

# ML-10040-82M39

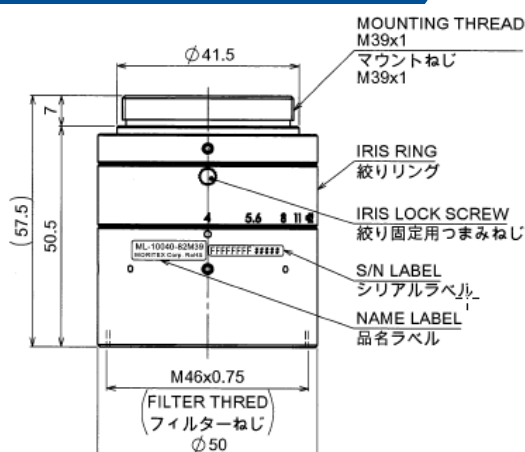
## ML-FF series

Drawing No. A23445

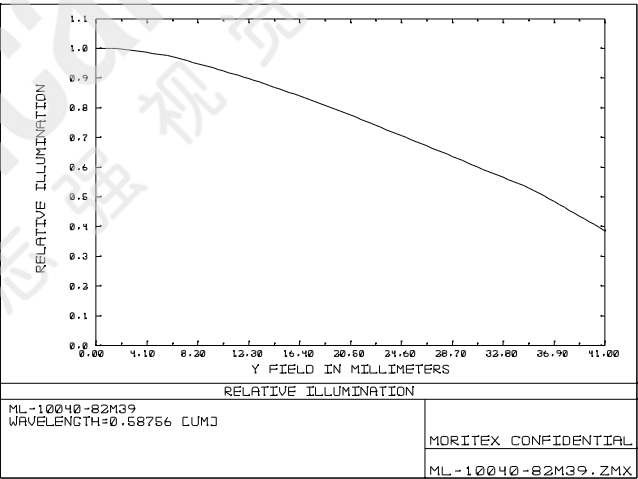
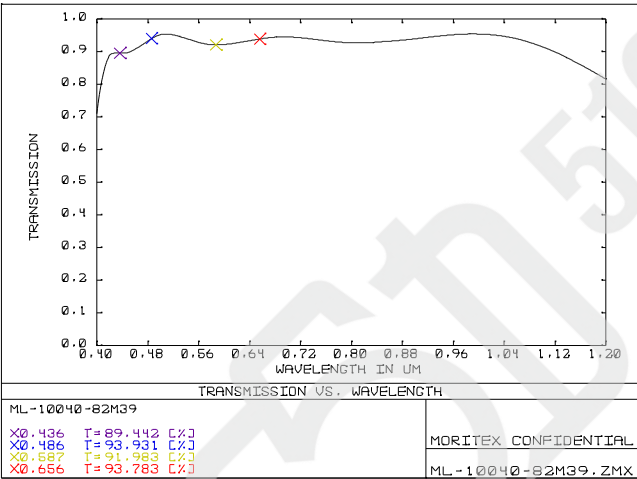
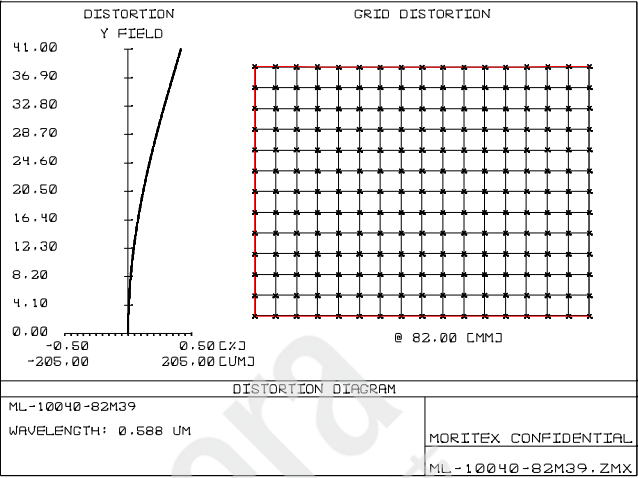
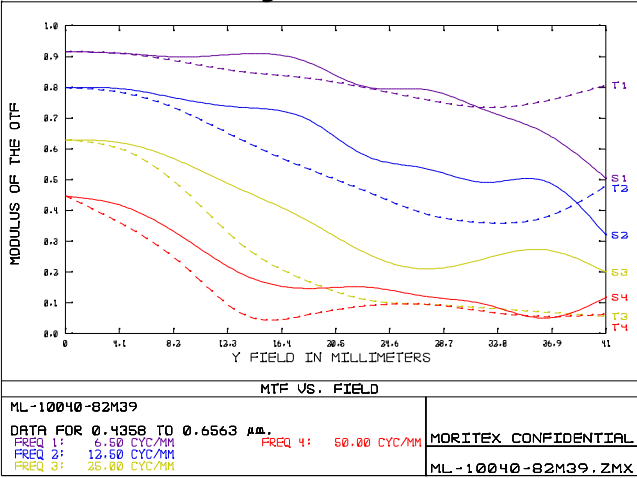


