

MML03-HR110D-5M / HR110-5M

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

MML-High Resolution 5M

Drawing No. A04079/A04080



| レンズ形式 | Lens Type | Fixed Magnification Object Side Telecentric Lens |
|-------------------|-------------------------------|---|
| 光学倍率 | Magnification | 0.30 |
| 焦点距離 (mm) | Focal Length | 239.90 |
| 有効Fno | Effective Fno | 7.00 |
| NA | Numerical Aperture | 0.021 |
| WD/OD (mm) | Working/Object Distance | 110.0/112.0 |
| O/I (mm) | Object to Image Distance | 269.90 |
| 鏡筒長 (mm) | Mechanical Tube Length | 142.40 |
| レンズバック (mm) | Lens Back | 44.19 |
| 被写界深度 (mm) | DOF @PCoC ϕ 0.04mm | 6.200 |
| 分解能 (μ m) | Resolution @ $\lambda=550$ nm | 15.7 |
| 前側/後側主点位置 (mm) | Front/Rear Principal Position | 929.56/-267.52 |
| 入射/出射瞳位置 (mm) | Entrance/Exit Pupil Position | 4,278.77/-43.65 |
| 入射/出射瞳径 (mm) | Entrance/Exit Pupil Diameter | 188.14/12.58 |
| テレセントリシティー (deg.) | Telecentricity | 0.110(1/3Inch) 0.126(1/2Inch) 0.126(1/1.8Inch) 0.126(2/3Inch) |
| 光学ディストーション (%) | Optical Distortion | 0.011(1/3Inch) 0.021(1/2Inch) 0.027(1/1.8Inch) 0.043(2/3Inch) |
| 周辺光量比 (%) | Relative Illumination | 100.36(1/3Inch) 100.67(1/2Inch) 100.87(1/1.8Inch) 101.38(2/3Inch) |
| 質量 (g) | Weight | 212.0/209.0 |
| マウント | Mount | C Mount |
| イメージサークル径 (mm) | Image Circle | ϕ 11 |
| 最大適合カメラ | Largest Compatible Camera | 2/3 Inch |



