

1" 1.4/12.5mm C		1"	2/3"	1/1.8"
FOCAL LENGTH		f=12.5mm		
MAX. DIAMETER (RATIO)		F=1:1.4~16		
PICTURE SIZE		9.6x12.8mm	6.6x8.8mm	5.4x7.2mm
ANGLE	VER. ANGLE	42.5°	29.5°	24.2°
	HOR. ANGLE	55.6°	39.1°	32.1°
	DIA. ANGLE	67.6°	48.3°	39.9°
DISTORTION (TV)		-1.58%		
SHOOTING RANGE AT	VER.	243.5mm	165.2mm	134.6mm
	HOR.	330.6mm	222.4mm	180.6mm
MINIMUM FOCUS DISTANCE	DIA.	420.6mm	281.3mm	227.7mm
		0.3m		
FLANGE BACK		17.526mm in air		
BACK FOCUS		12.6mm in air		
FILTER SCREW SIZE		M35.5x0.5		
FRONT/REAR EFFECTIVE DIA.		FRONT $\phi$ 28.1mm		REAR $\phi$ 17.5mm
MOUNT		C-MOUNT		
EXIT PUPIL		-45.9mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 120lp/mm		CORNER 80lp/mm
WEIGHT		160 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	HR976SW
		機種名	1" F1.4 f=12.5mm		
2015.7.30	正面図追加	機種番	LM12HC-SW		
2014.12.25	更新				
2013.4.15	作成年月日				

