

# MML2-ST110DS / ST110S

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

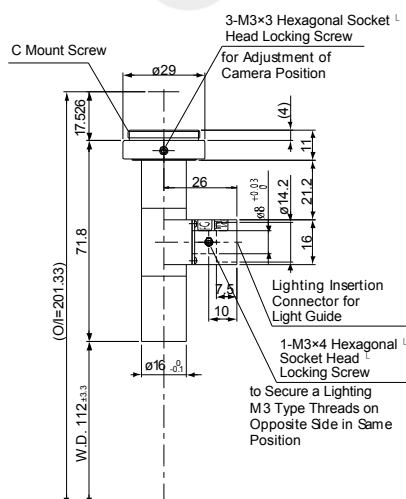
## MML-Standard

Drawing No. A03935/A03936

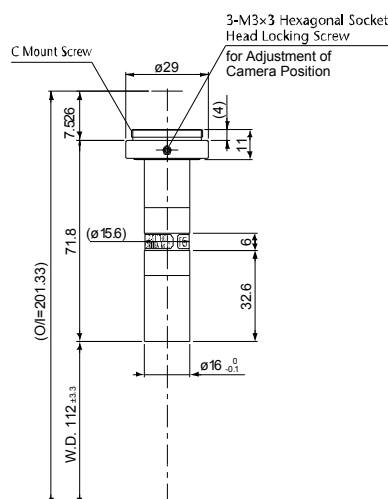


| レンズ形式                 | Lens Type                           | Fixed Magnification Object Side Telecentric Lens |
|-----------------------|-------------------------------------|--------------------------------------------------|
| 光学倍率                  | Magnification                       | 2.00                                             |
| 焦点距離 (mm)             | Focal Length                        | 22.20                                            |
| 有効Fno                 | Effective Fno                       | 33.20                                            |
| NA                    | Numerical Aperture                  | 0.030                                            |
| WD/OD (mm)            | Working/Object Distance             | 112.0/115.2                                      |
| O/I (mm)              | Object to Image Distance            | 201.33                                           |
| 鏡筒長 (mm)              | Mechanical Tube Length              | 71.80                                            |
| レンズバック (mm)           | Lens Back                           | 41.13                                            |
| 被写界深度 (mm)            | DOF @PCoC $\phi 0.04\text{mm}$      | 0.660                                            |
| 分解能 ( $\mu\text{m}$ ) | Resolution @ $\lambda=550\text{nm}$ | 11.2                                             |
| 前側/後側主点位置 (mm)        | Front/Rear Principal Position       | -81.83/-25.65                                    |
| 入射/出射瞳位置 (mm)         | Entrance/Exit Pupil Position        | 1,367.23/-3.74                                   |
| 入射/出射瞳径 (mm)          | Entrance/Exit Pupil Diameter        | 89.05/1.35                                       |
| テレセントリシティー (deg.)     | Telecentricity                      | 0.060(1/3Inch) 0.081(1/2Inch)                    |
| 光学ディストーション (%)        | Optical Distortion                  | 0.016(1/3Inch) 0.024(1/2Inch)                    |
| 周辺光量比 (%)             | Relative Illumination               | 99.21(1/3Inch) 98.61(1/2Inch)                    |
| 質量 (g)                | Weight                              | 39.0/34.0                                        |
| マウント                  | Mount                               | C Mount                                          |
| イメージサークル径 (mm)        | Image Circle                        | $\phi 8$                                         |
| 最大適合カメラ               | Largest Compatible Camera           | 1/2 Inch                                         |

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