

1" 1.4/50mm C		1"	2/3"	1/1.8"
FOCAL LENGTH		f=50mm		
MAX. DIAMETER (RATIO)		F=1:1.4~16		
PICTURE SIZE		9.6x12.8mm	6.6x8.8mm	5.4x7.2mm
ANGLE	VER. ANGLE	10.8°	7.5°	6.2°
	HOR. ANGLE	14.5°	10.0°	8.2°
	DIA. ANGLE	18.0°	12.5°	10.2°
DISTORTION (TV)		0.05%		
SHOOTING RANGE AT MINIMUM FOCUS DISTANCE	VER.	91.3mm	62.9mm	51.4mm
	HOR.	121.8mm	83.8mm	68.6mm
	DIA.	152.9mm	104.8mm	85.7mm
MINIMUM FOCUS DISTANCE		0.5m		
FLANGE BACK		17.526mm in air		
BACK FOCUS		14.8mm in air		
FILTER SCREW SIZE		M40.5x0.5		
FRONT/REAR EFFECTIVE DIA.		FRONT φ35.0mm		REAR φ15.5mm
MOUNT		C-MOUNT		
EXIT PUPIL		-44.4mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 120lp/mm		CORNER 80lp/mm
WEIGHT		210 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。

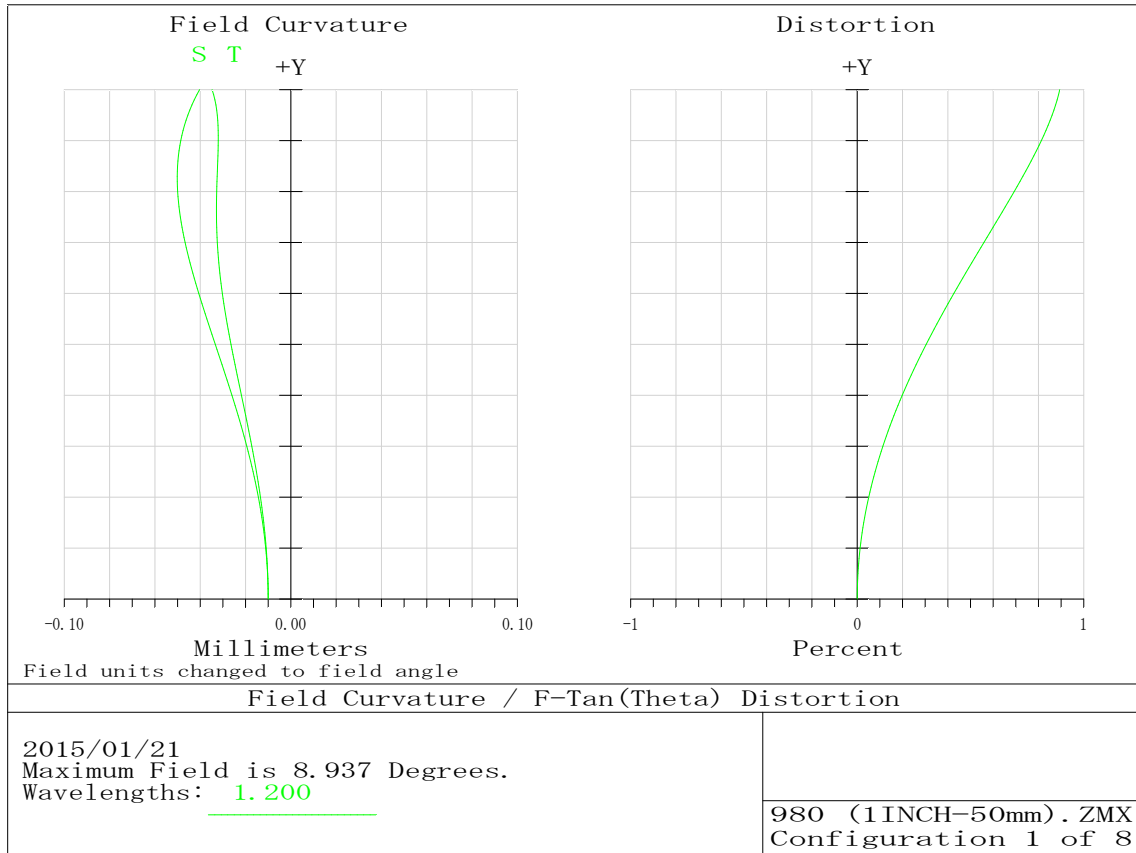


		尺度	1/1	工場番号	HR980SW
		機種名	1" F1.4 f=50mm		
2015.7.30	正面図追加	機種番	LM50HC-SW		
2014.12.25	更新				
2013.4.15	作成年月日				

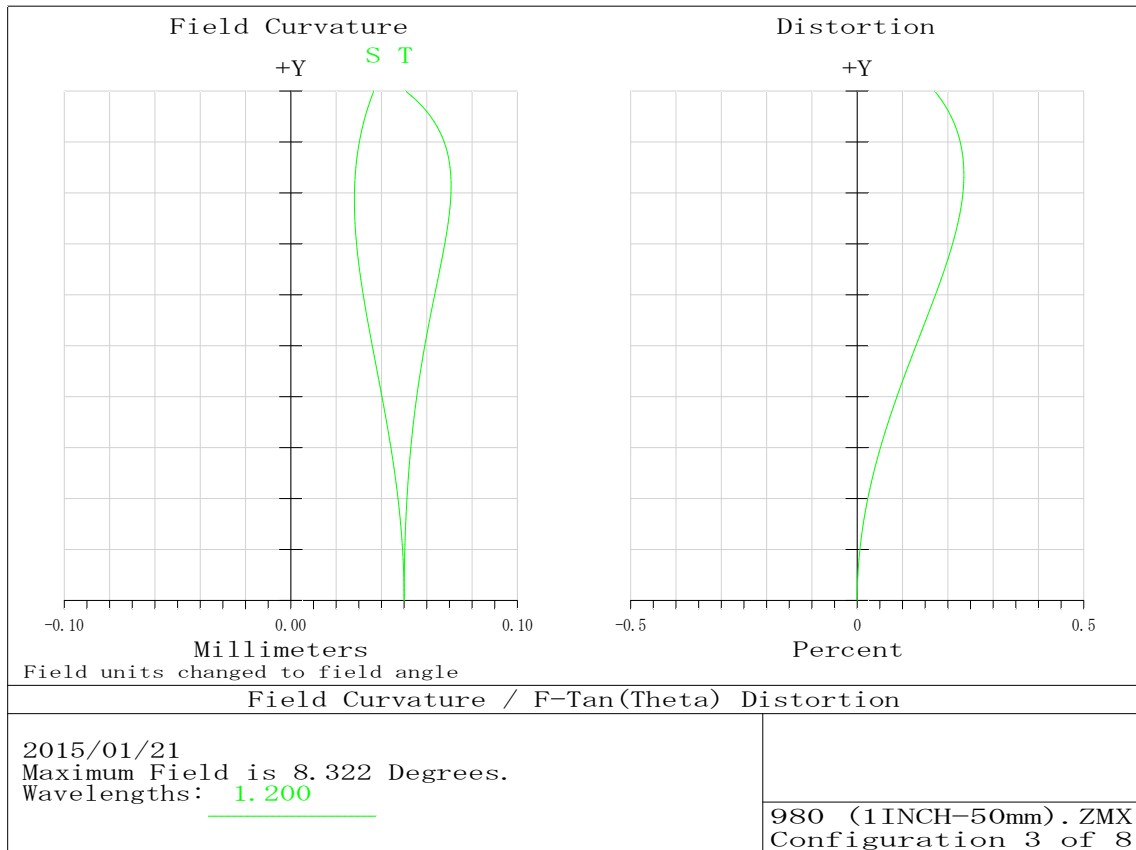


LM50HC-SW

Distortion (Object ∞)

