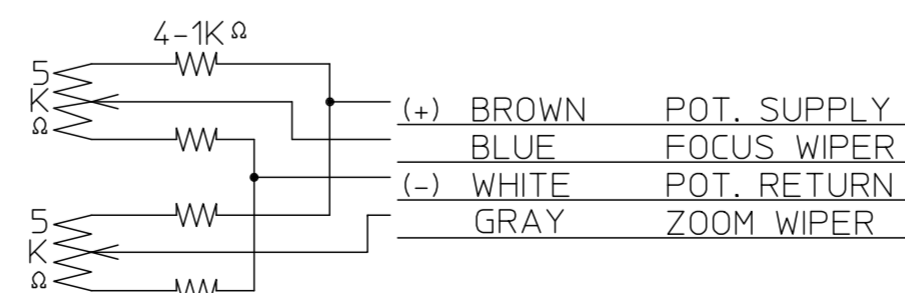


USE	1" (φ16mm)			
FOCAL LENGTH	f=16~160mm			
IRIS RANGE	F=1.9~22 (Tele:F2.6)			
IMAGE SIZE	9.6x12.8mm (φ16)		6.6x8.8mm (φ11)	
FIELD ANGLE	DIA.	(W) 52.4° (T) 5.6°	(W) 37.0° (T) 4.0°	(W) (T)
	HOR.	(W) 42.7° (T) 4.6°	(W) 29.9° (T) 3.2°	(W) (T)
	VER.	(W) 32.5° (T) 3.5°	(W) 22.5° (T) 2.4°	(W) (T)
FIELD OF VIEW AT M.O.D.	DIA.	(W) 1592mm (T) 164mm	(W) 1100mm (T) 115mm	(W) (T)
	HOR.	(W) 1278mm (T) 133mm	(W) 880mm (T) 92mm	(W) (T)
	VER.	(W) 960mm (T) 100mm	(W) 660mm (T) 70mm	(W) (T)
DISTORTION (TV)	(W) -1.4% (T) 2.8%	(W) -0.4% (T) 0.6%	(W) (T)	(W) (T)
FOCUS RANGE	∞~1.7m			
FILTER THREAD	M89x1.0			
CREAR APERTURE	FRONT φ71.0mm REAR φ19.7mm			
EXIT PUPIL POSITION	-88.3mm			
WEIGHT	1350 g			

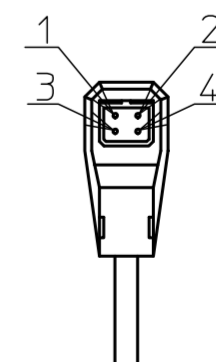
① MOTOR & POT. CABLE (FOCUS, ZOOM)