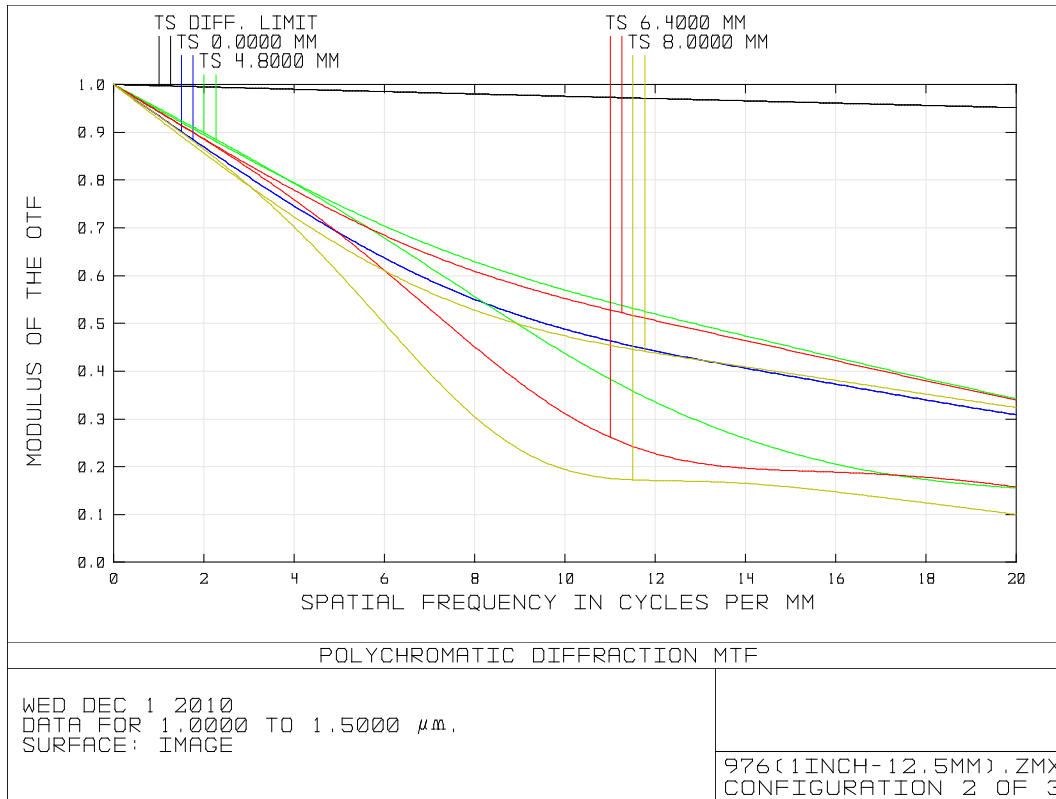


# LM12HC-SW

Working distance: 1m

F-stop: F1.4

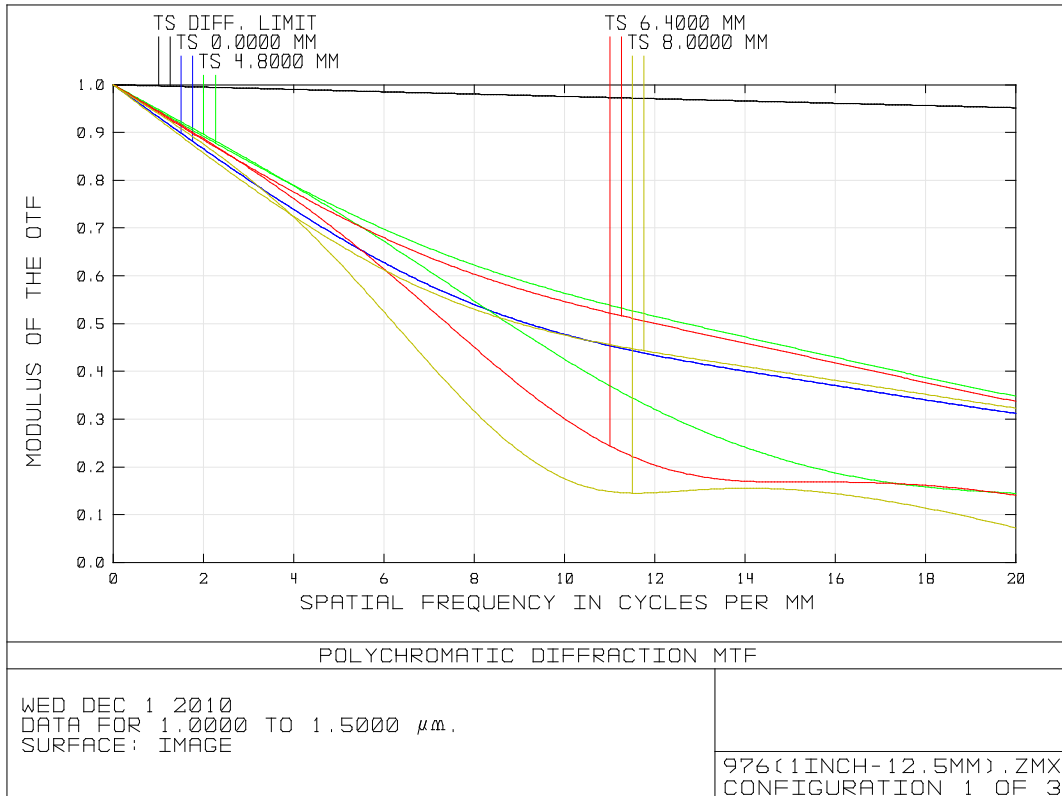
