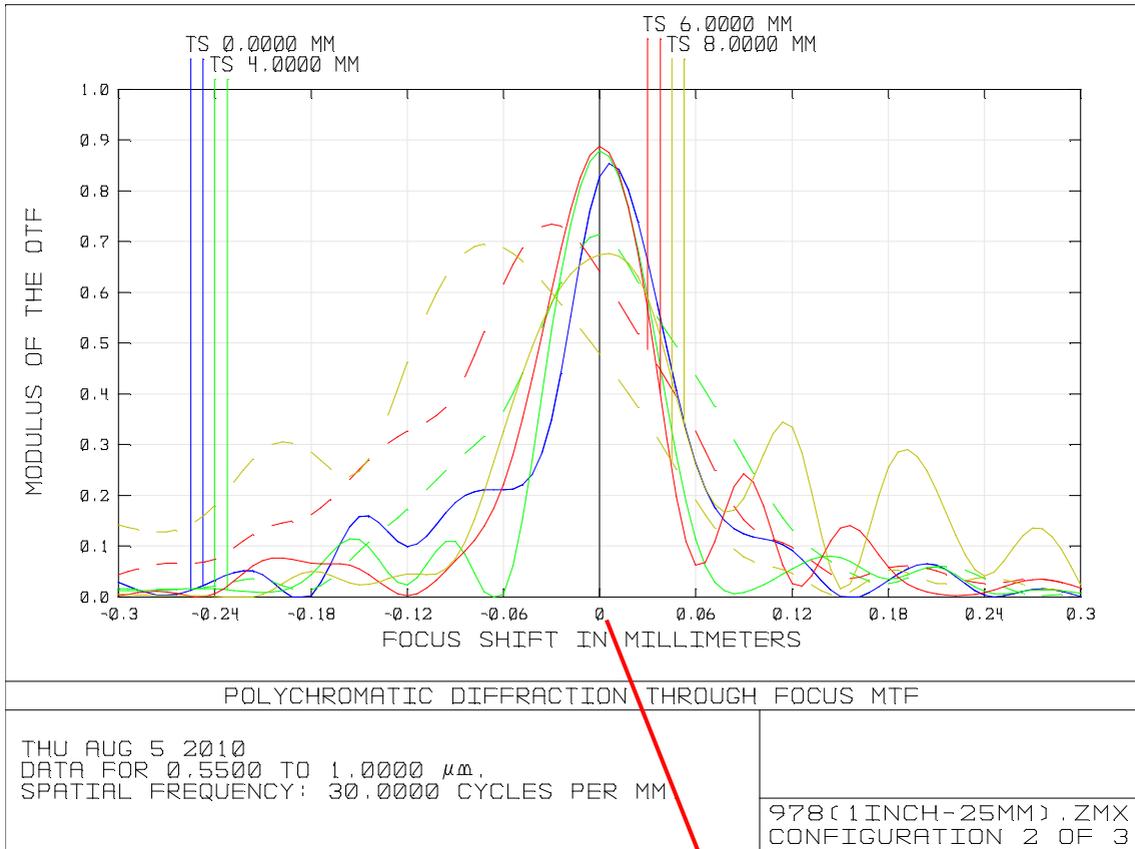
978 (1INCH-25mm).ZMX
Configuration 3 of 5