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



② IRIS CABLE (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 LESS THAN +4V CLOSE OVER THAN 0V W/CLOSING SPRING



		機種名	F1.9/16-160mm
		機種番	LMZ16160AMPDC-IR
2017.09.23	作成年月日		

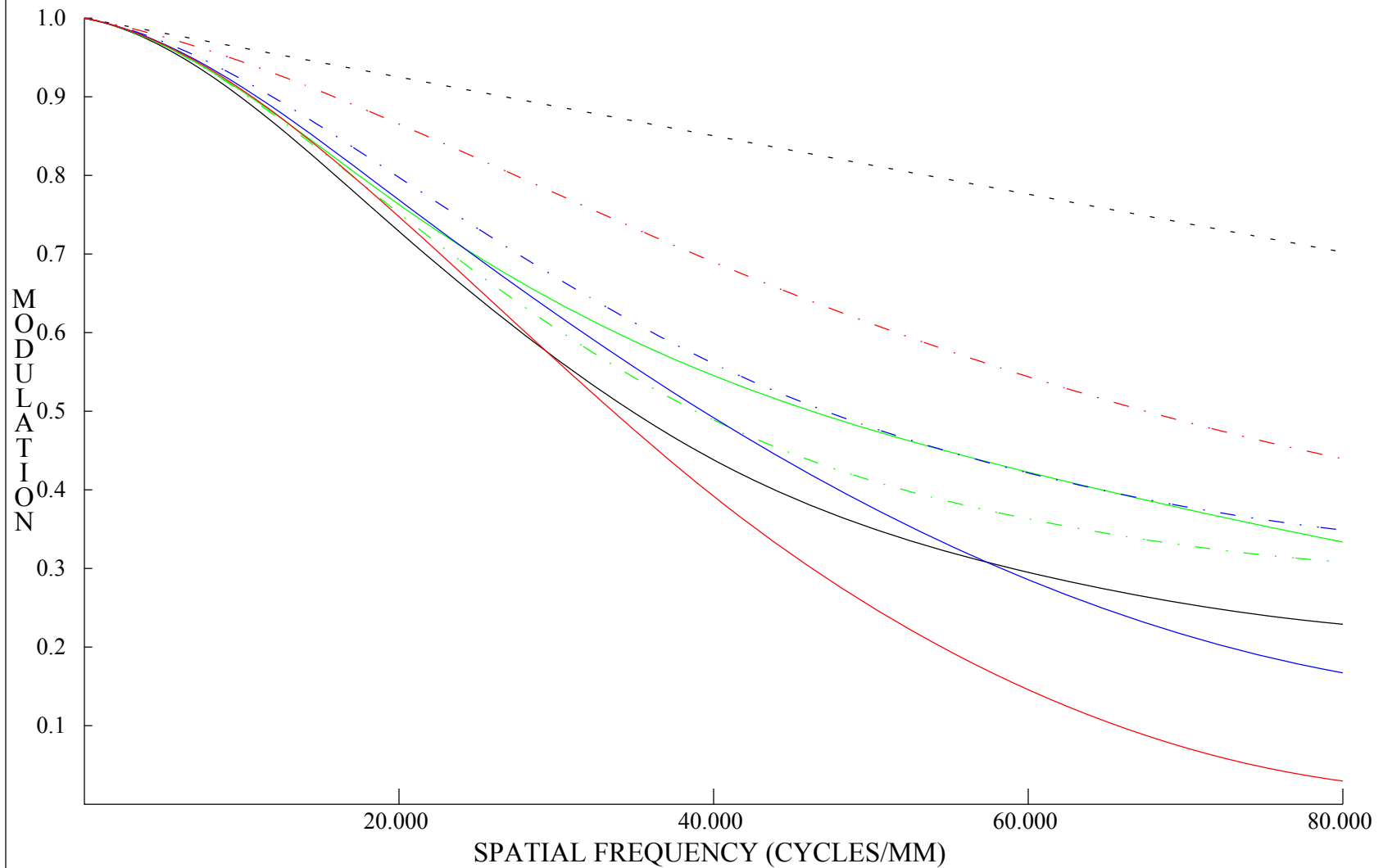


LMZ16160_16mm_inf

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

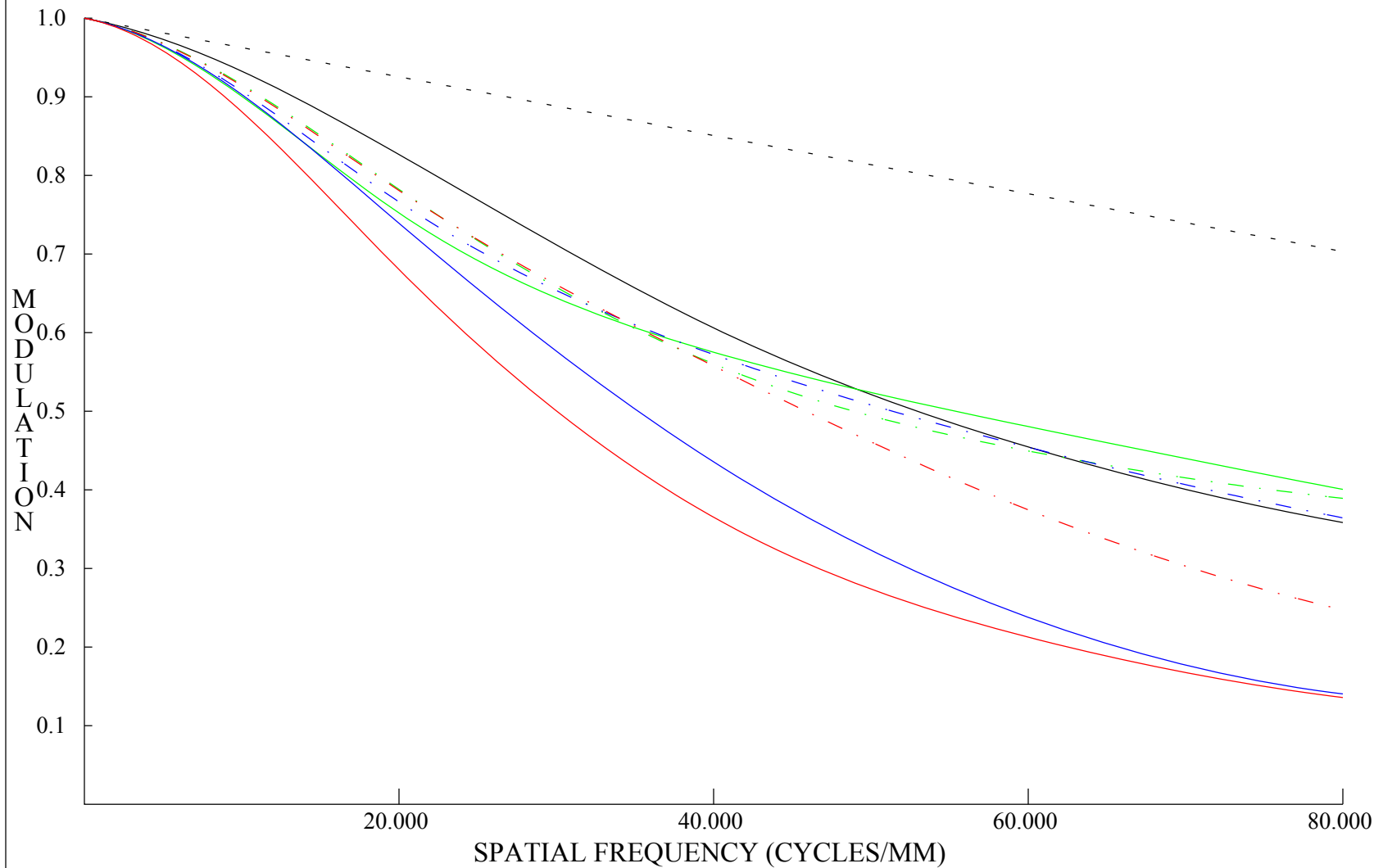


LMZ16160_100mm_inf

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

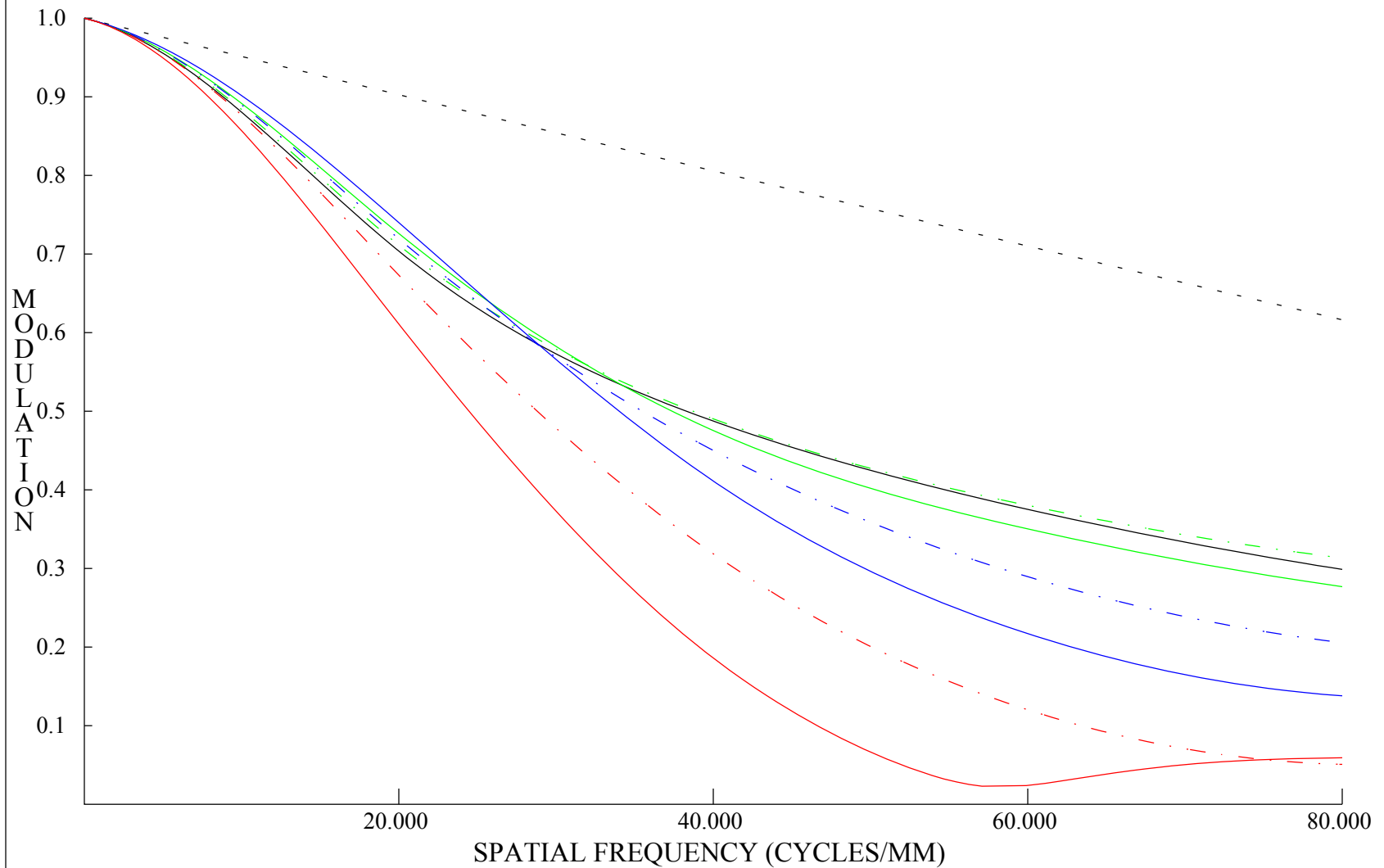