Wave length: 1000nm – 1500nm



Working distance: Infinity

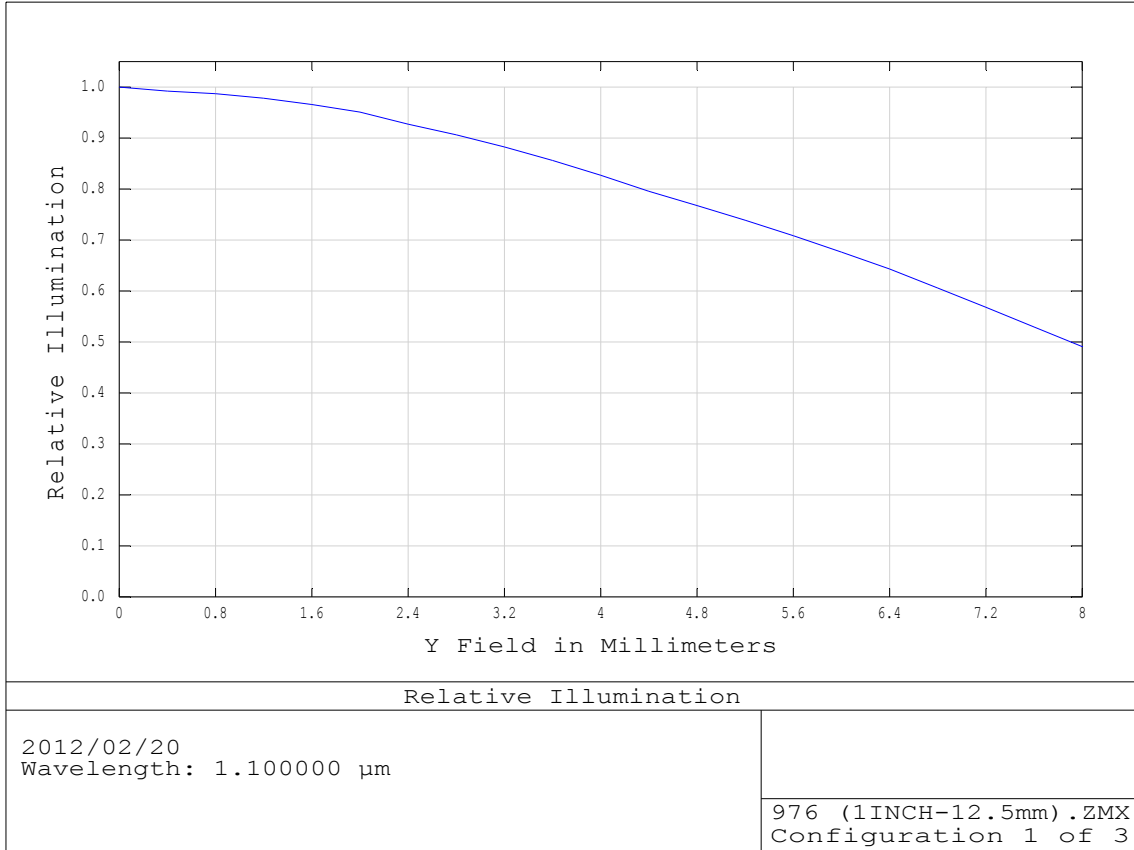
F-stop: F1.4

Wave length: 1000nm – 1500nm