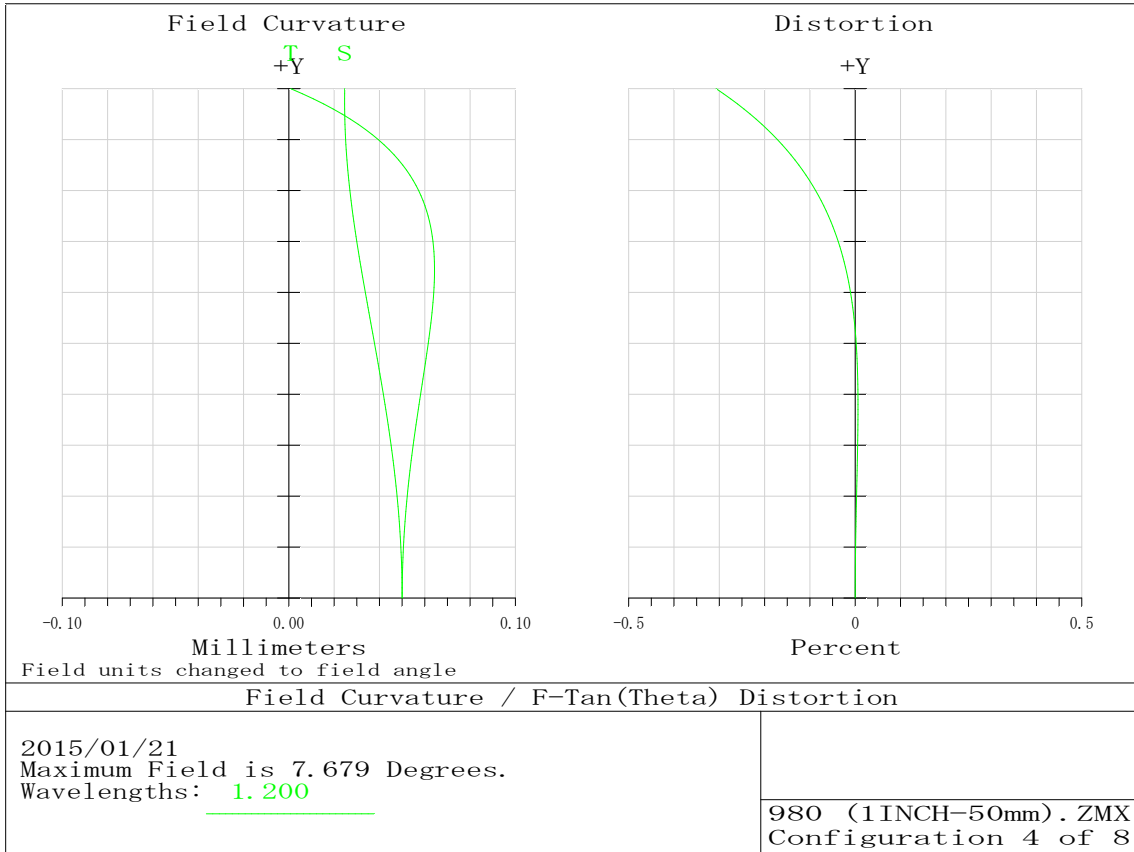


Distortion (Object 1.0m)





Distortion (Object 0.5m)

