

MML08-HR110D / HR110

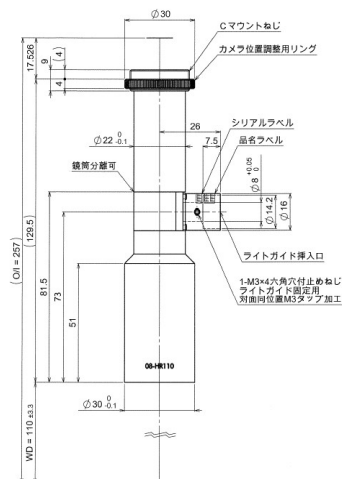
MML-High Resolution

Drawing No. A03378/A03480

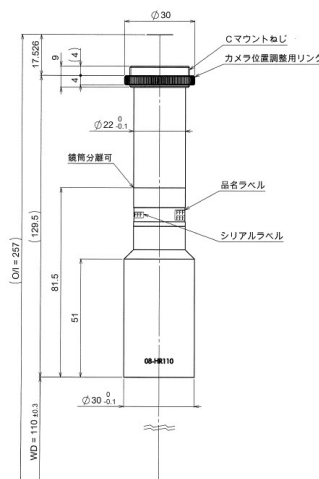


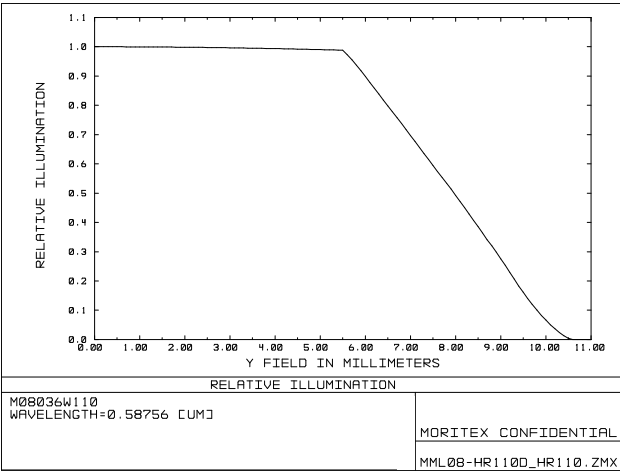
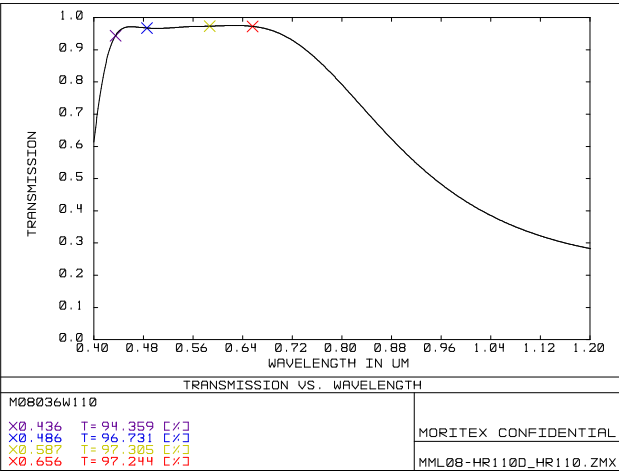
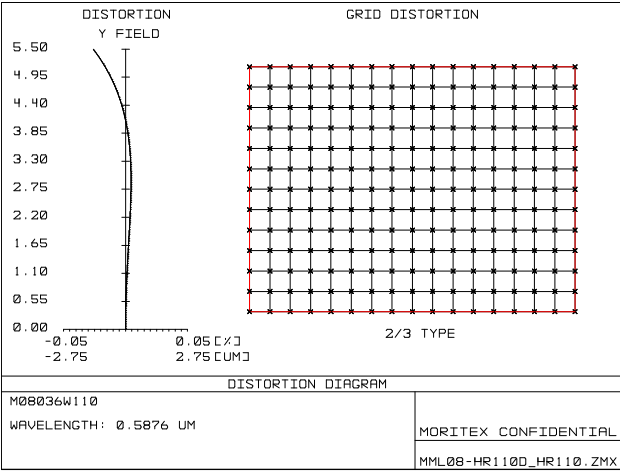
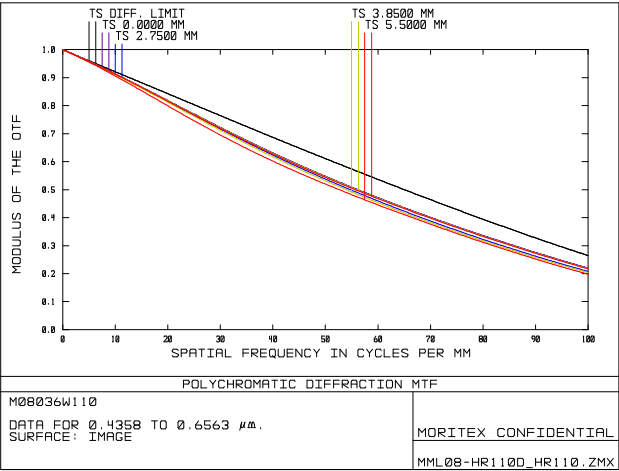
Lens Type	Fixed Magnification Object Side Telecentric Lens
Magnification	0.80
Focal Length (mm)	91.40
Effective Fno	11.00
Numerical Aperture	0.036
Working/Object Distance (mm)	110.0/113.0
Object to Image Distance (mm)	256.98
Mechanical Tube Length (mm)	129.50
Lens Back (mm)	55.87
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	1.380
Resolution @ $\lambda=520\text{nm}$ (μm)	9.3
Front/Rear Principal Position (mm)	92.64/-108.63
Entrance/Exit Pupil Position (mm)	13,046.11/-17.89
Entrance/Exit Pupil Diameter (mm)	953.68/6.68
Telecentricity (deg.)	0.017(1/3Inch) 0.024(1/2Inch) 0.028(1/1.8Inch) 0.037(2/3Inch)
Optical Distortion (%)	0.005(1/3Inch) 0.005(1/2Inch) 0.005(1/1.8Inch) -0.025(2/3Inch)
Relative Illumination (%)	99.64(1/3Inch) 99.37(1/2Inch) 99.21(1/1.8Inch) 98.84(2/3Inch)
Weight (g)	112.0/109.0
Mount	C Mount
Image Circle (mm)	$\phi 11$
Largest Compatible Camera	2/3 Inch

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The content is subject to change.

MORITEX Corporation

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