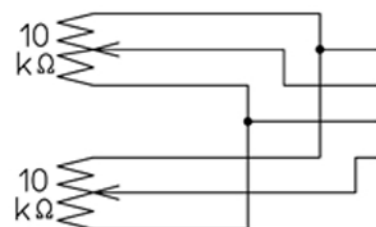


① IRIS CABLE
(VIDEO CONTROL)

(+) RED	INPUT VOLTAGE
(-) BLACK	GROUND
WHITE	VIDEO SIGNAL
GREEN	REMOTE CONTROL

② MOTOR CABLE

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



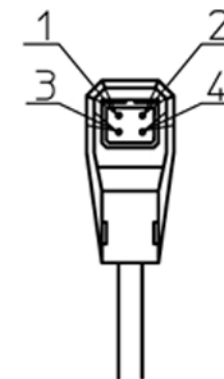
(+) BROWN	POT. SUPPLY
BLUE	FOCUS ERROR
(-) WHITE	POT. RETURN
GRAY	ZOOM ERROR

SPECIFICATION

1. USE	FOR 1" COLOR ,B/W CAMERA	
2. FOCAL LENGTH	f=16~160mm	
3. IRIS RANGE	F= 1.9 ~ 22	
4. IMAGE SIZE	φ16 (12.8x9.6)	
5. BACK FOCAL LENGTH	35.1mm in air	
6. FLANGE FOCAL LENGTH	17.526mm in air	
7. FOCUS RANGE	∞ ~ 1.7 m	
8. FIELD ANGLE	DIA.	(W) 52.4 ° (T) 5.6 °
	HOL.	42.7 ° 4.6 °
	VER.	32.5 ° 3.5 °
9. DISTORTION (TV)	-1.4 % 2.8 %	
10. LENS CONSTRUCTION	14 GROUPS 18 ELEMENTS	
11. CLEAR APERTURE	FRONT φ71 REAR φ19.7	
12. WEIGHT	1350g	

DC (DIRECT CONTROL)

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



		尺度	1/1	承認	八木	製	大
		機種名	LMZ16160AMPDC-IR				
		機種番	1" f16-160mm F1.9				
2012.04.09		作成年月日					