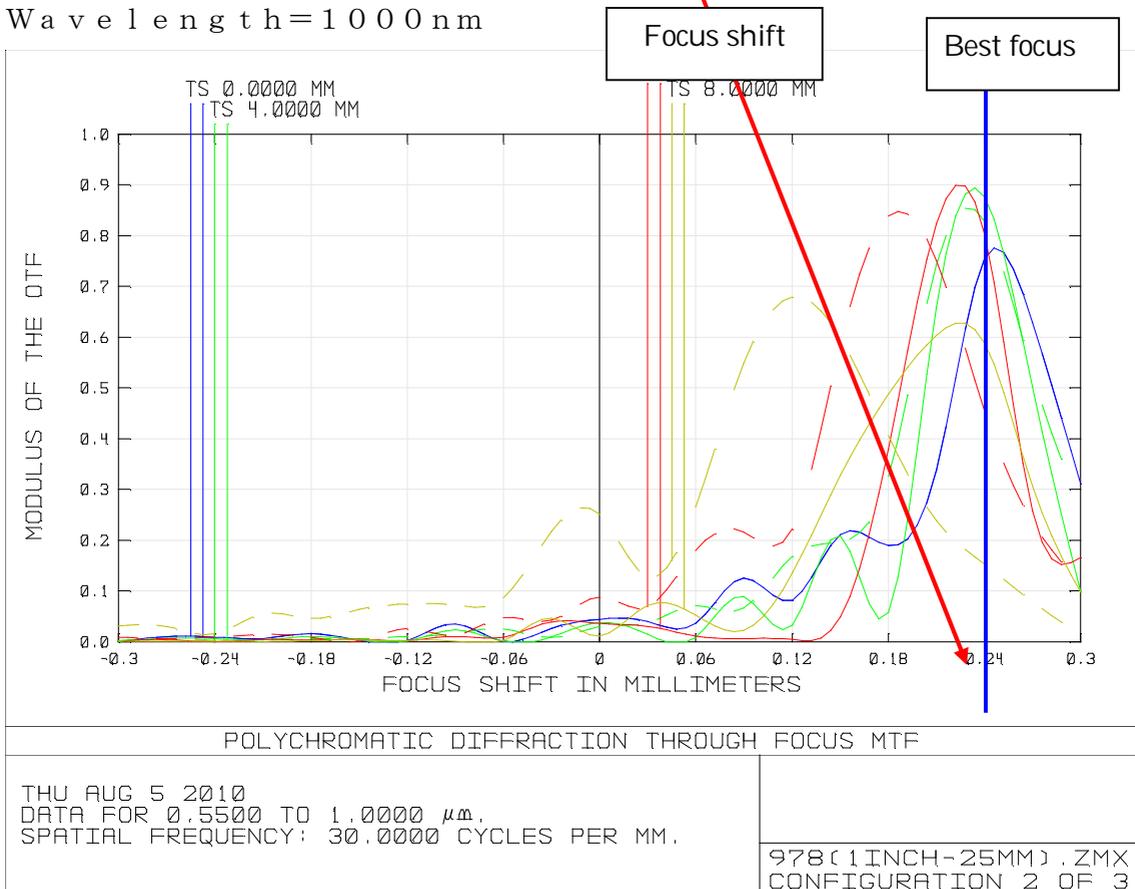
LM25HC-SW

W. D. = 400mm

Wavelength = 550nm



