

# ML-MC1240BR-16C-G

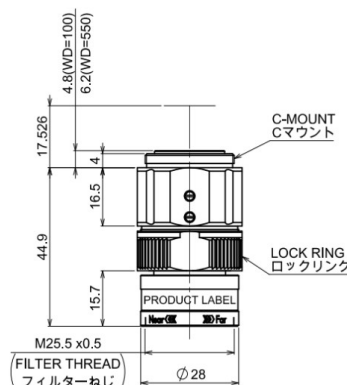
## ML-BR-G series

Drawing No. A24659



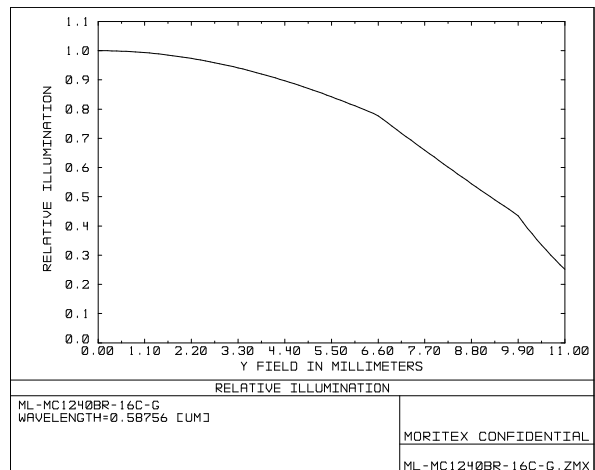
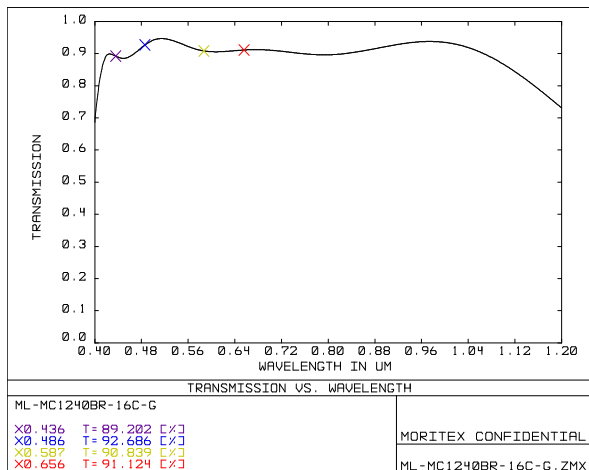
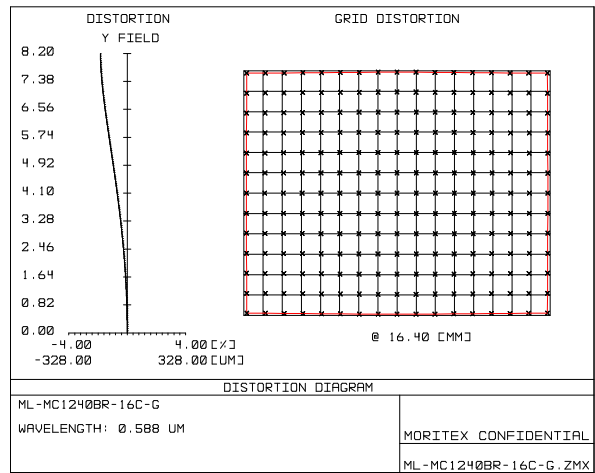
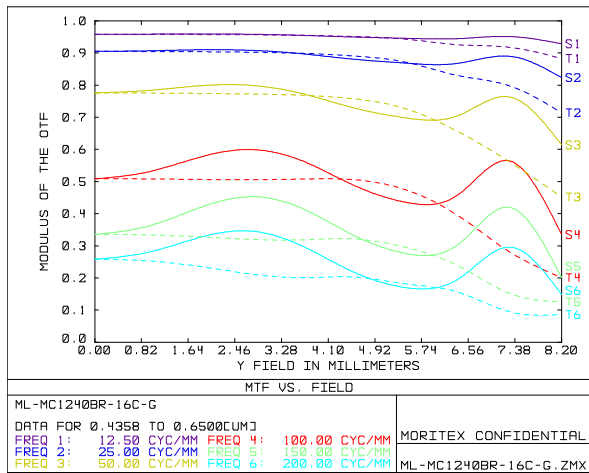
レンズ形式	Lens Type	Macro Lens
光学倍率	Magnification	0.02~0.11
焦点距離 (mm)	Focal Length	12.03~11.80
Fno	Fno	4.00
使用波長域 (nm)	Wavelength range used	400~700
NA	Numerical Aperture	-
WD/OD (mm)	Working/Object Distance	550.0~100.0 / 553.3~103.3
O/I (mm)	Object to Image Distance	612.39~162.39
鏡筒長 (mm)	Mechanical Tube Length	44.90
レンズバック (mm)	Lens Back	13.02~14.40
被写界深度 (mm)	DOF @PCoC $\phi$ 0.04mm	702.353~29.462
分解能 ( $\mu$ m)	Resolution @ $\lambda$ =550nm	-
前側/後側主点位置 (mm)	Front/Rear Principal Position	19.51~19.10 / 0.79~1.33
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	11.37~11.02 / -24.30
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	3.01~2.92 / 9.27
画角 (deg.) H×V	Angle Of View @WD=550	33.35x25.26(1/1.8 Inch) 40.32x30.68(2/3 Inch) 57.74x44.71(1 Inch)
TVディストーション (%)	TV Distortion @WD=550	$\leq -0.315$ (1/1.8 Inch) $\leq -0.428$ (2/3 Inch) $\leq -0.612$ (1 Inch)
周辺光量比 (%)	Relative Illumination @WD=550	$\geq 89.23$ (1/1.8 Inch) $\geq 84.21$ (2/3 Inch) $\geq 60.62$ (1 Inch)
質量 (g)	Weight	73.6
マウント	Mount	C Mount
イメージサークル径 (mm)	Image Circle	$\phi$ 16.4
最大適合カメラ	Largest Compatible Camera	1 Inch