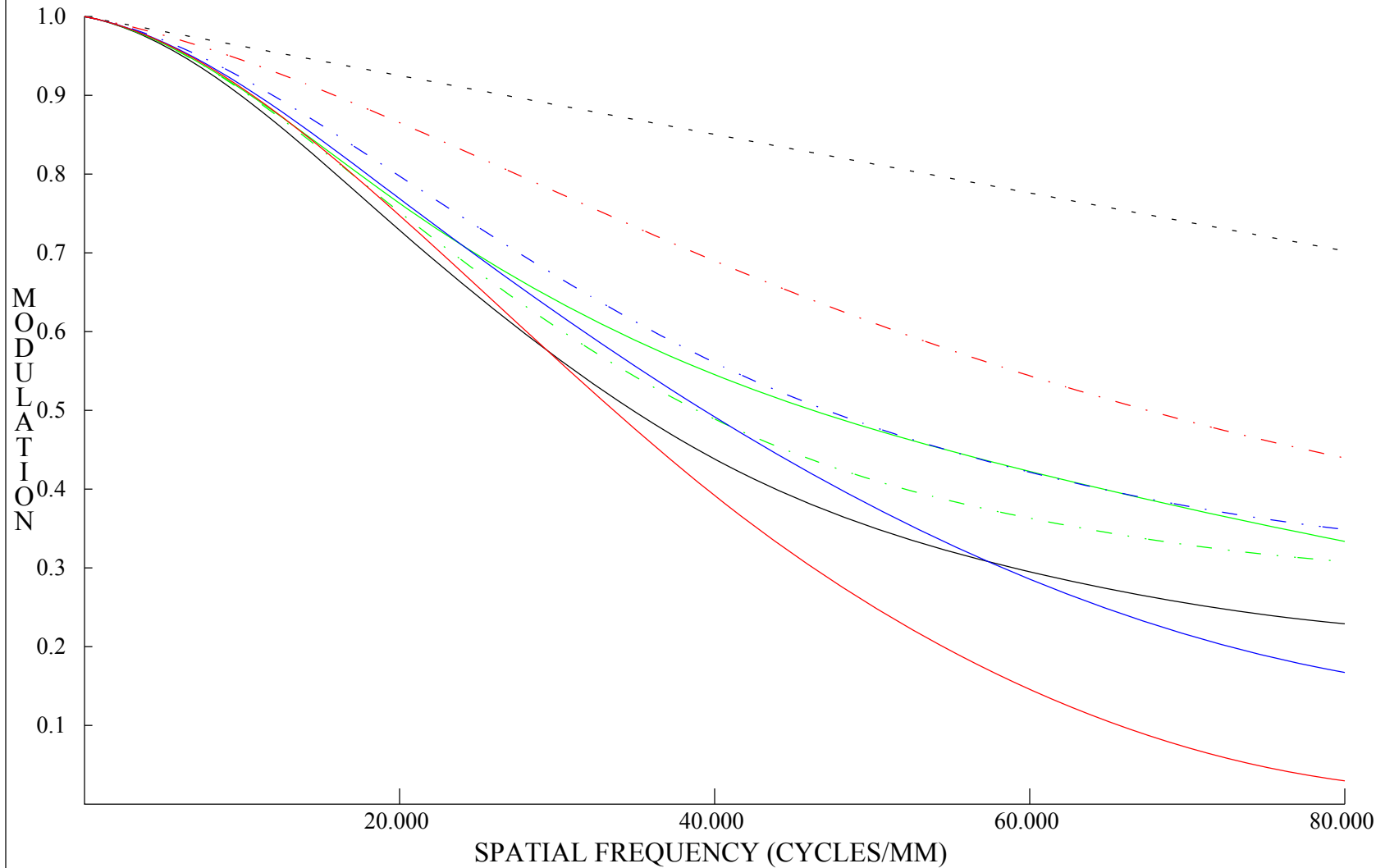


LMZ16160_16mm_inf

DIFFRACTION MTF

----- DIFFRACTION LIMIT
----- AXIS
----- T 0.3 FIELD (6.73 °)
----- R 0.7 FIELD (13.28 °)
----- T 0.7 FIELD (13.28 °)
----- R 1.0 FIELD (19.50 °)
----- T 1.0 FIELD (19.50 °)
----- R