LMZ16160_160mm_inf

DIFFRACTION MTF

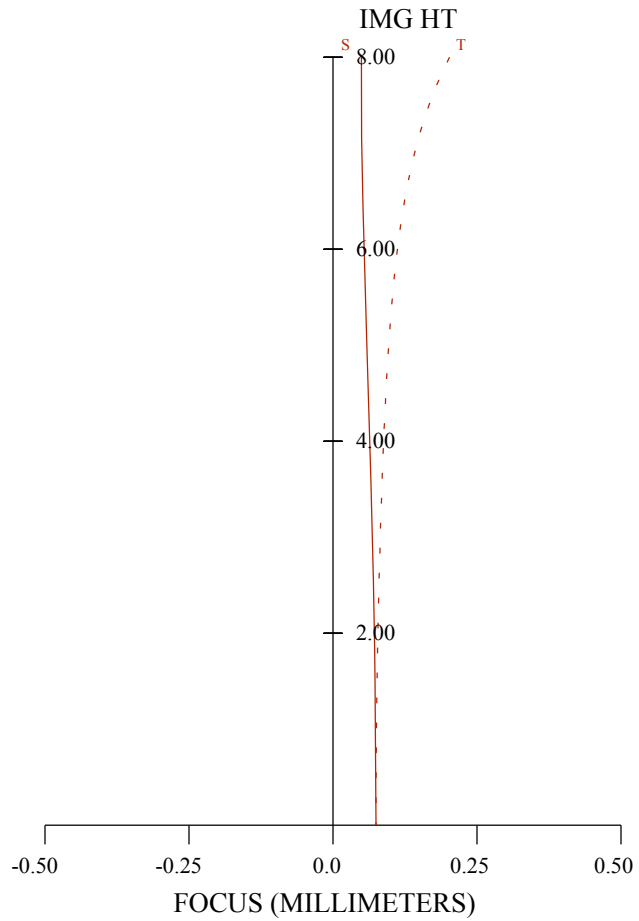
----- DIFFRACTION LIMIT
----- AXIS
----- T 0.3 FIELD (0.74 °)
----- R 0.7 FIELD (1.48 °)
----- T 0.7 FIELD (1.48 °)
----- R 1.0 FIELD (2.22 °)
----- T 1.0 FIELD (2.22 °)
----- R