Wavelength = 1000nm



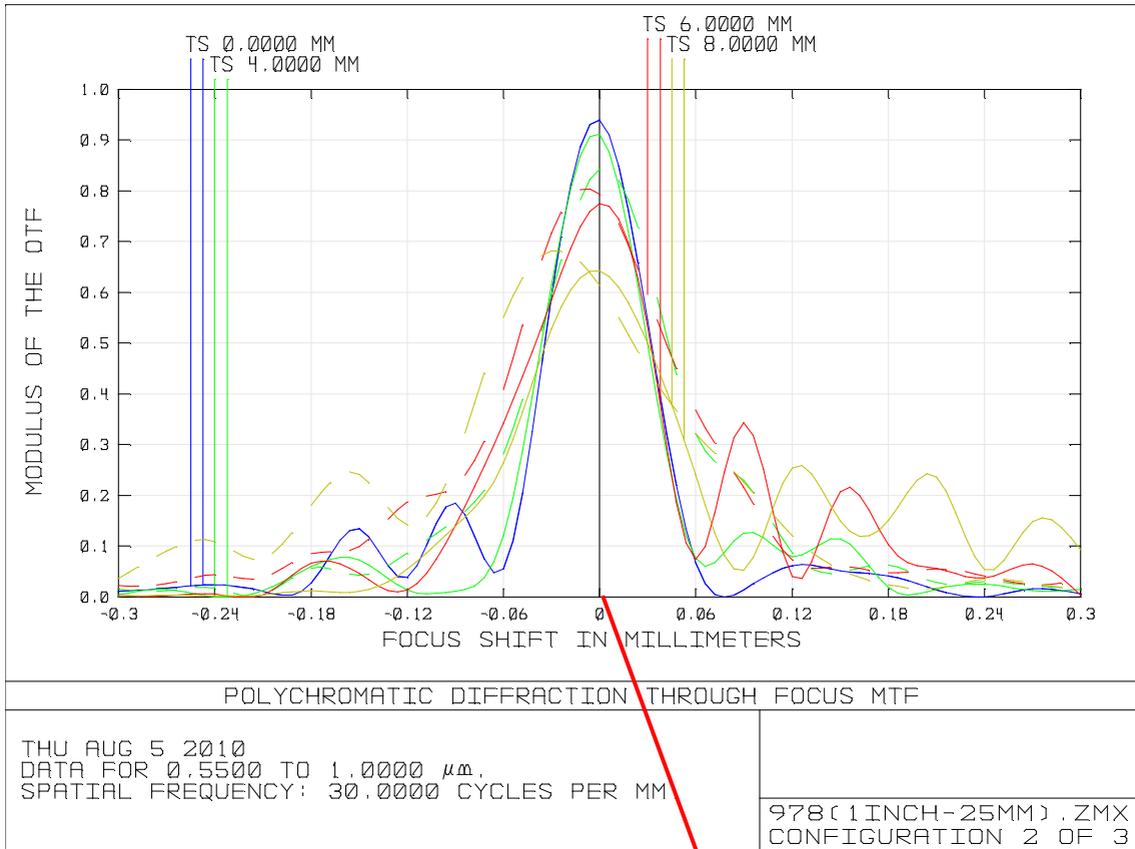
Focus shift : 0.24mm