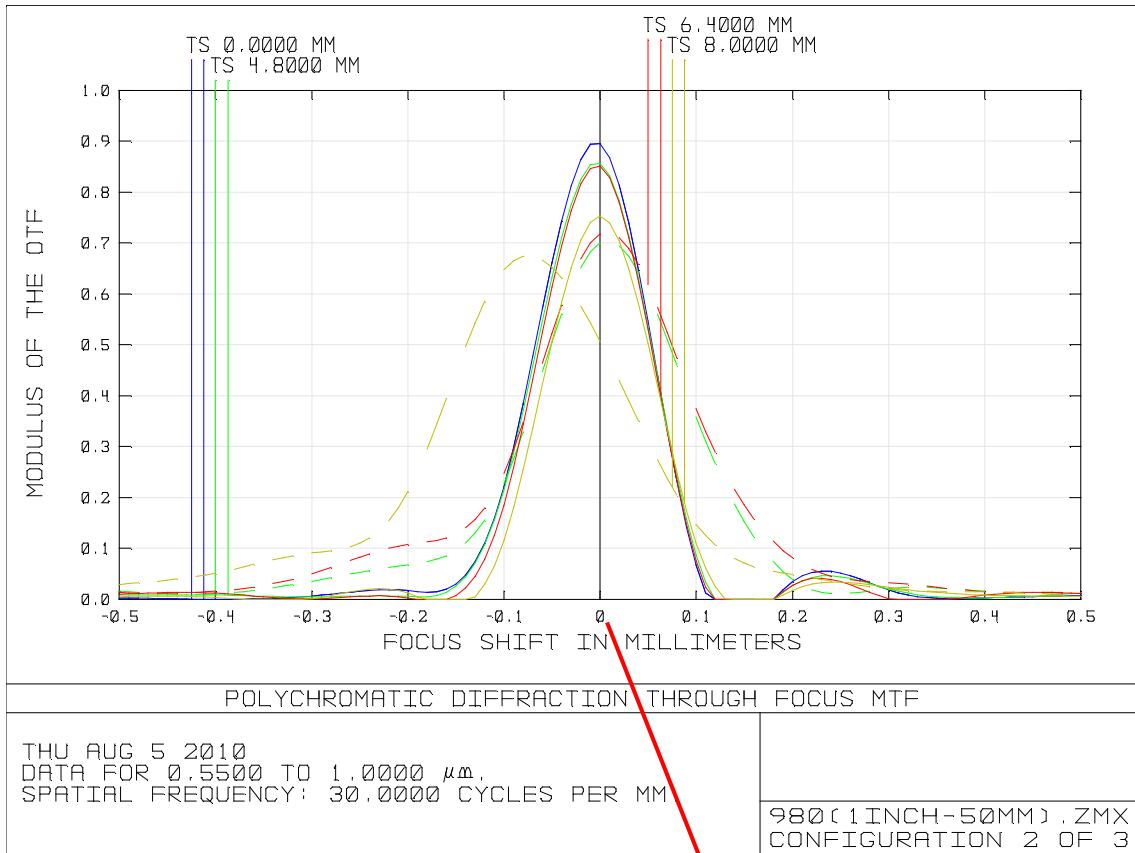




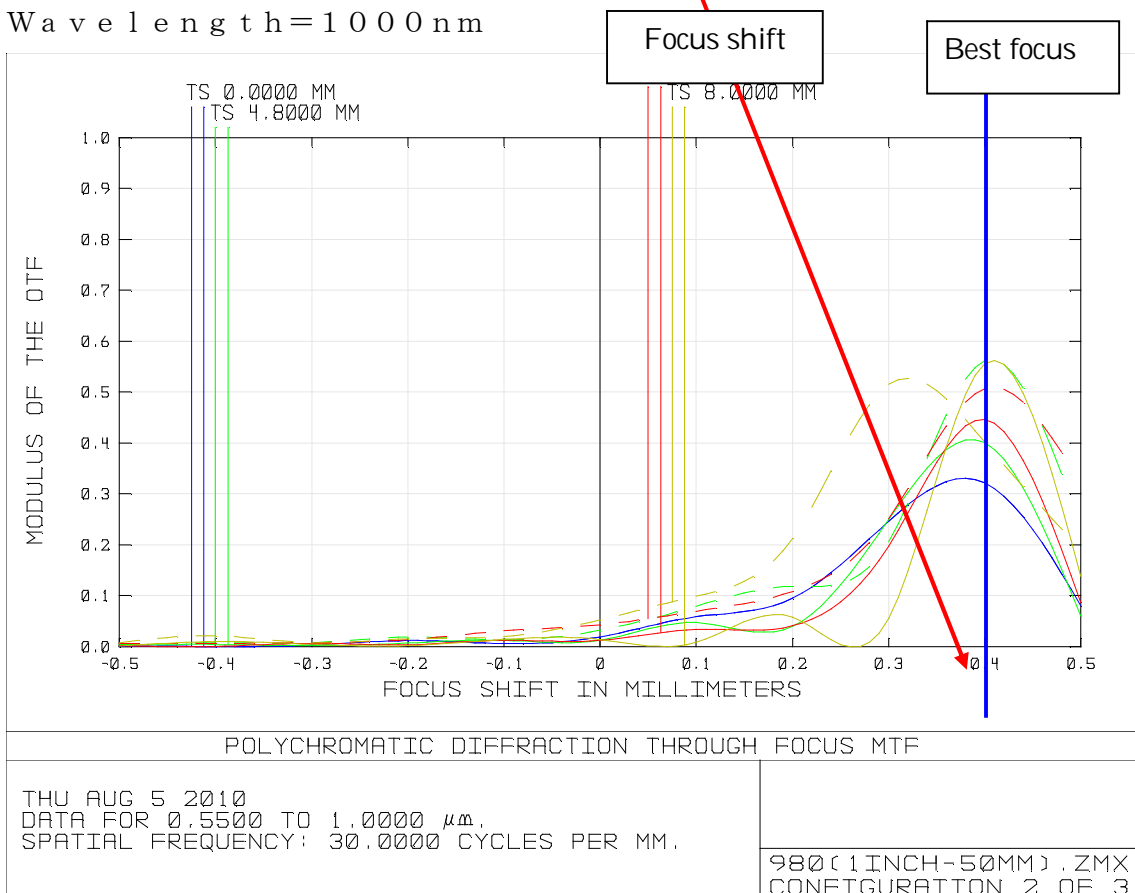