WAVELENGTH
1500.0 NM

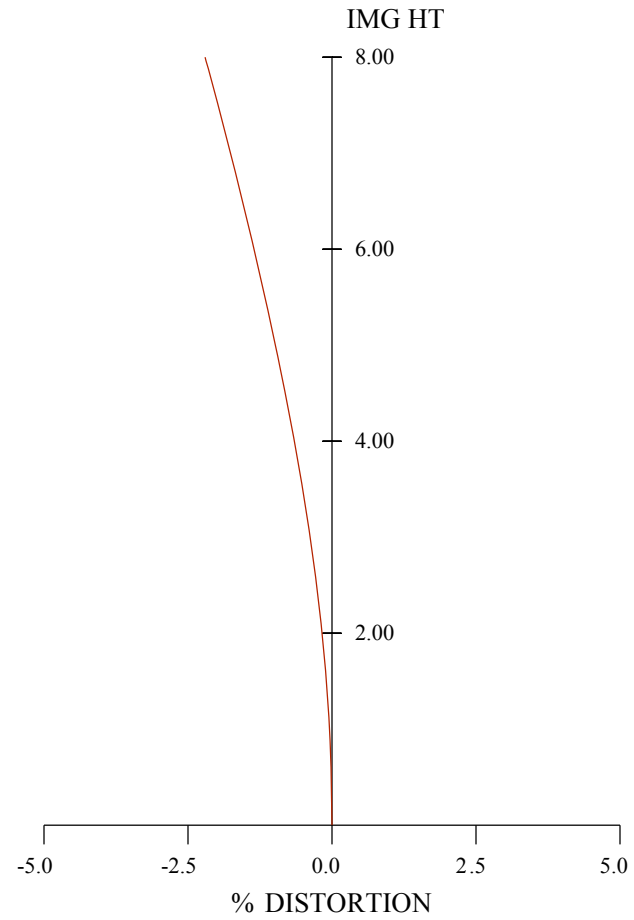




ASTIGMATIC FIELD CURVES

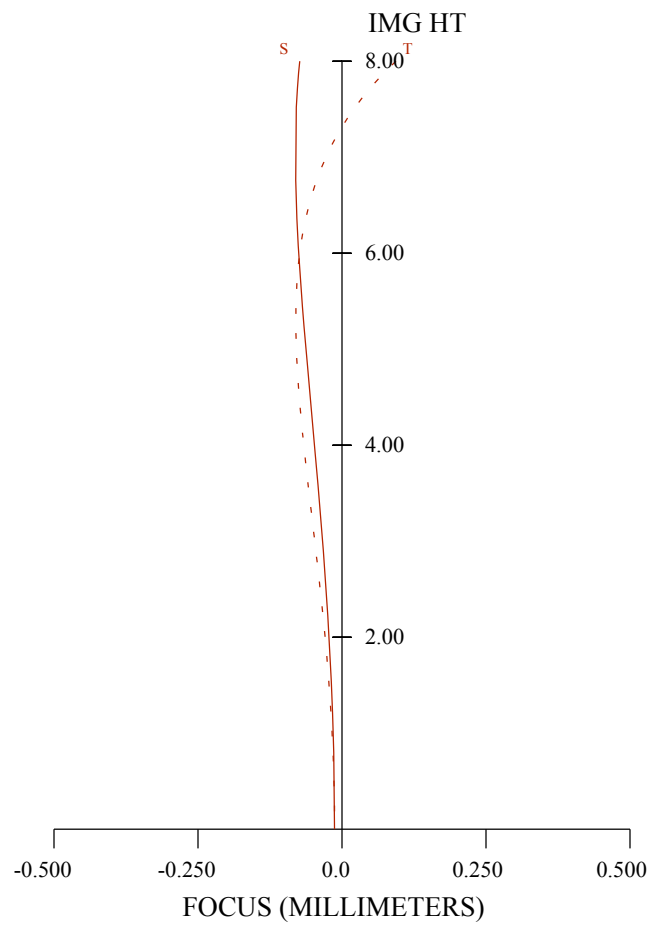


DISTORTION