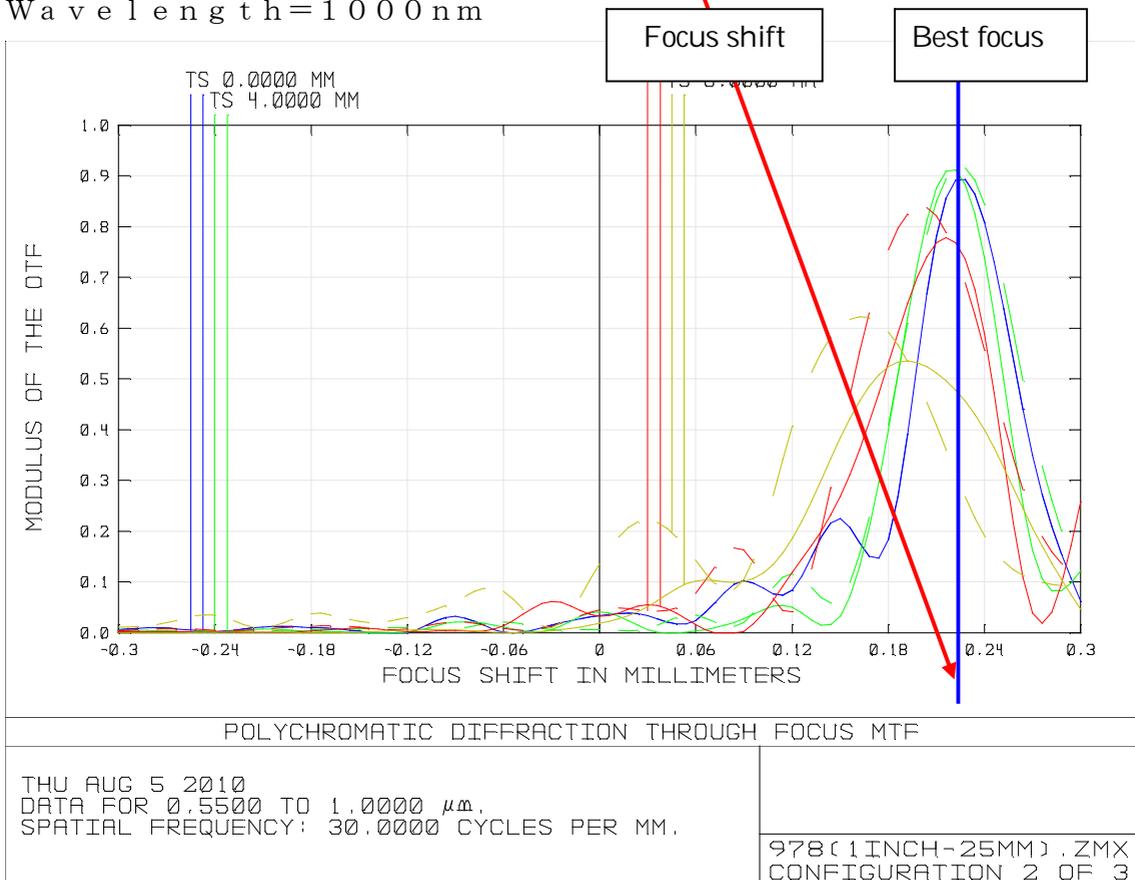
LM25HC-SW

W. D. = 800mm

Wavelength = 550nm



Wavelength = 1000nm