### ML-MC1240BR-16C-G



フォーカス固定リング締め付け推奨トルク 80 CN.M  
 Recommended torque for focus ring: 80 CN.M

### 0.02x Fno4.0



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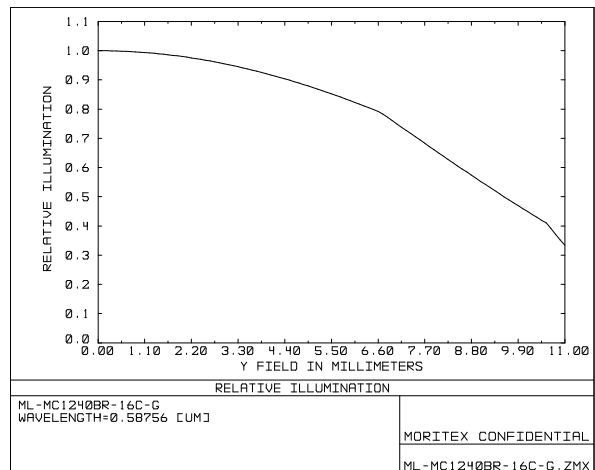
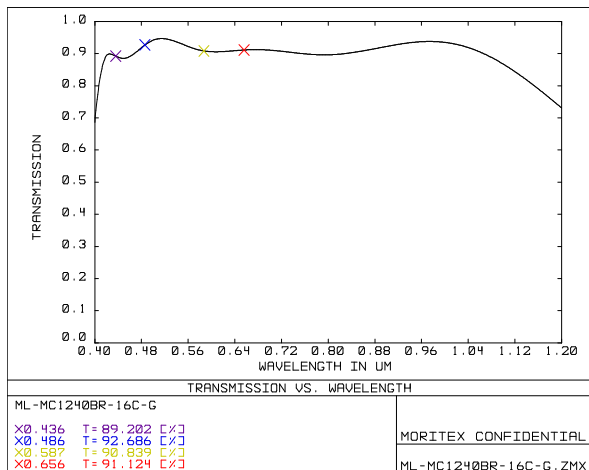
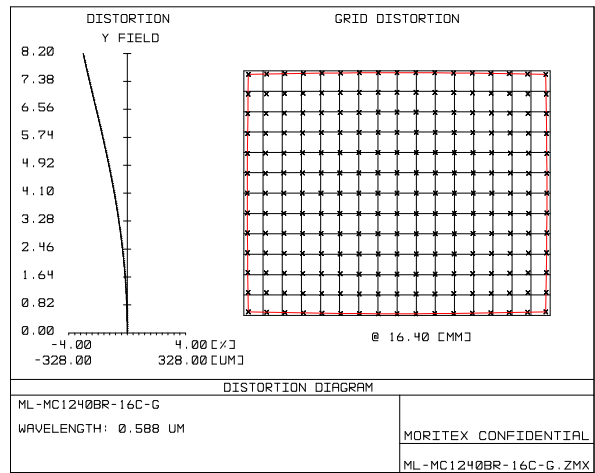
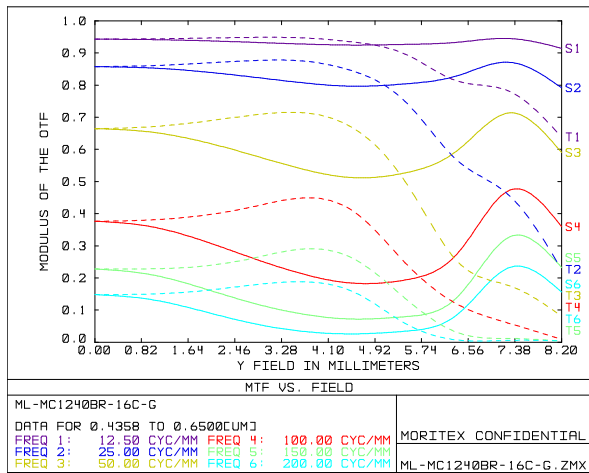
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## 0.11x Fno4.0