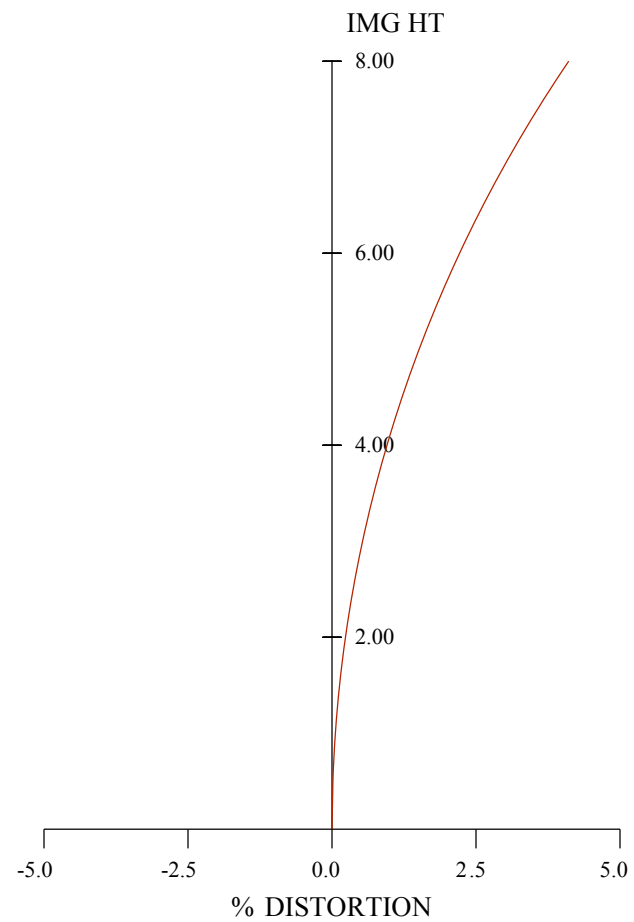


LMZ16160_16mm_inf

ASTIGMATIC FIELD CURVES

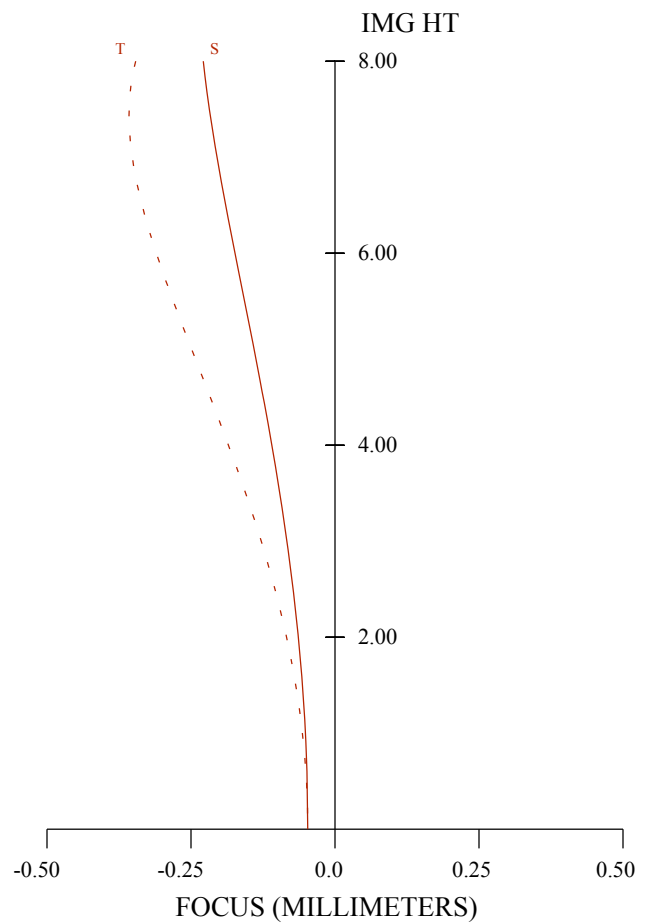


DISTORTION