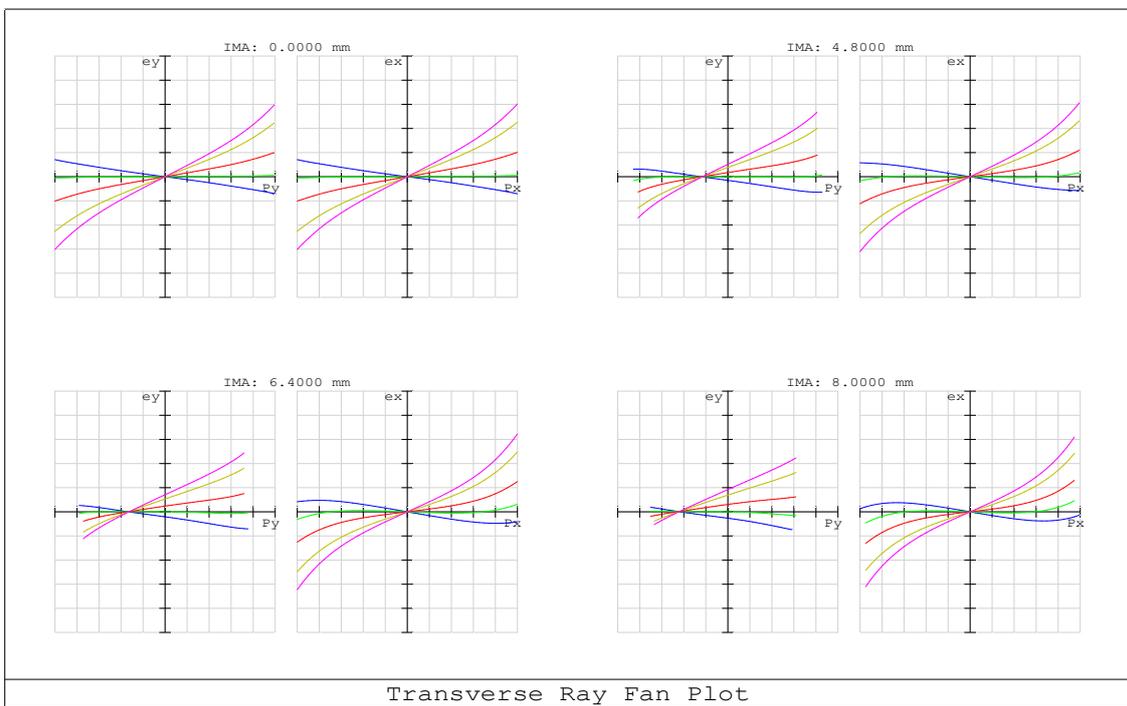
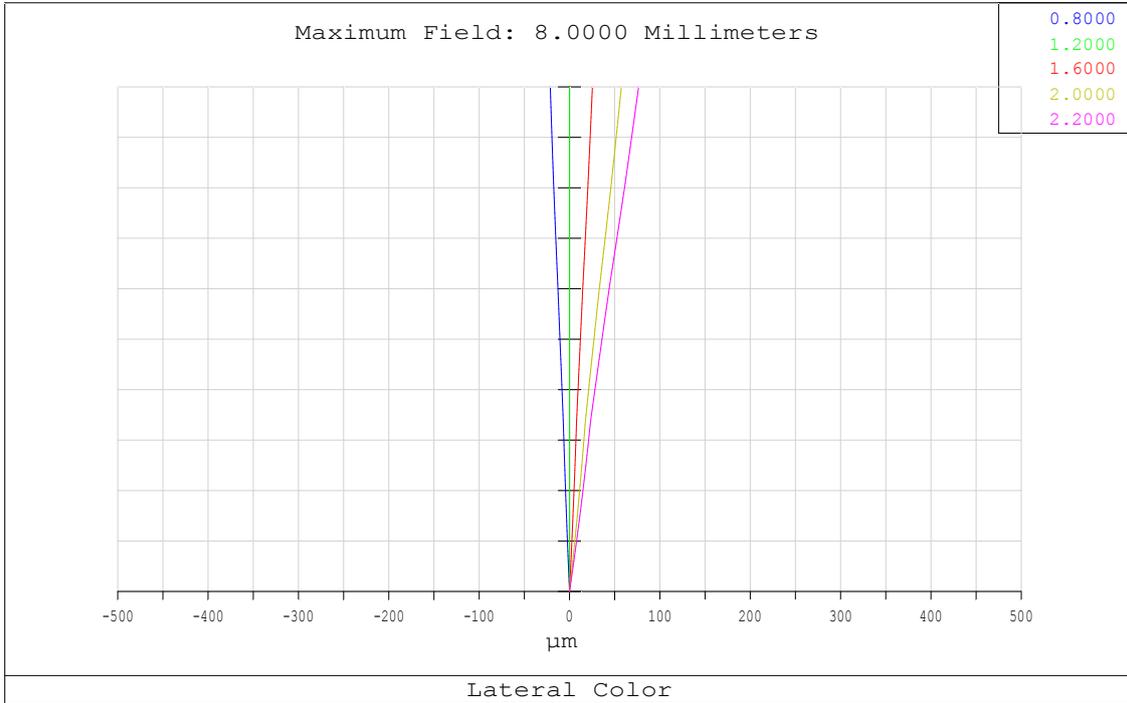