WAVELENGTH
1500.0 NM

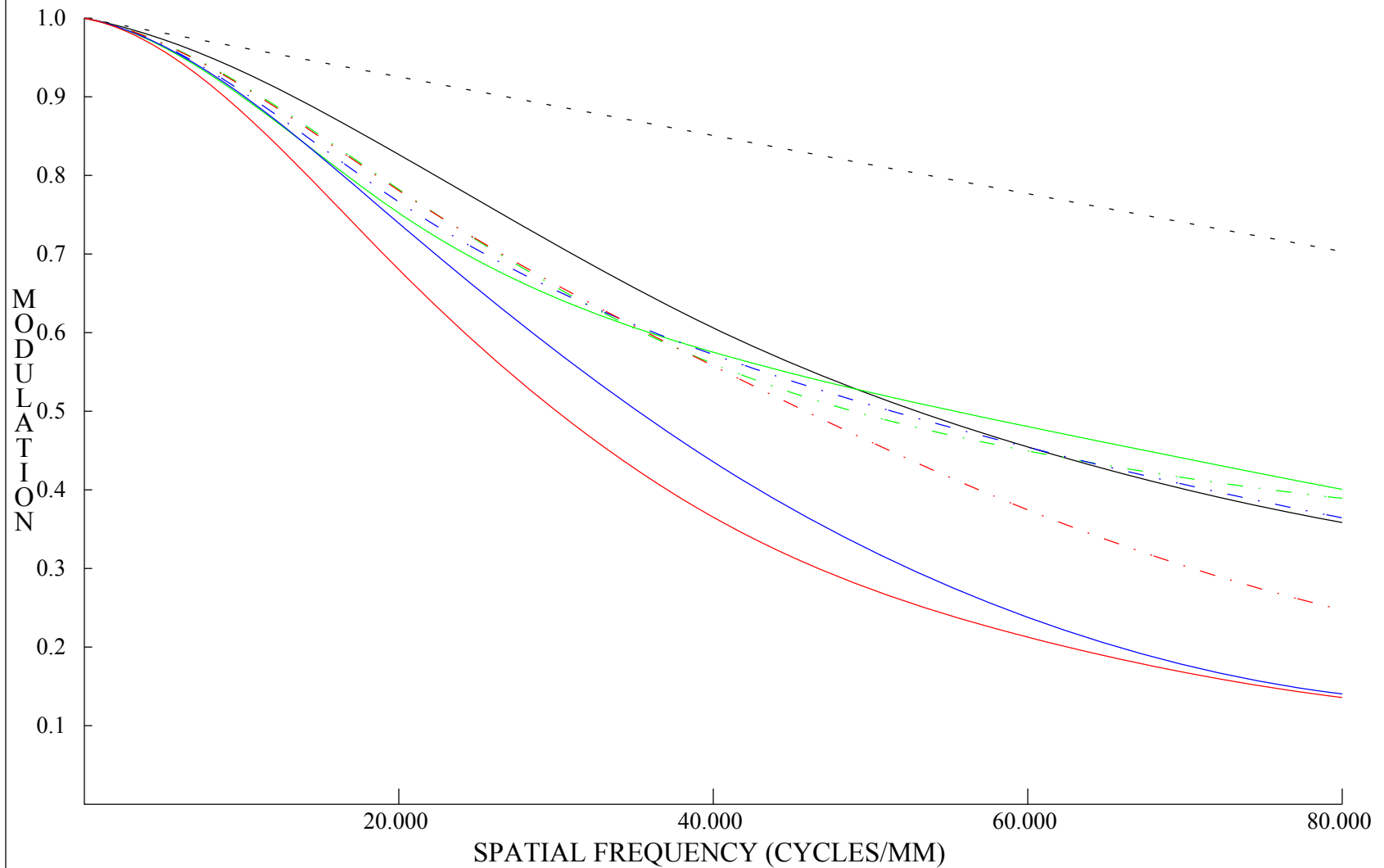


LMZ16160_100mm_inf

DIFFRACTION MTF

----- DIFFRACTION LIMIT
----- AXIS
----- T 0.3 FIELD (1.19 °)
----- R 0.7 FIELD (2.37 °)
----- T 1.0 FIELD (3.55 °)
----- R

