

# MML1-HR244D / HR244

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

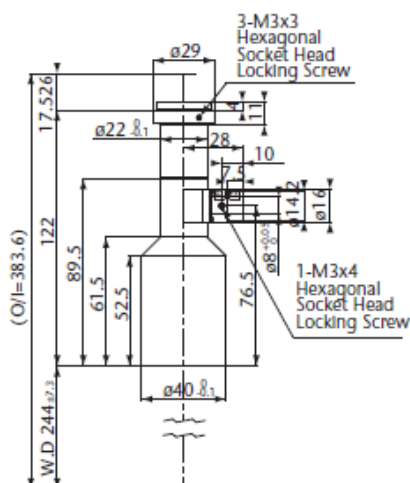
## MML-High Resolution

Drawing No. A21177/A21487

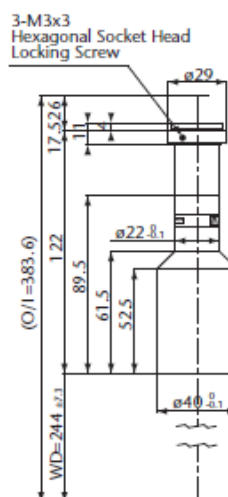


レンズ形式	Lens Type	Fixed Magnification Object Side Telecentric Lens
光学倍率	Magnification	1.00
焦点距離 (mm)	Focal Length	46.73
有効Fno	Effective Fno	12.59
NA	Numerical Aperture	0.040
WD/OD (mm)	Working/Object Distance	244.0/245.7
O/I (mm)	Object to Image Distance	383.60
鏡筒長 (mm)	Mechanical Tube Length	122.00
レンズバック (mm)	Lens Back	36.36
被写界深度 (mm)	DOF @PCoC $\phi 0.04\text{mm}$	1.007
分解能 ( $\mu\text{m}$ )	Resolution @ $\lambda=550\text{nm}$	8.4
前側/後側主点位置 (mm)	Front/Rear Principal Position	-152.22/-57.23
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	2507.29/-11.30
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	219.42/3.79
テレセントリシティー (deg.)	Telecentricity	0.063(1/3Inch) 0.084(1/2Inch) 0.094(1/1.8Inch) 0.116(2/3Inch)
光学ディストーション (%)	Optical Distortion	0.089(1/3Inch) 0.158(1/2Inch) 0.194(1/1.8Inch) 0.293(2/3Inch)
周辺光量比 (%)	Relative Illumination	99.39(1/3Inch) 98.93(1/2Inch) 98.67(1/1.8Inch) 97.99(2/3Inch)
質量 (g)	Weight	155.0/150.0
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

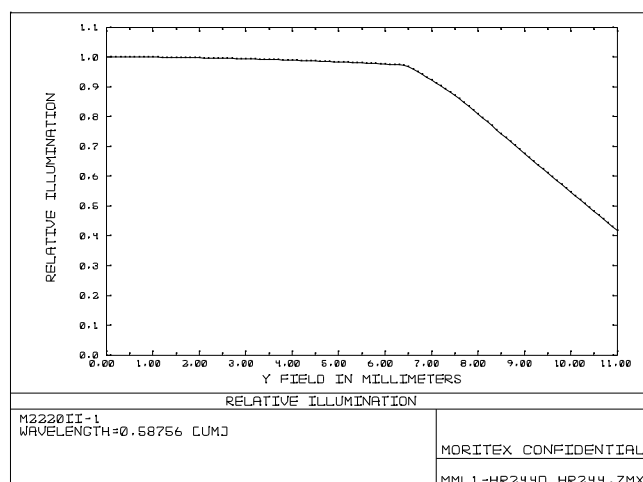
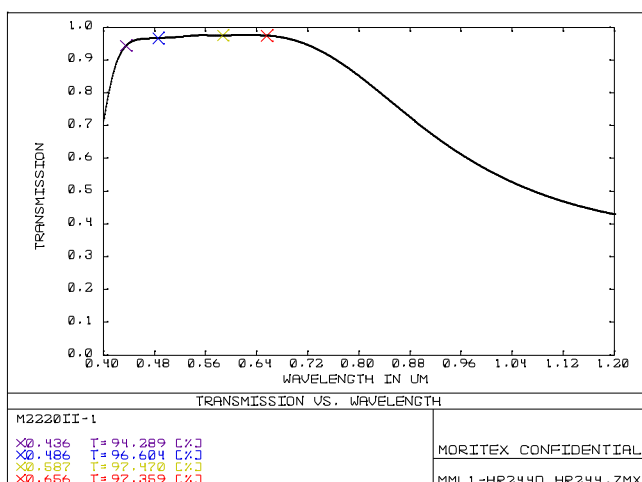
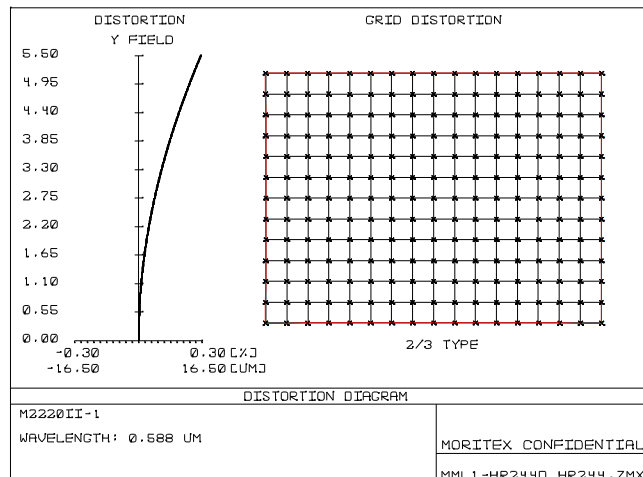
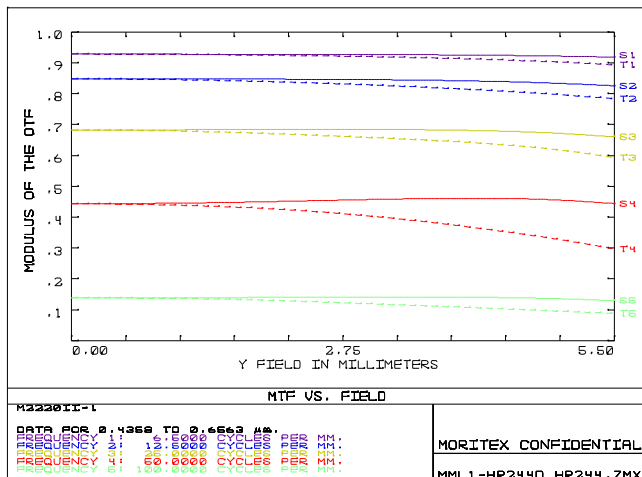
**MML1-HR244D**



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