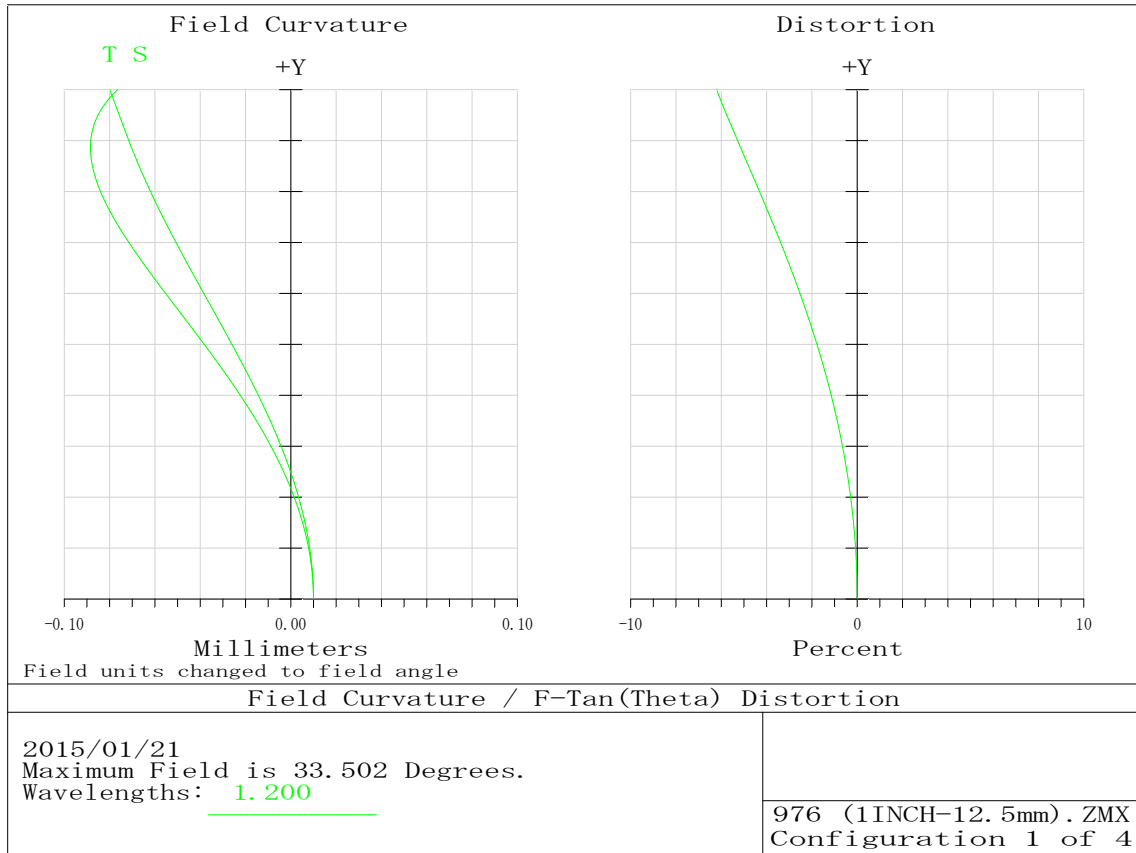
LM1 2HC-SW



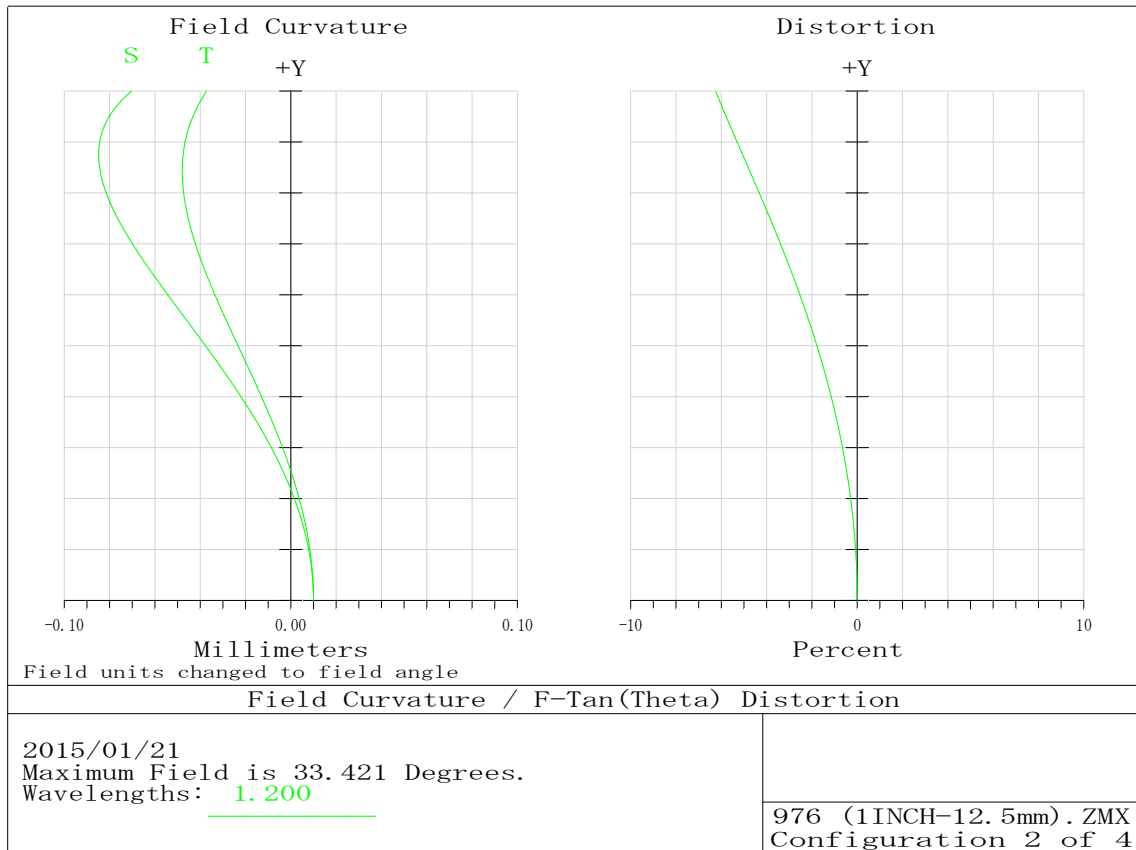


LM12HC-SW

Distortion (Object  $\infty$ )