WAVELENGTH
1500.0 NM

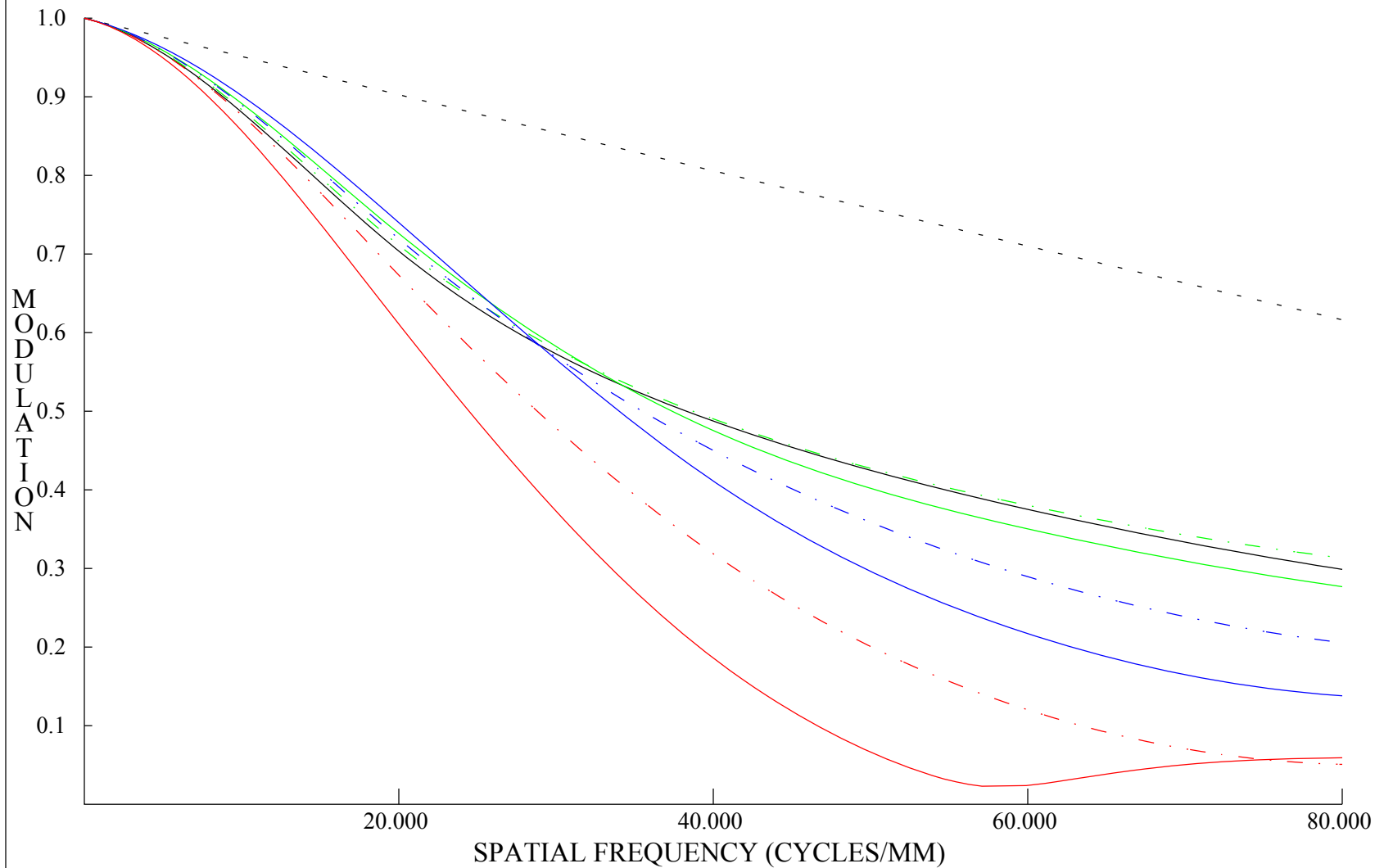


LMZ16160_160mm_inf

DIFFRACTION MTF

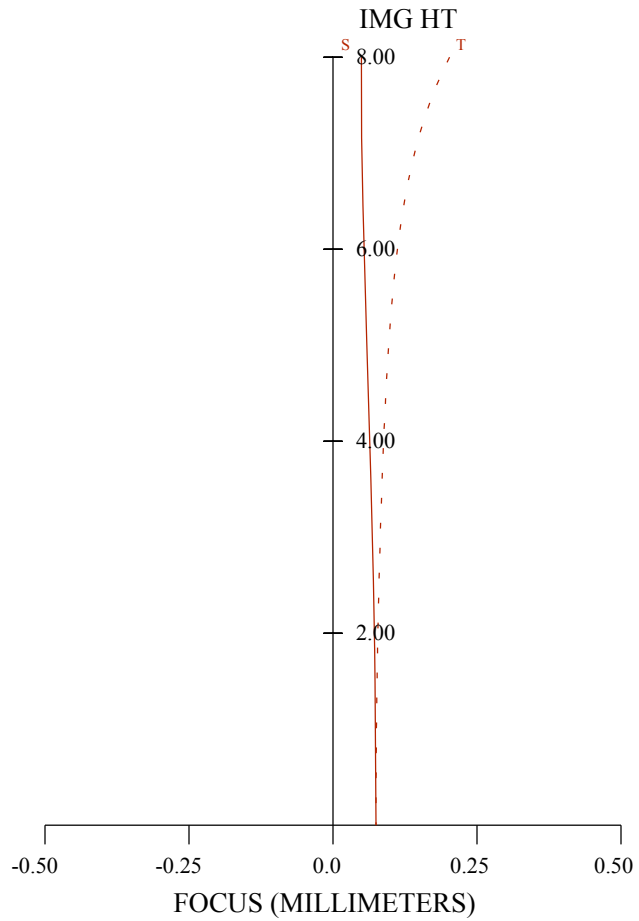
----- DIFFRACTION LIMIT
----- AXIS
----- T 0.3 FIELD (0.74 °)
----- R
----- T 0.7 FIELD (1.48 °)
----- R
----- T 1.0 FIELD (2.22 °)
----- R