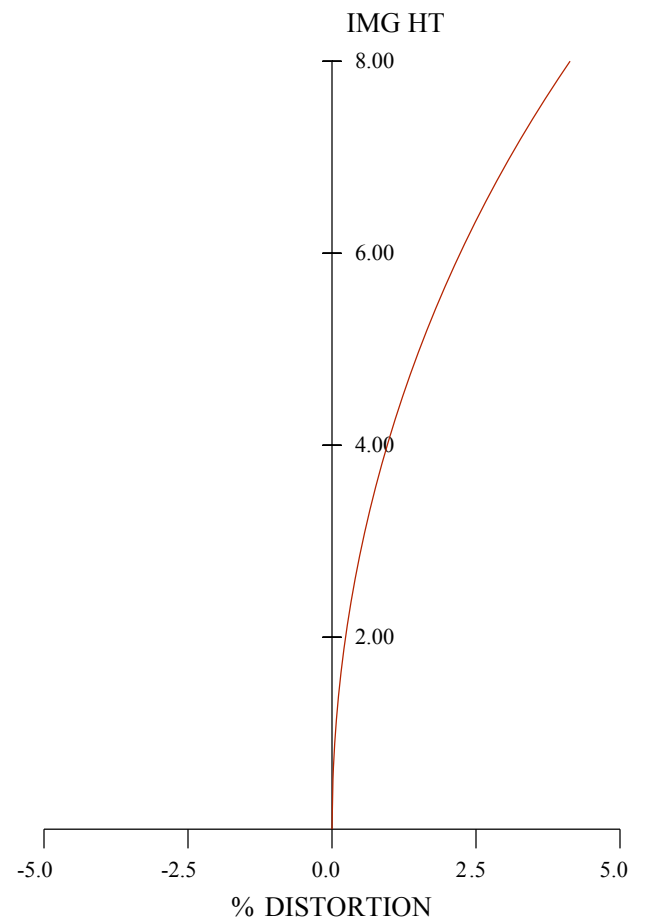


LMZ16160_100mm_inf

ASTIGMATIC FIELD CURVES



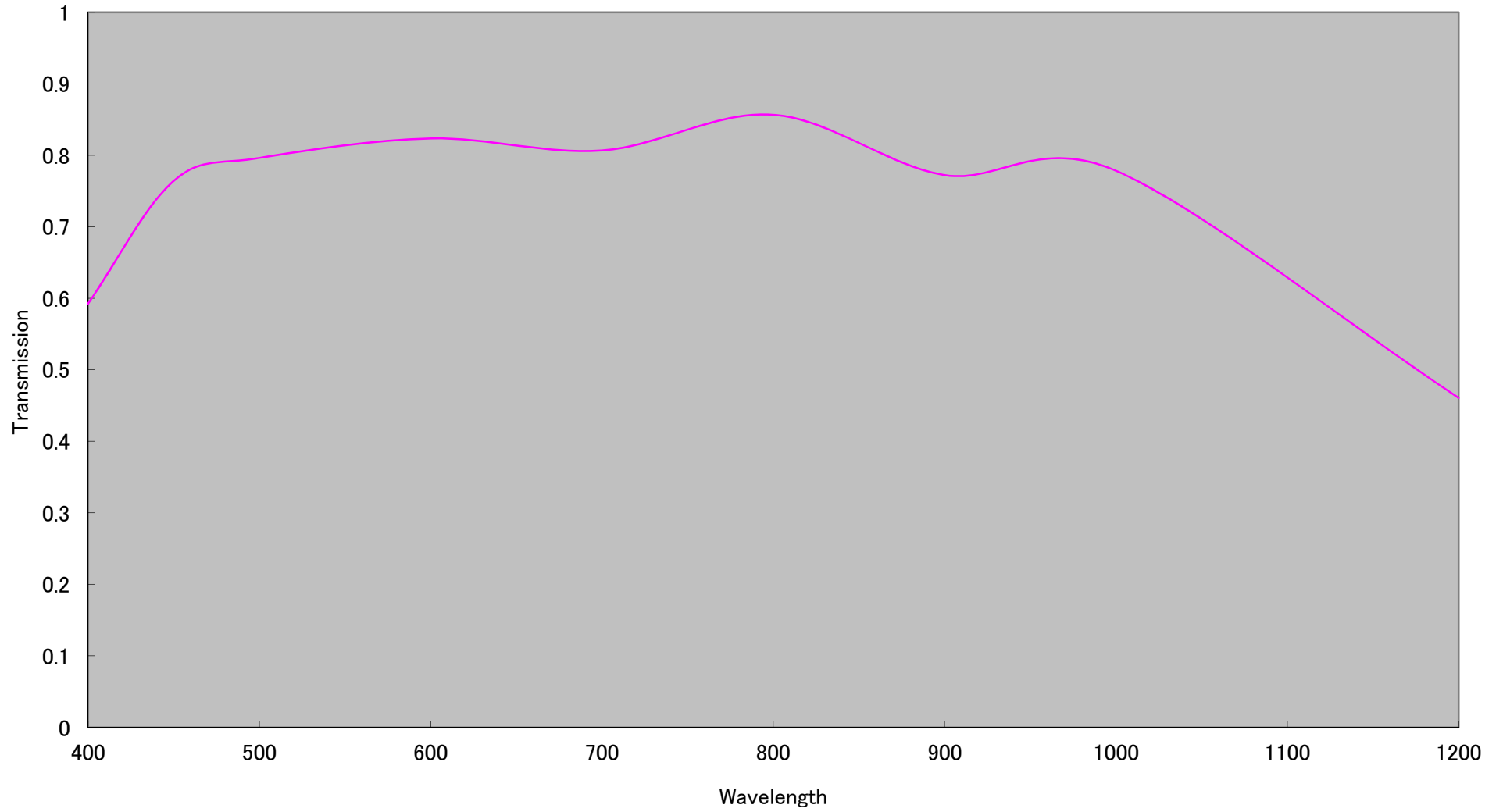
DISTORTION



