

# MML1-HR110D / HR110

**SCHOTT MORITEX Reference**  
Data do not guarantee the performance of the product

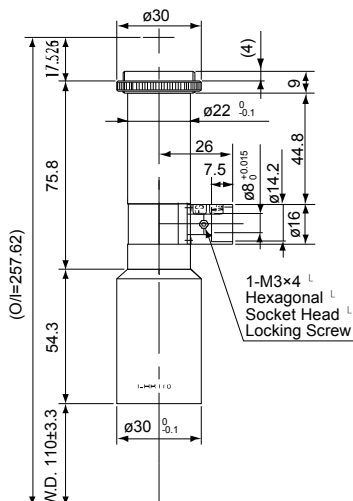
## MML-High Resolution

Drawing No. A03128/A03453

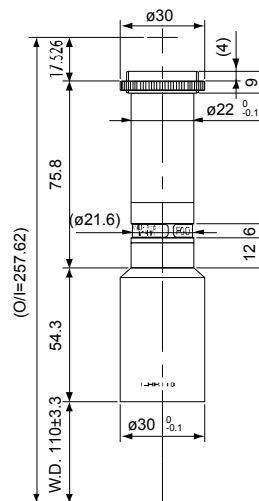


レンズ形式	Lens Type	Fixed Magnification Object Side Telecentric Lens
光学倍率	Magnification	1.00
焦点距離 (mm)	Focal Length	69.10
有効Fno	Effective Fno	11.00
NA	Numerical Aperture	0.045
WD/OD (mm)	Working/Object Distance	110.0/113.0
O/I (mm)	Object to Image Distance	257.62
鏡筒長 (mm)	Mechanical Tube Length	130.10
レンズバック (mm)	Lens Back	60.43
被写界深度 (mm)	DOF @PCoC $\phi$ 0.04mm	0.880
分解能 ( $\mu$ m)	Resolution @ $\lambda=550$ nm	7.4
前側/後側主点位置 (mm)	Front/Rear Principal Position	25.15/-77.74
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	58,703,594.32/-8.67
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	5,324,393.35/6.26
テレセントリシティー (deg.)	Telecentricity	0.001(1/3Inch) 0.003(1/2Inch) 0.004(1/1.8Inch) 0.008(2/3Inch)
光学ディストーション (%)	Optical Distortion	0.007(1/3Inch) 0.010(1/2Inch) 0.011(1/1.8Inch) 0.011(2/3Inch)
周辺光量比 (%)	Relative Illumination	99.59(1/3Inch) 99.27(1/2Inch) 99.08(1/1.8Inch) 98.63(2/3Inch)
質量 (g)	Weight	120.0/116.0
マウント	Mount	C Mount
イメージサークル径 (mm)	Image Circle	$\phi$ 11
最大適合カメラ	Largest Compatible Camera	2/3 Inch

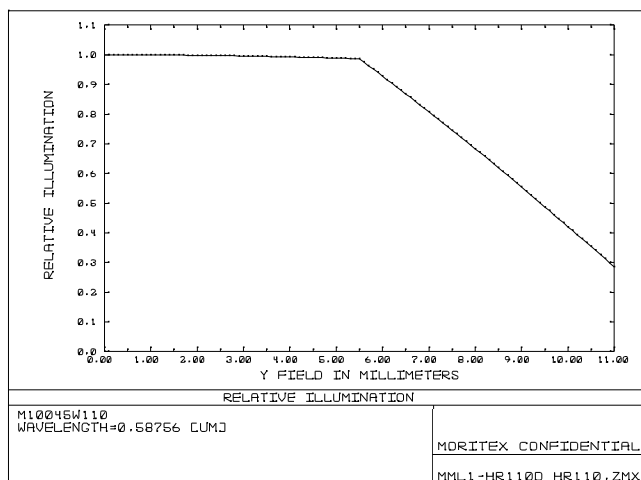
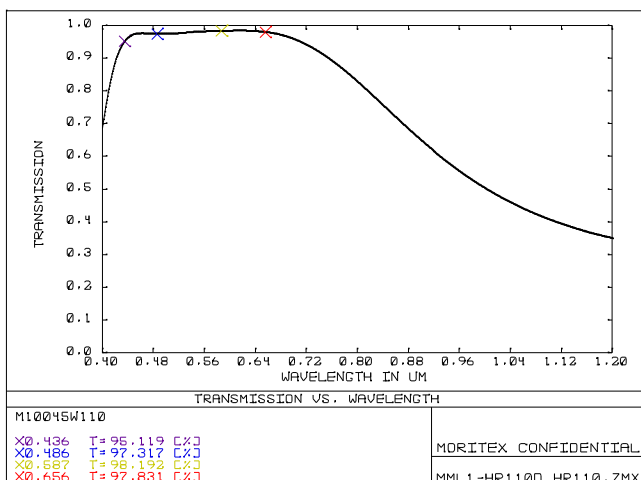
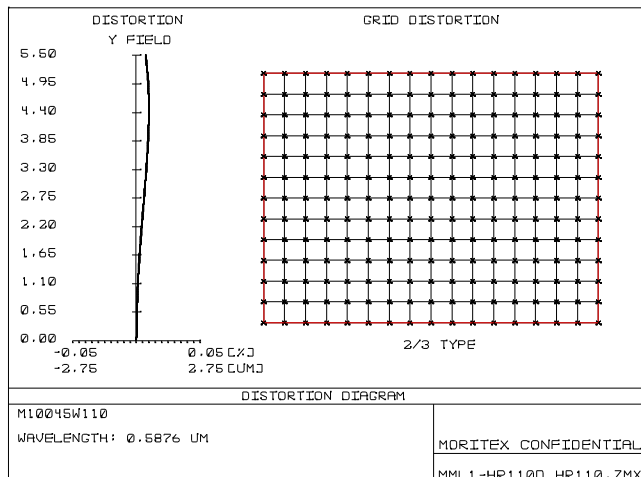
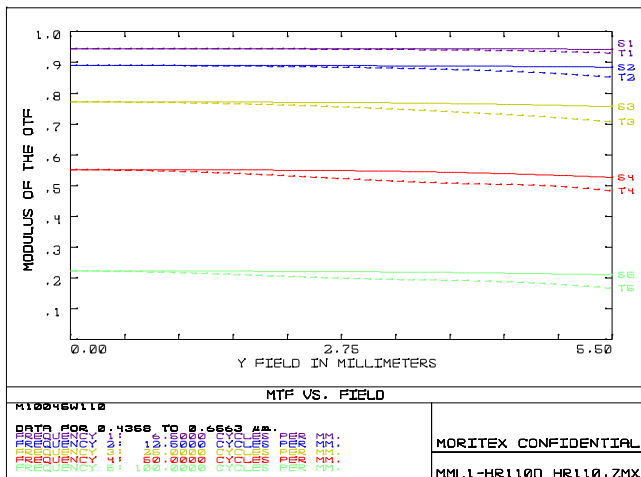
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