WAVELENGTH
1500.0 NM

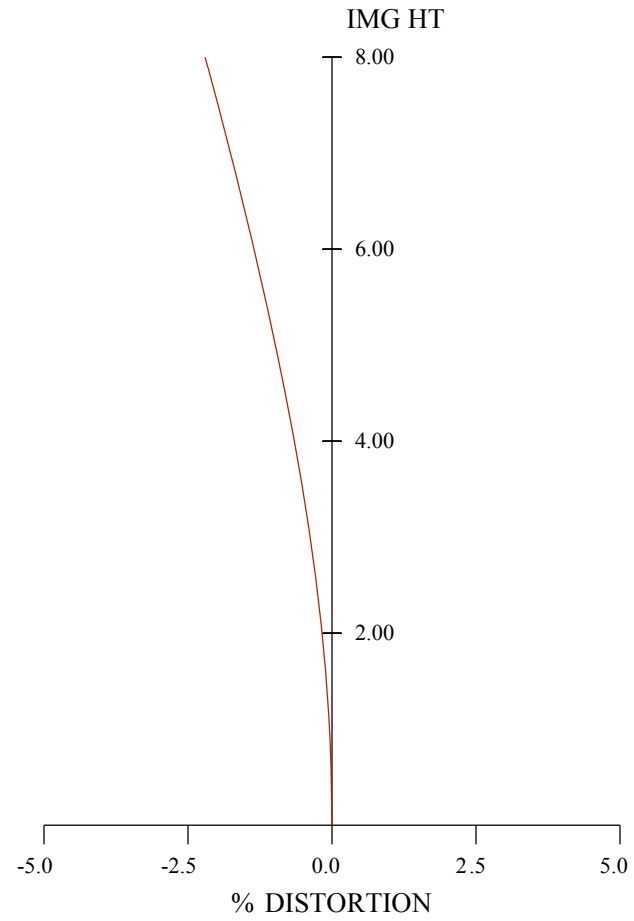




ASTIGMATIC FIELD CURVES

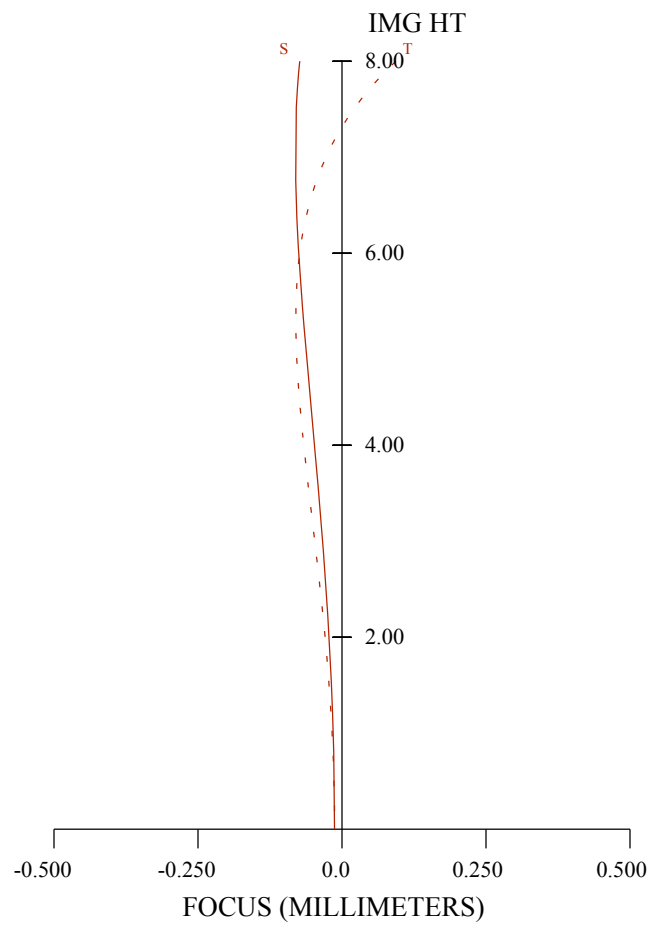


DISTORTION