LM50HC-SW

W. D. = 800mm

Wavelength = 550nm



Wavelength = 1000nm

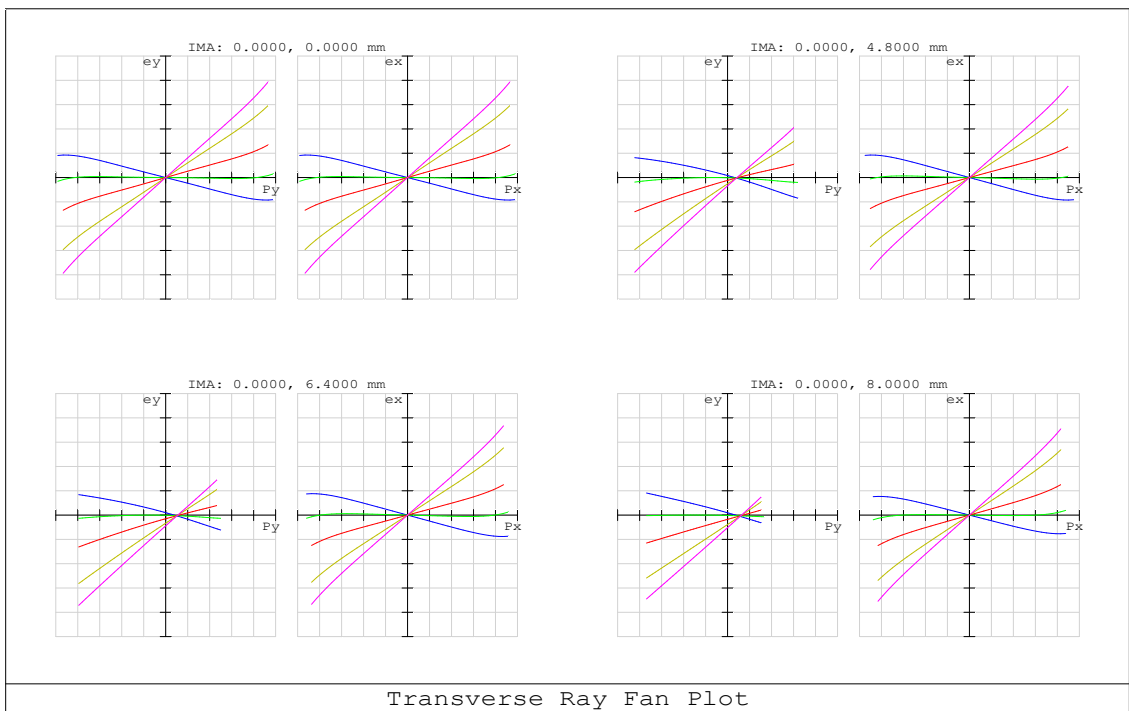
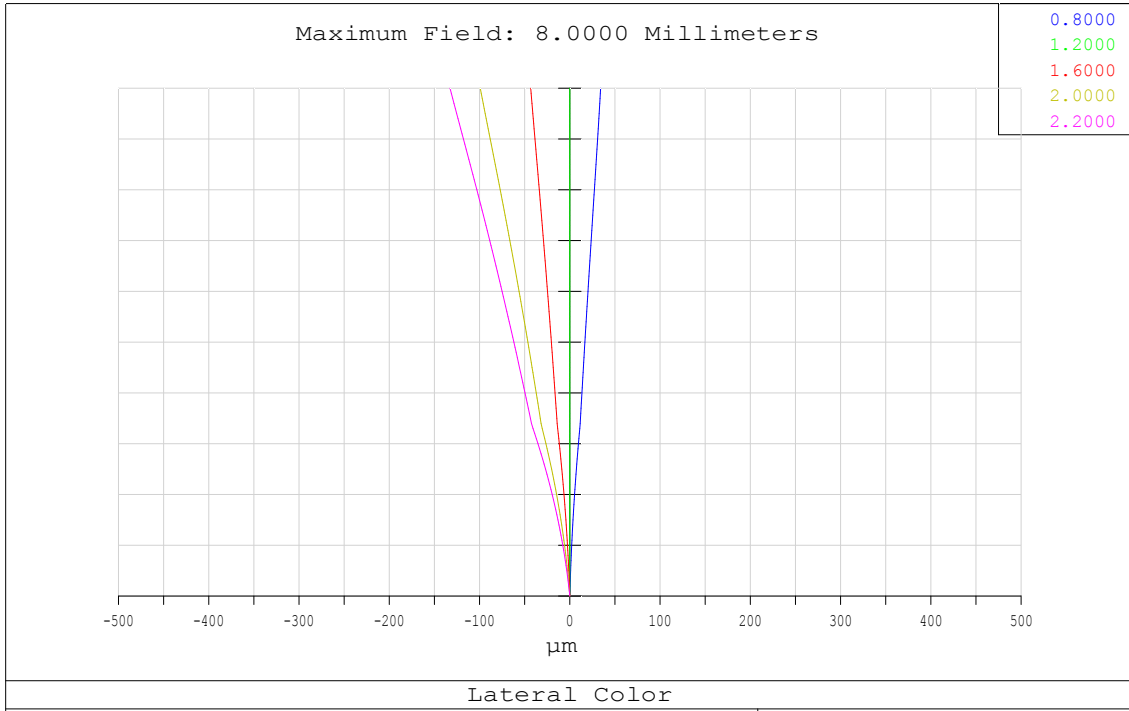