|            | Lens Type                     | Line Scan Lens |          |
|------------|-------------------------------|----------------|----------|
|            | Focus Position                | 300(M.O.D)     | Infinity |
|            | Magnification                 | 0.43           | -        |
| (mm)       | Focal Length                  | 100.00         |          |
| Fno        | Fno                           | 4 22           |          |
| NA         | Numerical Aperture            | 0.037          | -        |
| WD/OD (mm) | Working/Object Distance       | 300.0 / 305.0  | -/-      |
| O/I (mm)   | Object to Image Distance      | 471.24         | -        |
| (mm)       | Mechanical Tube Length        | 50.50          |          |
| (mm)       | Lens Back                     | 113.24         | 70.40    |
| (mm)       | DOF @PCoC 0.04mm              | 0.560          | -        |
| (μm)       | Resolution @ =550nm           | 9.1            | -        |
| / (mm)     | Front/Rear Principal Position | 26.98 / -29.54 |          |
| / (mm)     | Entrance/Exit Pupil Position  | 29.90 / -26.70 |          |
| / (mm)     | Entrance/Exit Pupil Diameter  | 24.95 / 24.24  |          |
| (deg.)     | Angle of view                 | 25.61          | 36.24    |
| (%)        | Optical Distortion            | -0.108         | 0.414    |
| (%)        | Relative Illumination         | 65.45          | 38.96    |
| (g)        | Weight                        | 240            |          |
|            | Mount                         | M39x1          |          |
| (mm)       | Image Circle                  | φ82            |          |
|            | Largest Compatible Camera     | 16K5um         |          |

### ML-10040-82M39



WD=Infinity Fno4.0



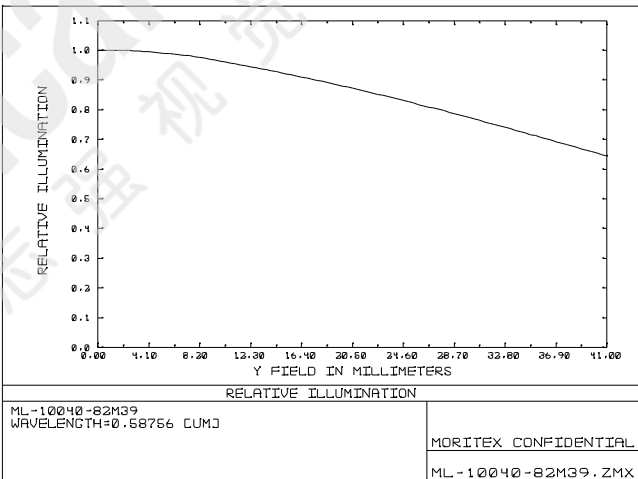
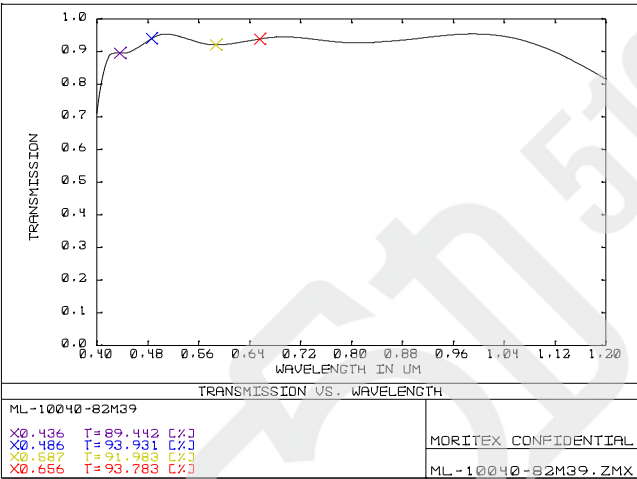
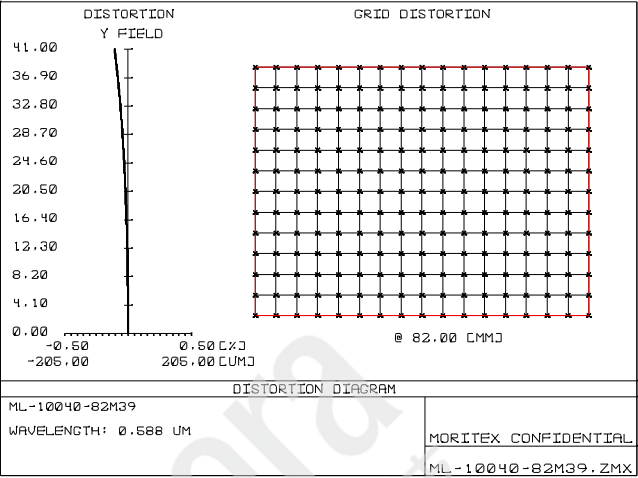
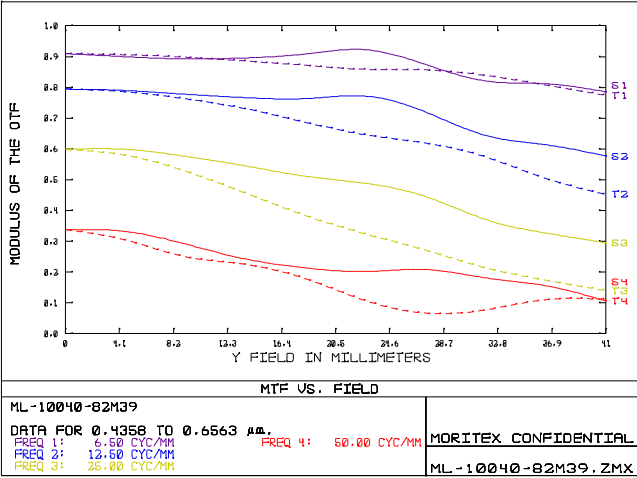
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0.43x Fno4.0