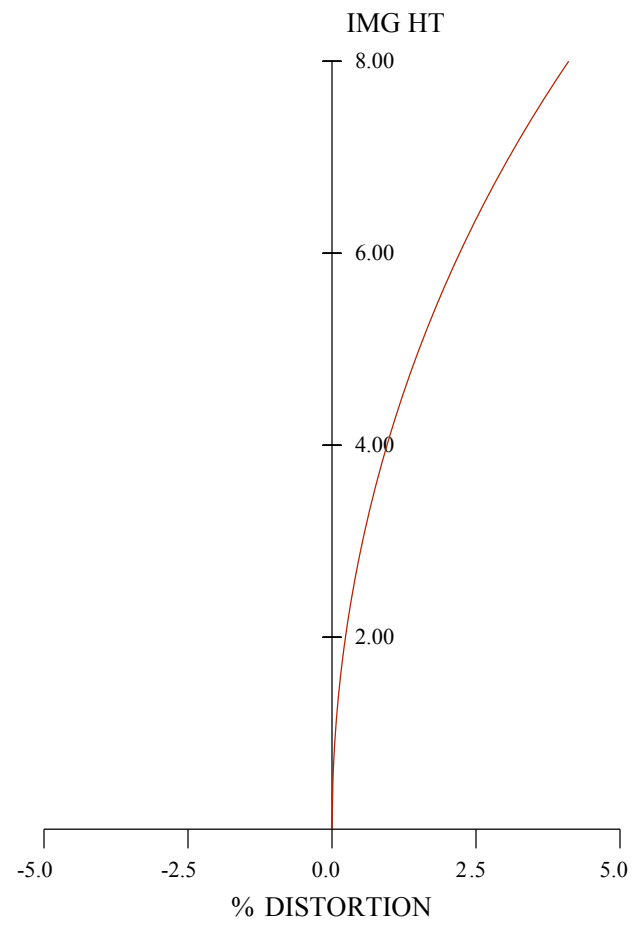


LMZ16160_16mm_inf

ASTIGMATIC FIELD CURVES

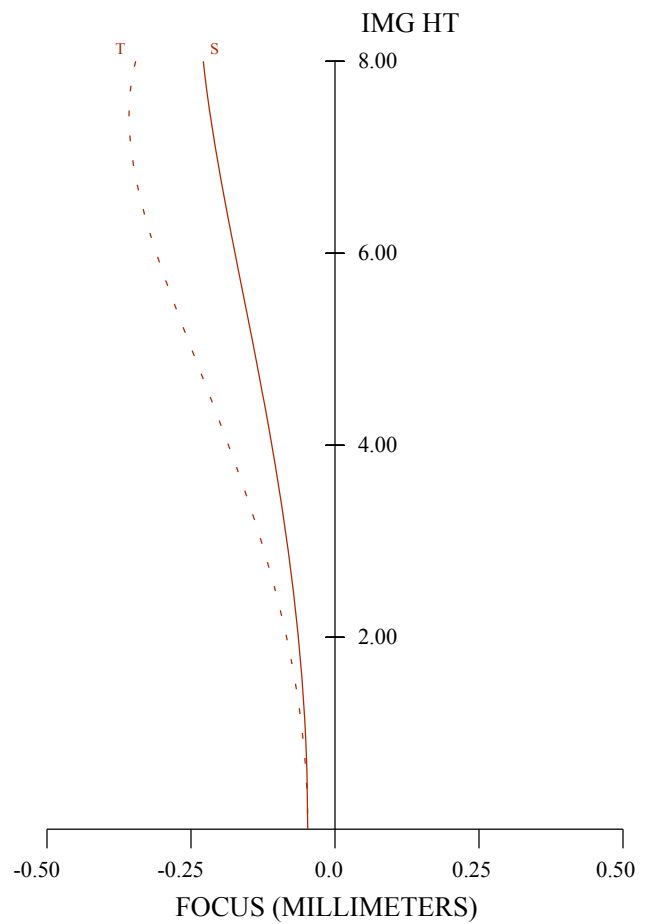


DISTORTION