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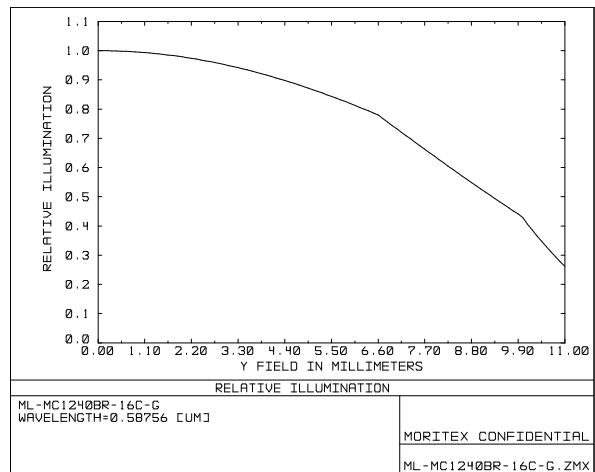
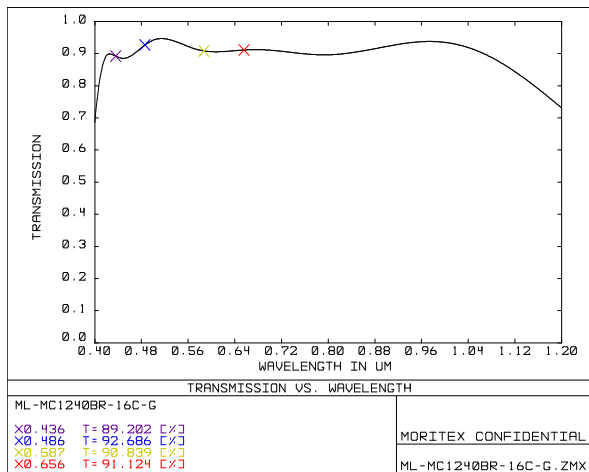
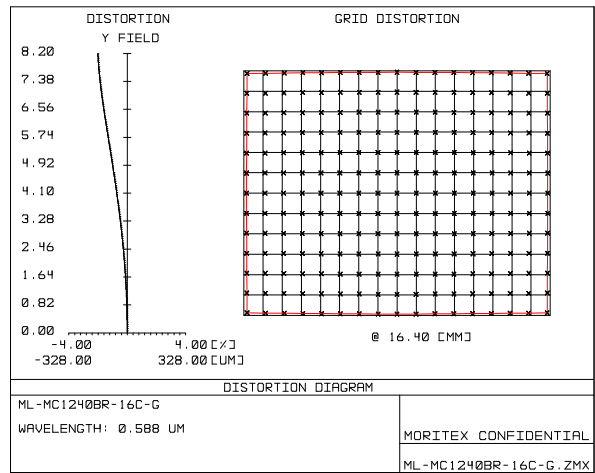
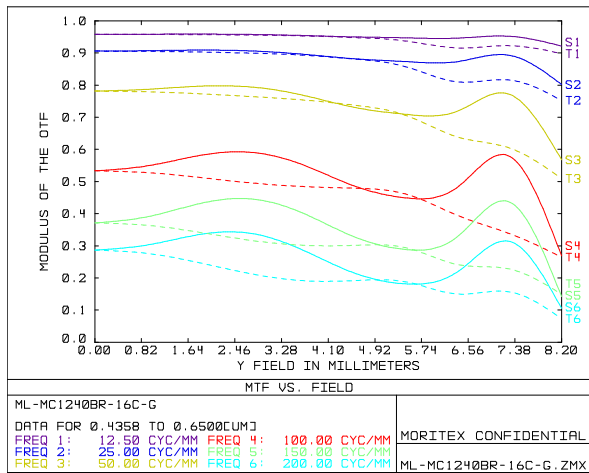
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### 0.03x Fno4.0



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