LMZ16160_160mm_inf



LMZ16160 (1075) Transmission

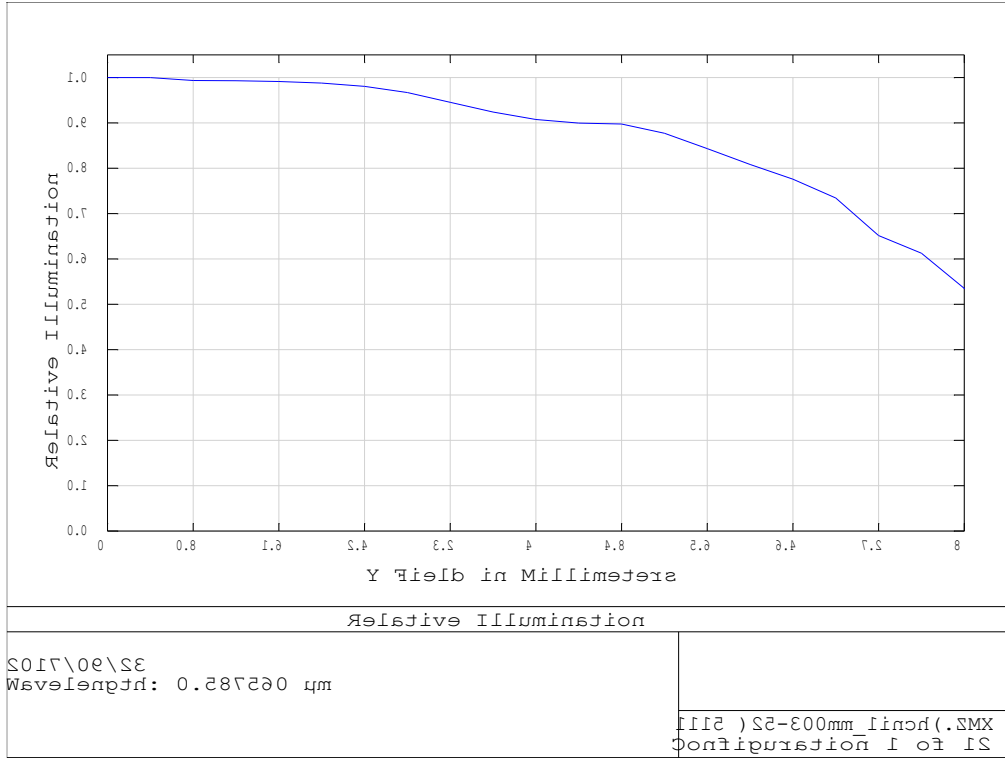




LMZ16160

Relative Illumination

Wide



Tele