Focus shift : 0.4mm



LM50HC SW

Lateral Color Aberration



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

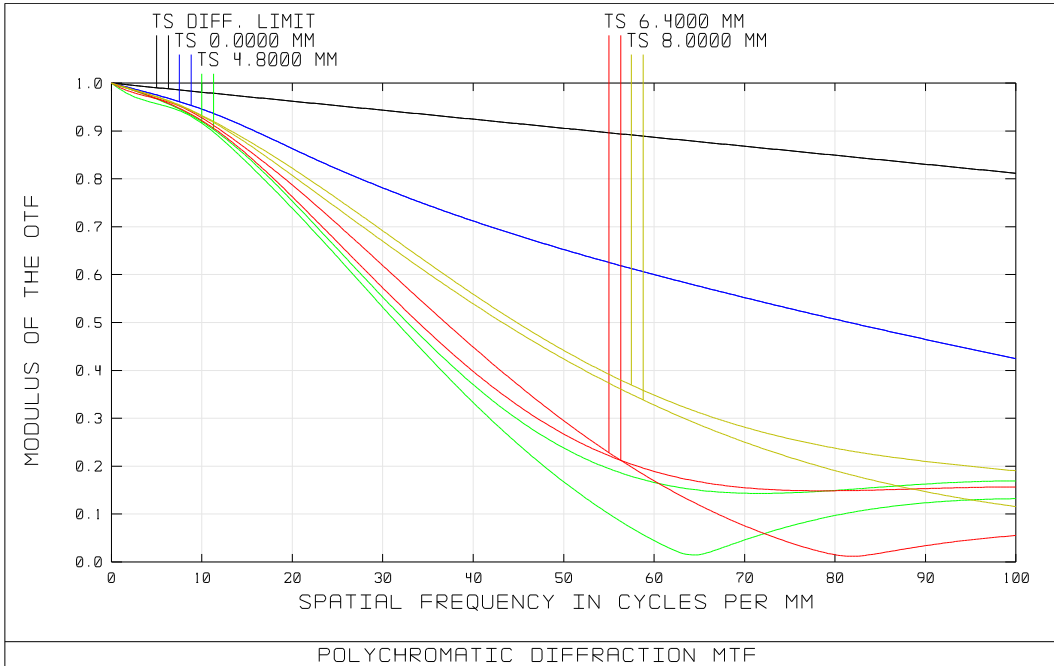


LM50HC-SW

Working distance: Infinity

F-Stop: F1.4

Wave length: 1000nm



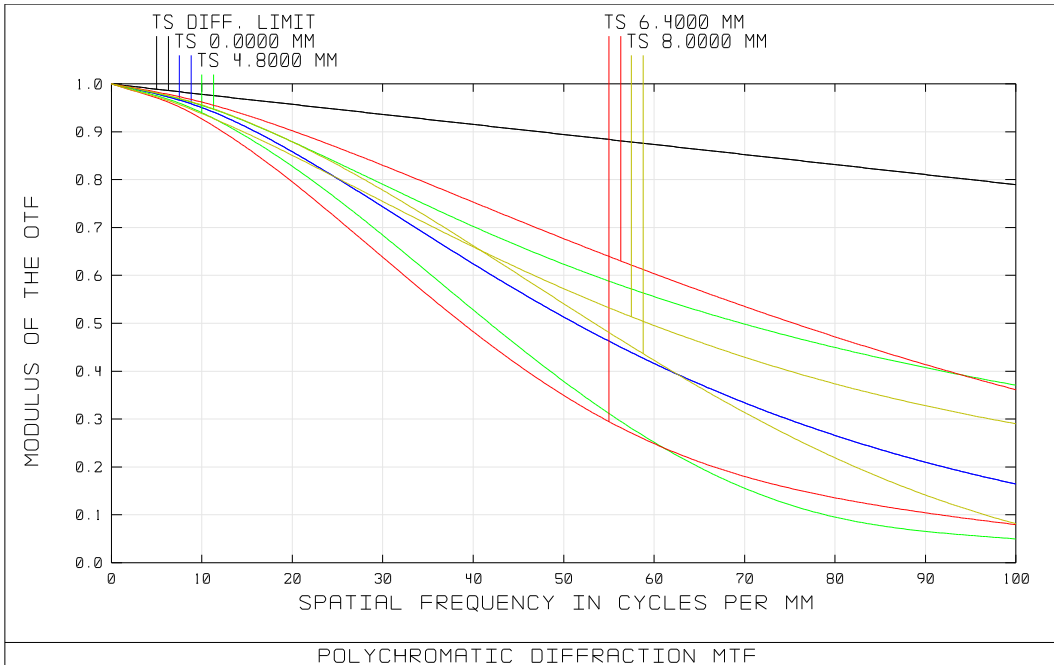
THU AUG 5 2010
DATA FOR 1.0000 TO 1.0000 μm .
SURFACE: IMAGE

