

MML05-HR110D / HR110

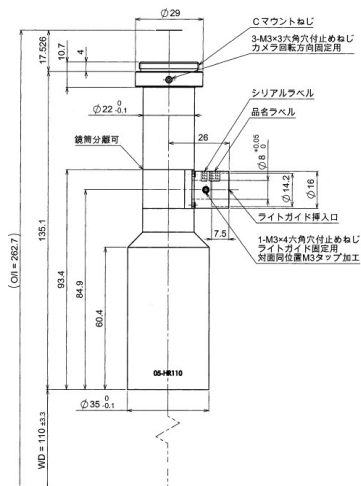
MML-High Resolution

Drawing No. A03407/A03490

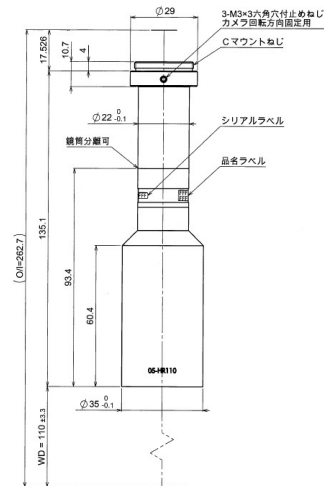


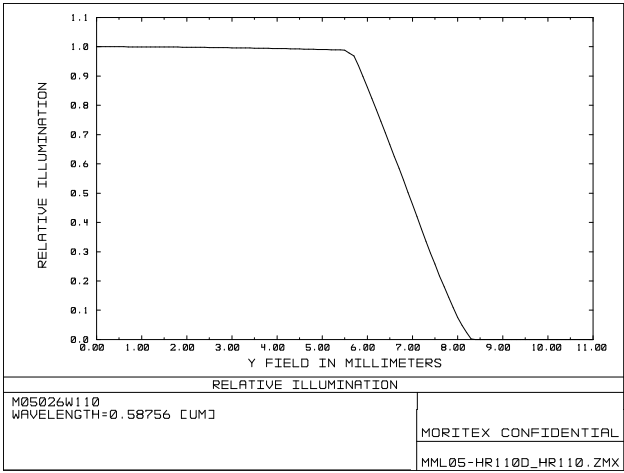
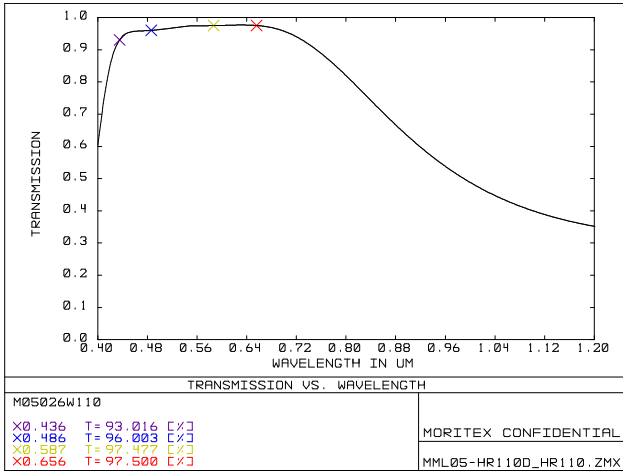
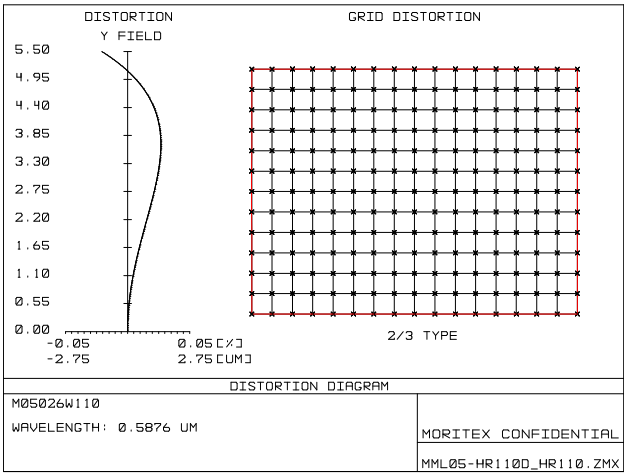
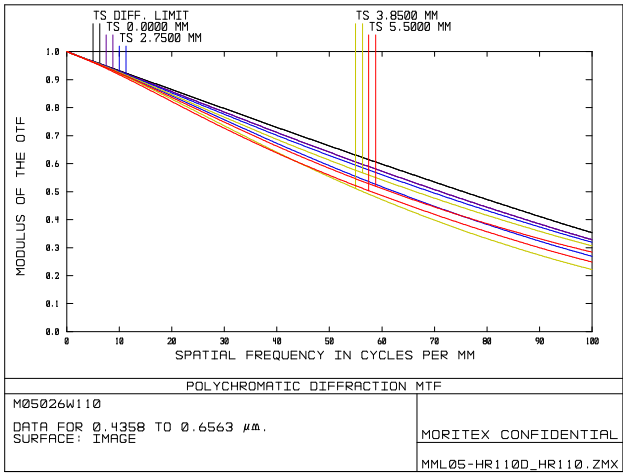
Lens Type	Fixed Magnification Object Side Telecentric Lens
Magnification	0.50
Focal Length (mm)	126.20
Effective Fno	9.50
Numerical Aperture	0.026
Working/Object Distance (mm)	110.0/112.9
Object to Image Distance (mm)	262.65
Mechanical Tube Length (mm)	135.12
Lens Back (mm)	52.69
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	3.000
Resolution @ $\lambda=520\text{nm}$ (μm)	12.8
Front/Rear Principal Position (mm)	265.82/-136.64
Entrance/Exit Pupil Position (mm)	53,464.11/-10.70
Entrance/Exit Pupil Diameter (mm)	2,830.13/6.70
Telecentricity (deg.)	0.004(1/3Inch) 0.004(1/2Inch) 0.004(1/1.8Inch) 0.004(2/3Inch)
Optical Distortion (%)	0.024(1/3Inch) 0.028(1/2Inch) 0.028(1/1.8Inch) 0.028(2/3Inch)
Relative Illumination (%)	99.66(1/3Inch) 99.39(1/2Inch) 99.23(1/1.8Inch) 98.85(2/3Inch)
Weight (g)	142.0/137.0
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

Technology Center : Lens Design & Development Technology

For support, please contact :

MORITEX North America, Inc.

TEL +1 (408) 363-2100 machine.vision@moritex.com

FAX +1 (408) 363-9985 www.moritex.com