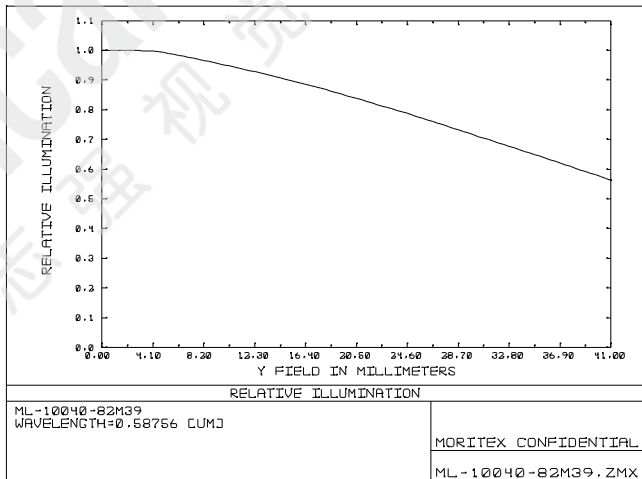
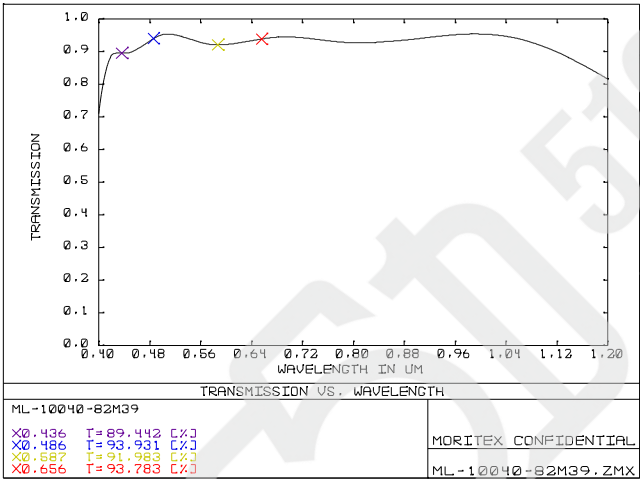
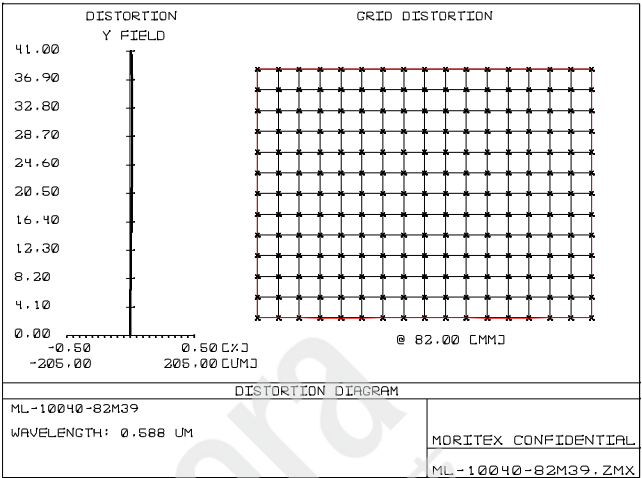
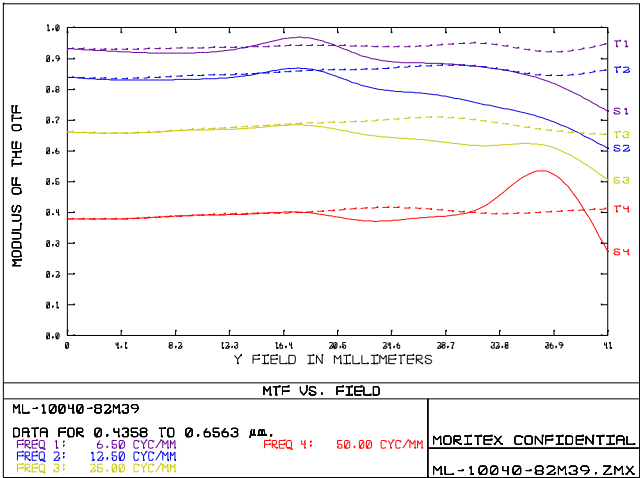
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0.23x Fno4.0



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