980(1INCH-50MM).ZMX
CONFIGURATION 1 OF 3

Working distance: 1m

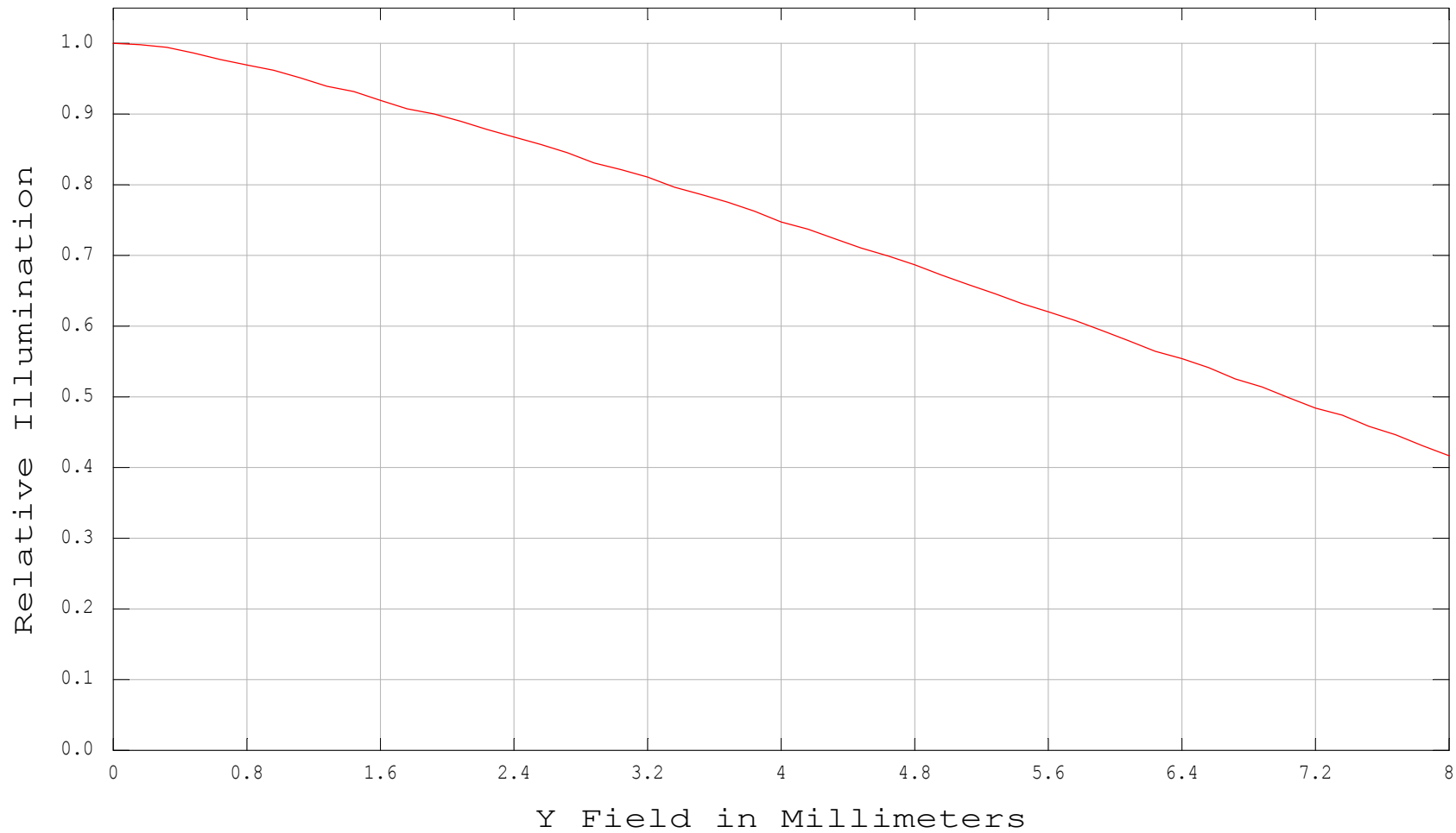
F-Stop: F1.4

Wave length: 1000nm



THU AUG 5 2010
DATA FOR 1.0000 TO 1.0000 μm .
SURFACE: IMAGE

980(1INCH-50MM).ZMX
CONFIGURATION 2 OF 3



Relative Illumination

LM50HC-SW (50mmF1.4) WD=INF

Wavelength: 1.200000 μm