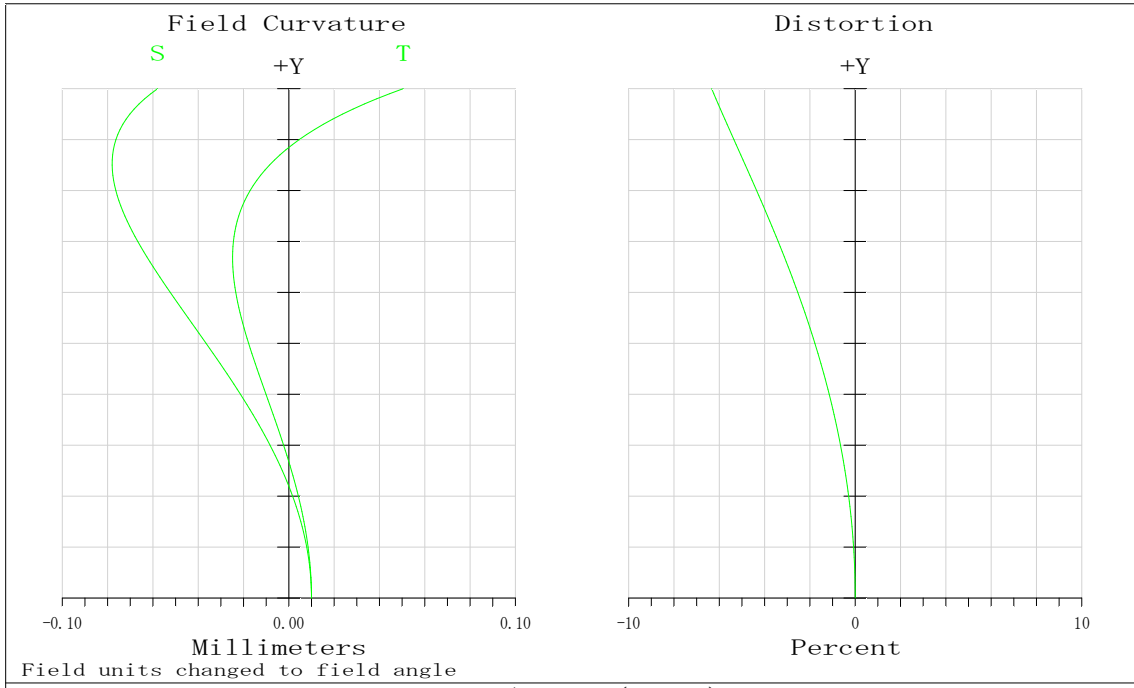


Distortion (Object 1.0m)





Distortion (Object 0.3m)