Focus shift : 0.22mm



LM25HC SW

Lateral Color Aberration

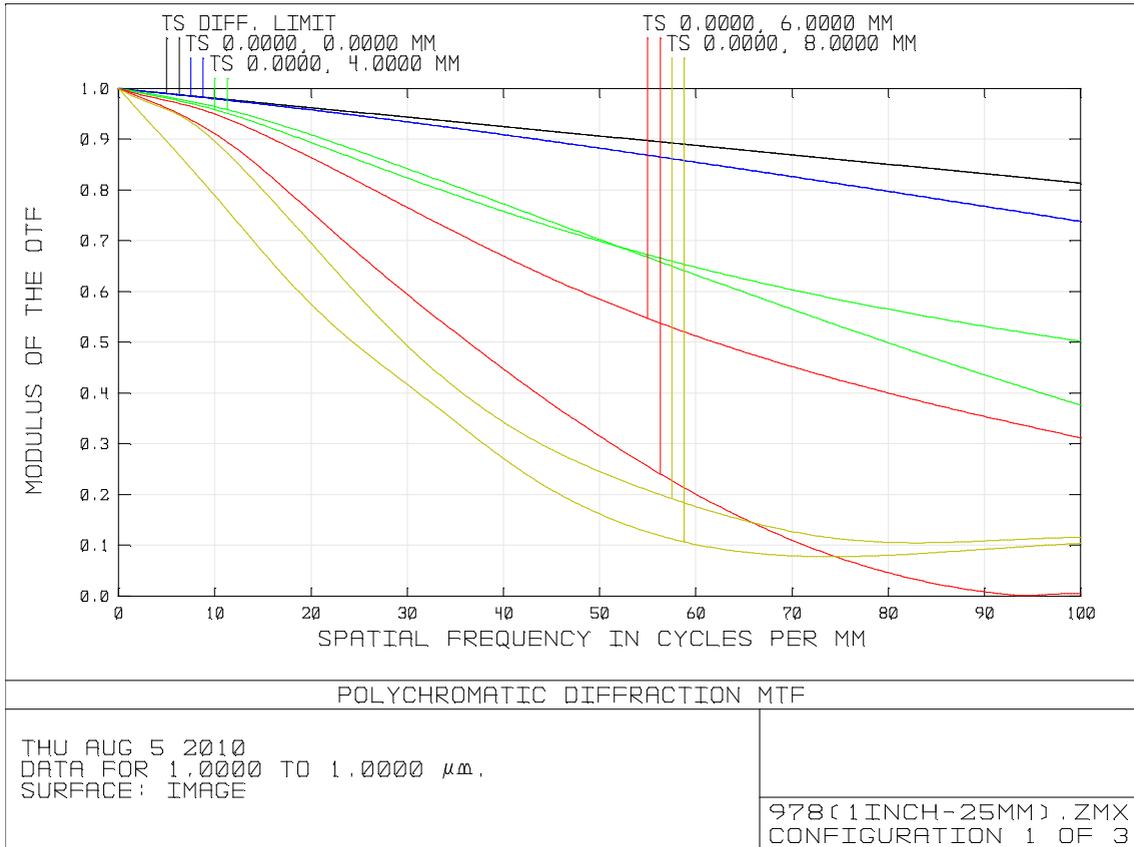


Maximum Scale: $\pm 500 \mu\text{m}$

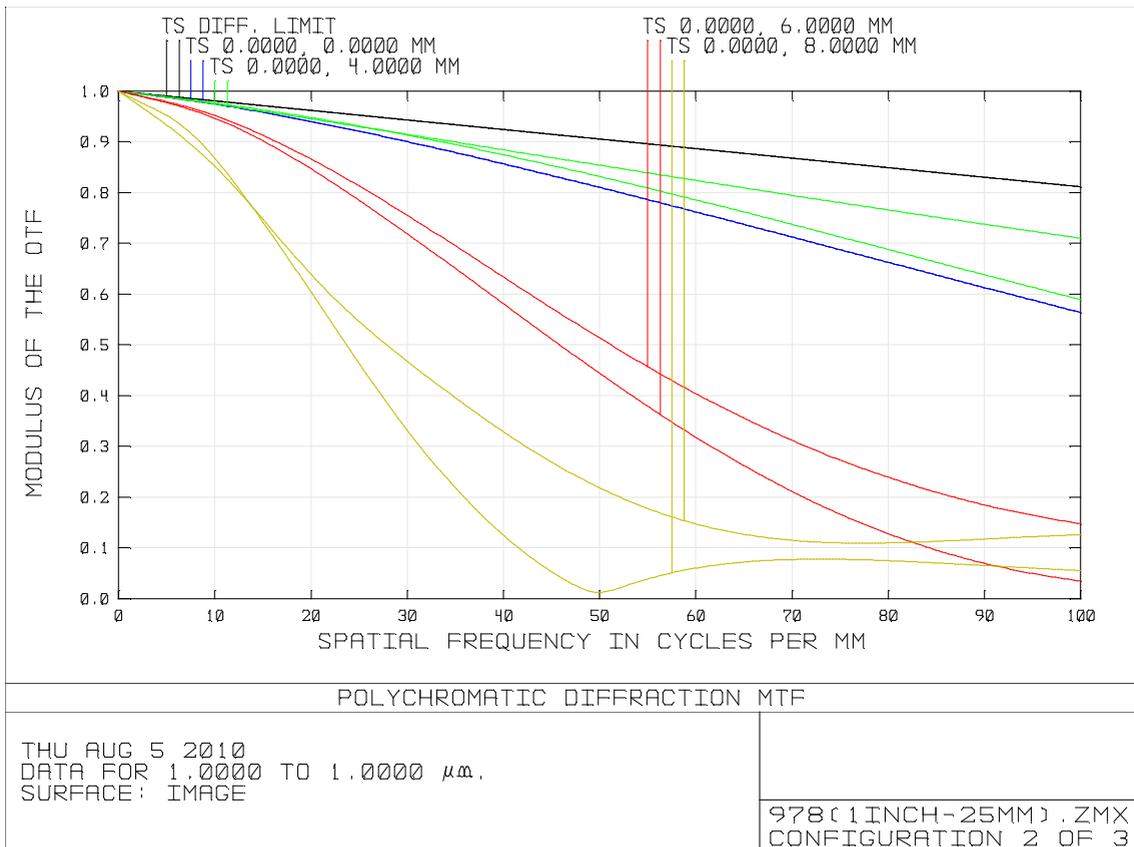