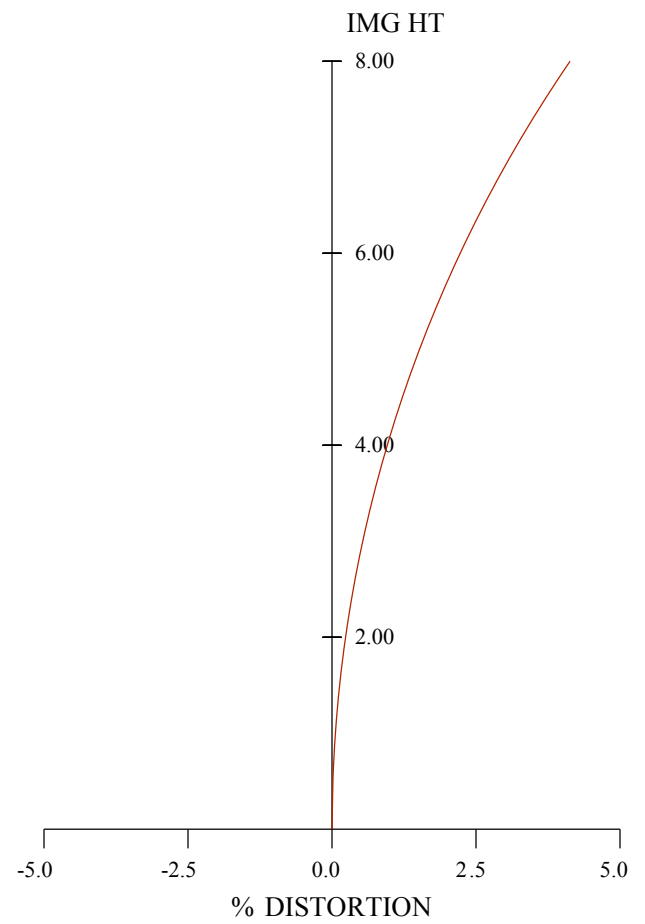


LMZ16160_100mm_inf

ASTIGMATIC FIELD CURVES



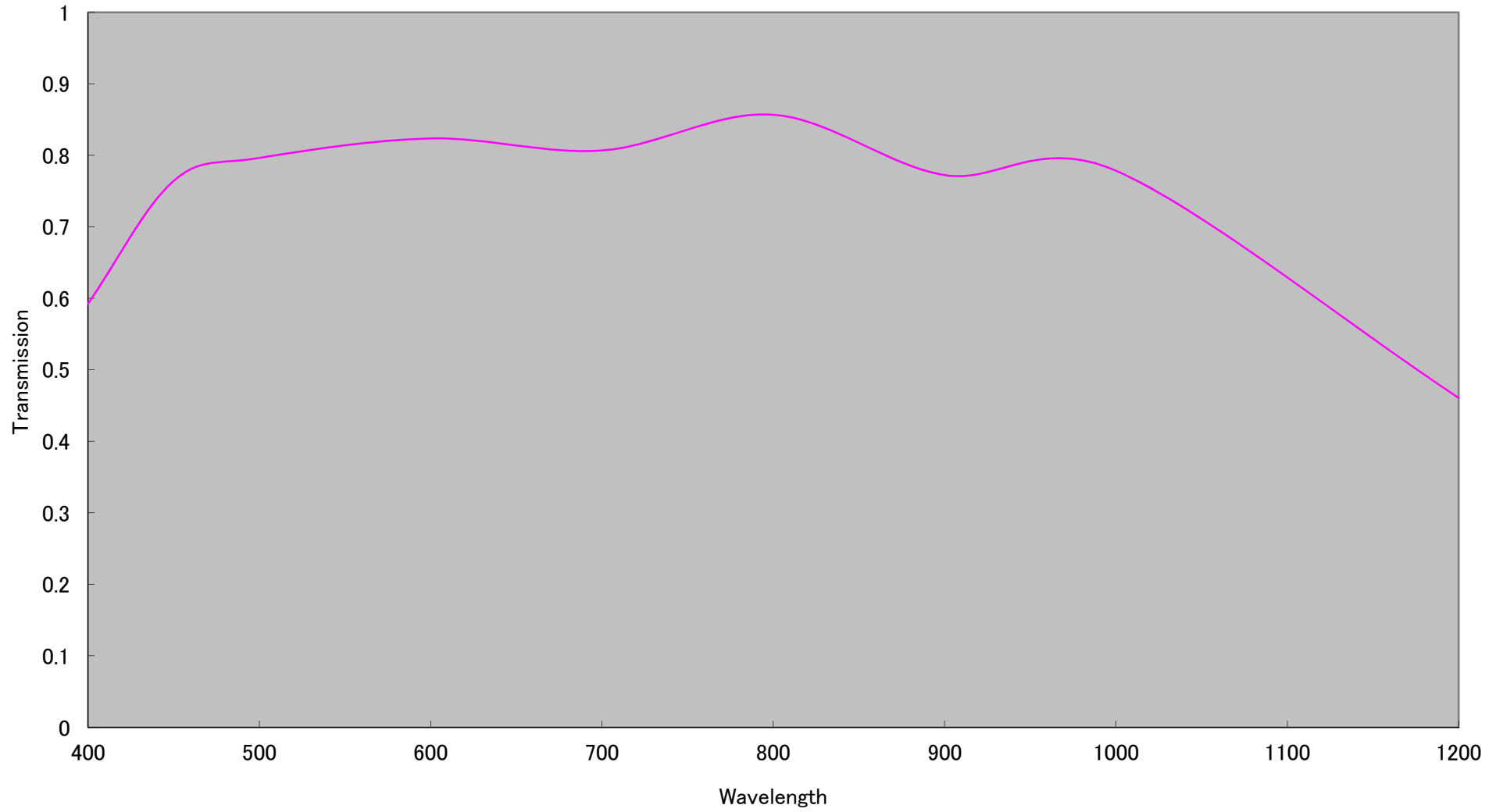
DISTORTION



