

# MML8-80D-IR

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

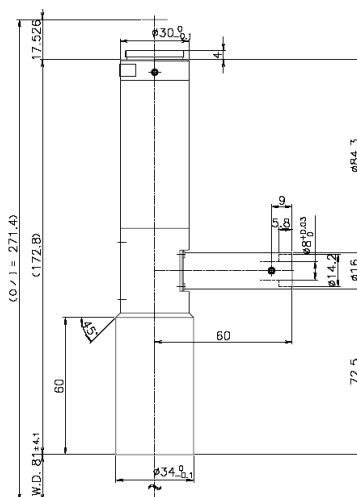
# MML-NIR

Drawing No. A02742

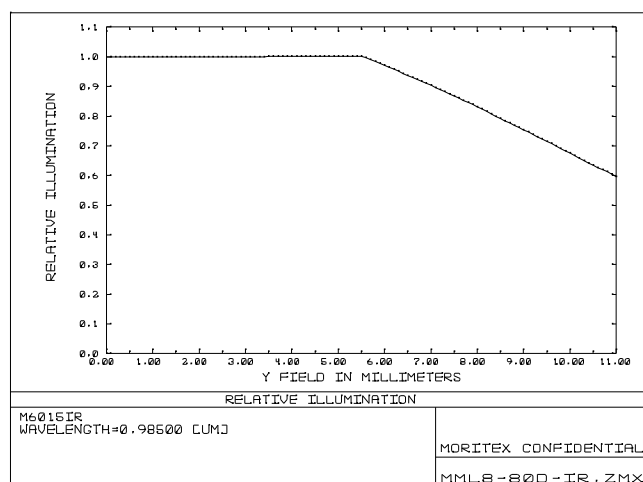
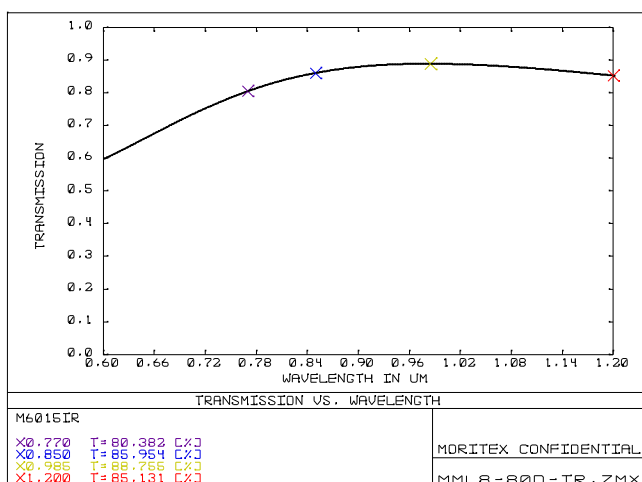
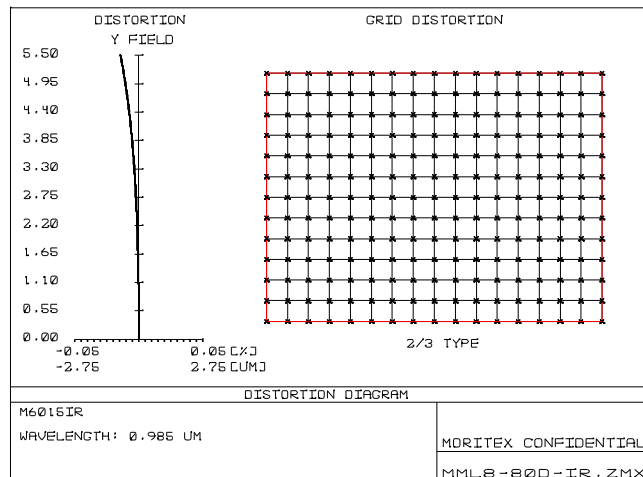
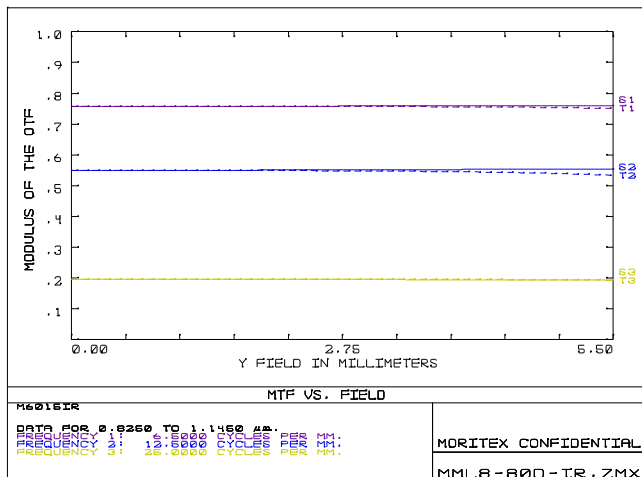


レンズ形式	Lens Type	Fixed Magnification Object Side Telecentric Lens
光学倍率	Magnification	8.00
焦点距離 (mm)	Focal Length	10.97
有効Fno	Effective Fno	26.90
NA	Numerical Aperture	0.150
WD/OD (mm)	Working/Object Distance	81.0/82.0
O/I (mm)	Object to Image Distance	271.40
鏡筒長 (mm)	Mechanical Tube Length	172.80
レンズバック (mm)	Lens Back	72.70
被写界深度 (mm)	DOF @PCoC $\phi$ 0.04mm	0.027
分解能 ( $\mu$ m)	Resolution @ $\lambda=550$ nm	4.0
前側/後側主点位置 (mm)	Front/Rear Principal Position	-69.71/-25.65
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	4,817,390.80/-14.67
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	1,465,831.88/3.34
テレセントリシティー (deg.)	Telecentricity	0.000(1/3Inch) 0.000(1/2Inch) 0.000(1/1.8Inch) 0.000(2/3Inch)
光学ディストーション (%)	Optical Distortion	-0.003(1/3Inch) -0.006(1/2Inch) -0.008(1/1.8Inch) -0.014(2/3Inch)
周辺光量比 (%)	Relative Illumination	100.05(1/3Inch) 100.09(1/2Inch) 100.13(1/1.8Inch) 100.21(2/3Inch)
質量 (g)	Weight	110.0
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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