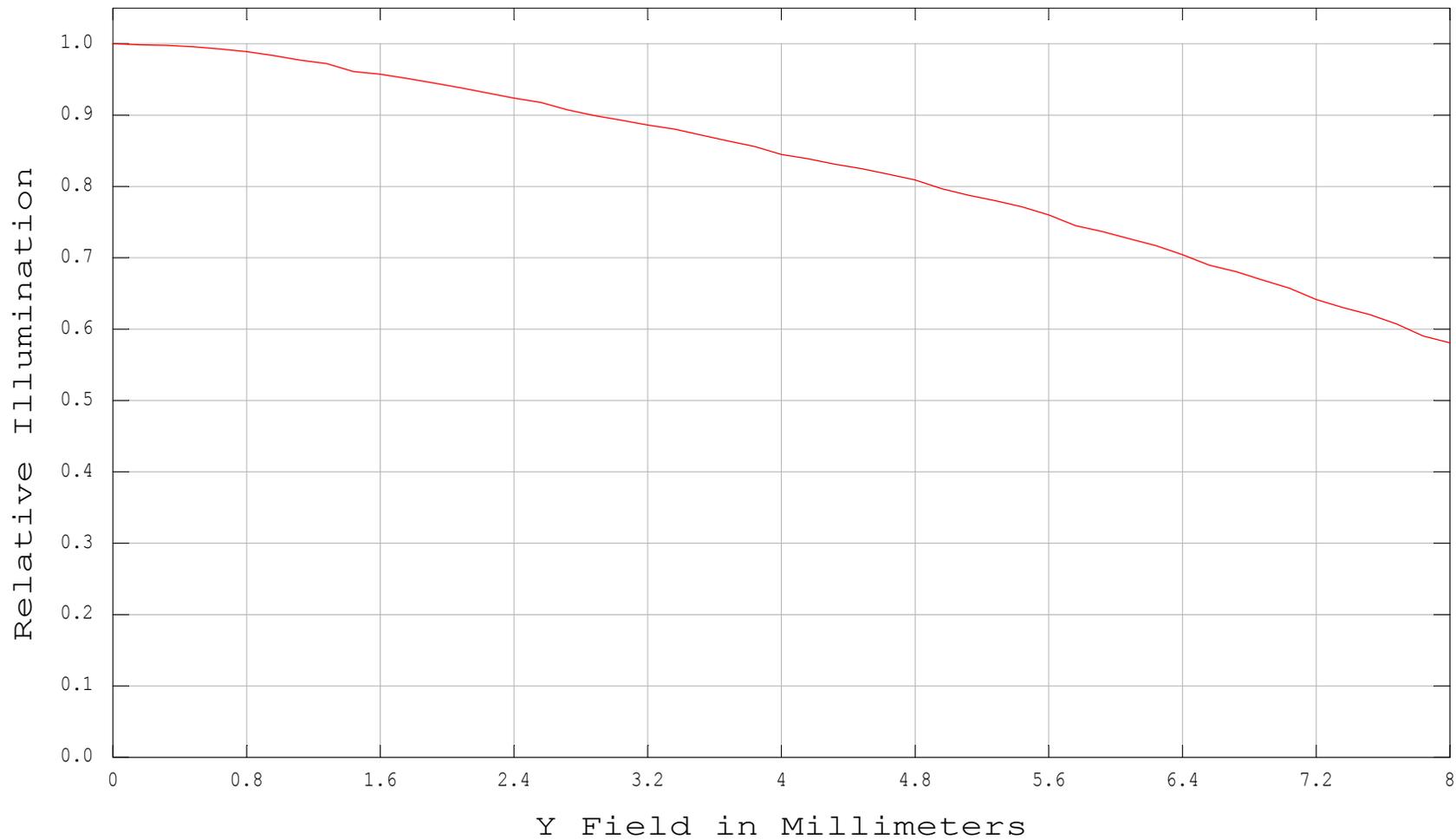
LM25HC-SW

1000nm F1.4 Object:∞



1000nm F1.4 Object:1m





Relative Illumination

LM25HC-SW (25mmF1.4) WD=INF

Wavelength: 1.200000 μm





LM25HC-SW Transmission