LMZ16160_160mm_inf



LMZ16160 (1075) Transmission

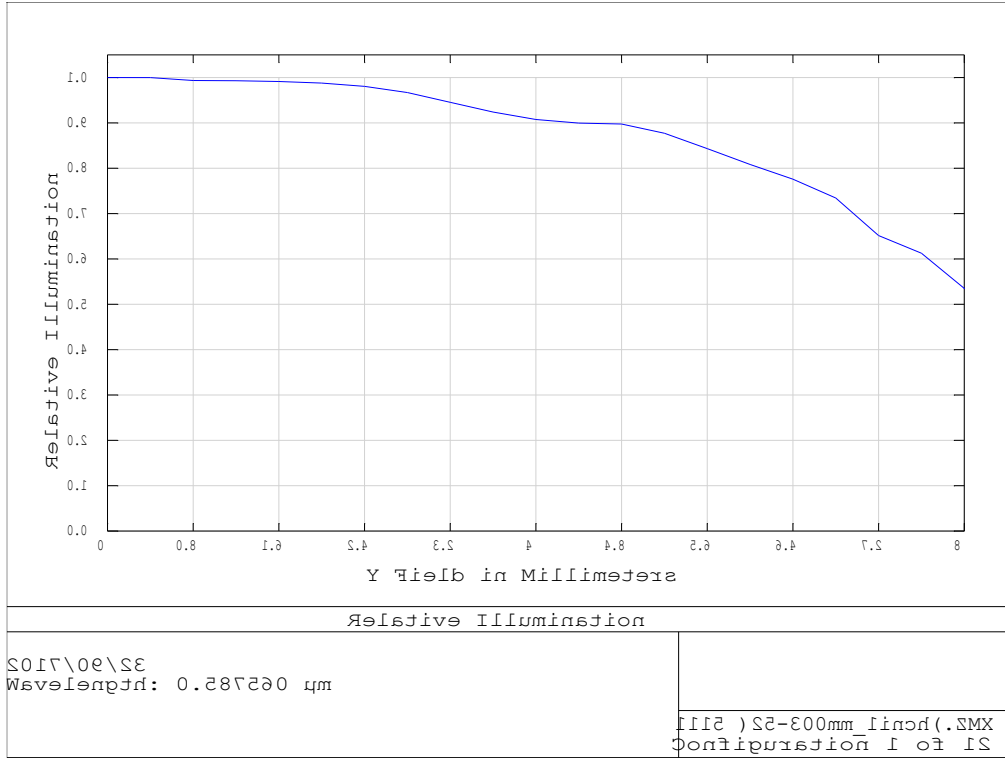




LMZ16160

Relative Illumination

Wide



Tele