Field units changed to field angle

Field Curvature / F-Tan(Theta) Distortion

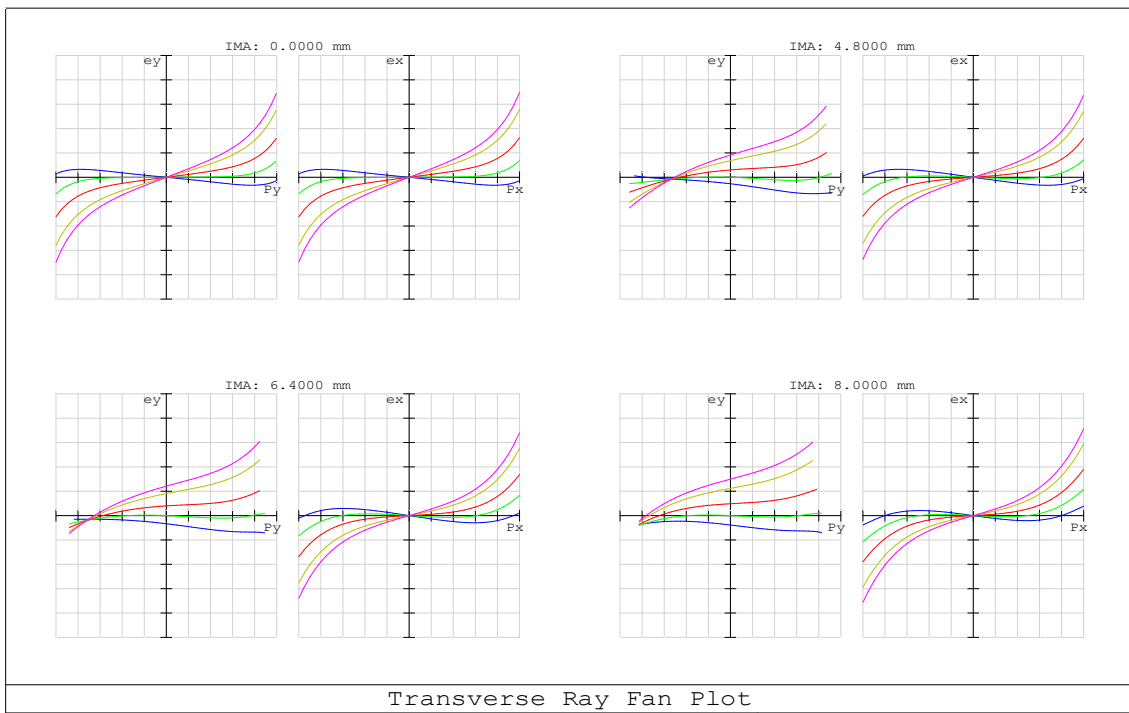
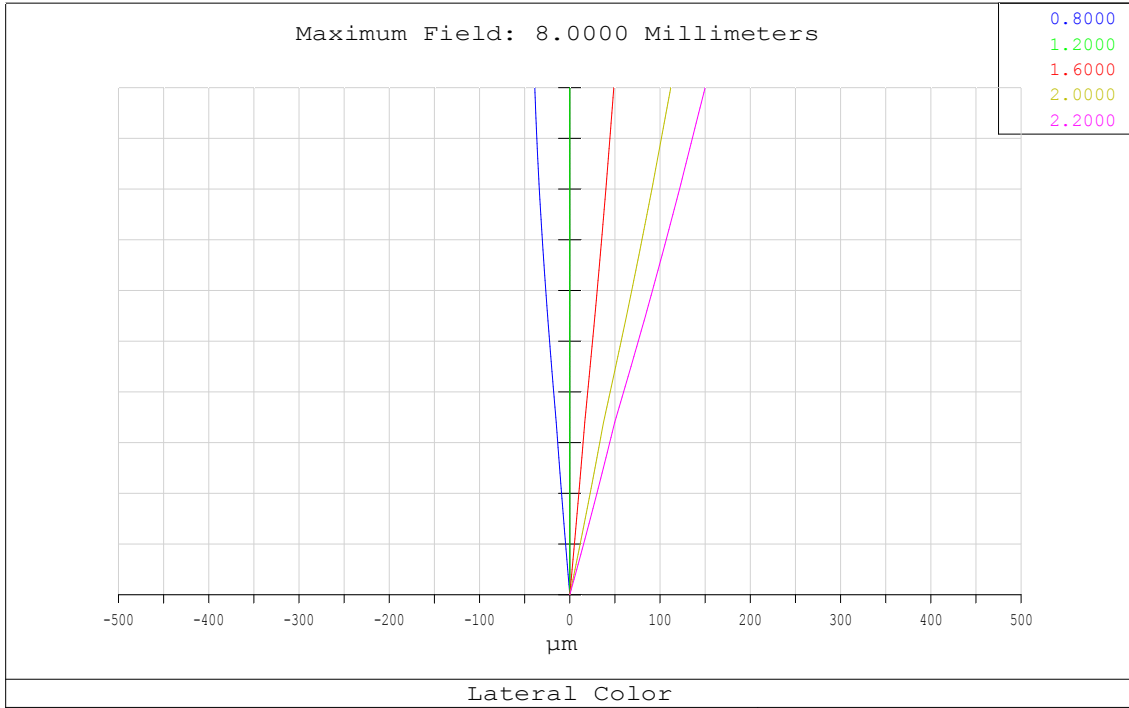
2015/01/21  
Maximum Field is 33.237 Degrees.  
Wavelengths: 1.200

976 (1INCH-12.5mm).ZMX  
Configuration 3 of 4



# LM12HC SW

## Lateral Color Aberration



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

LM12HC-SW (976IR) Transmission

