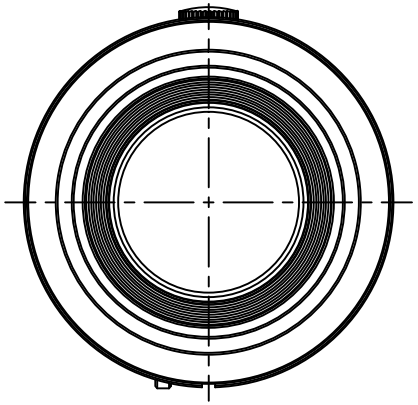

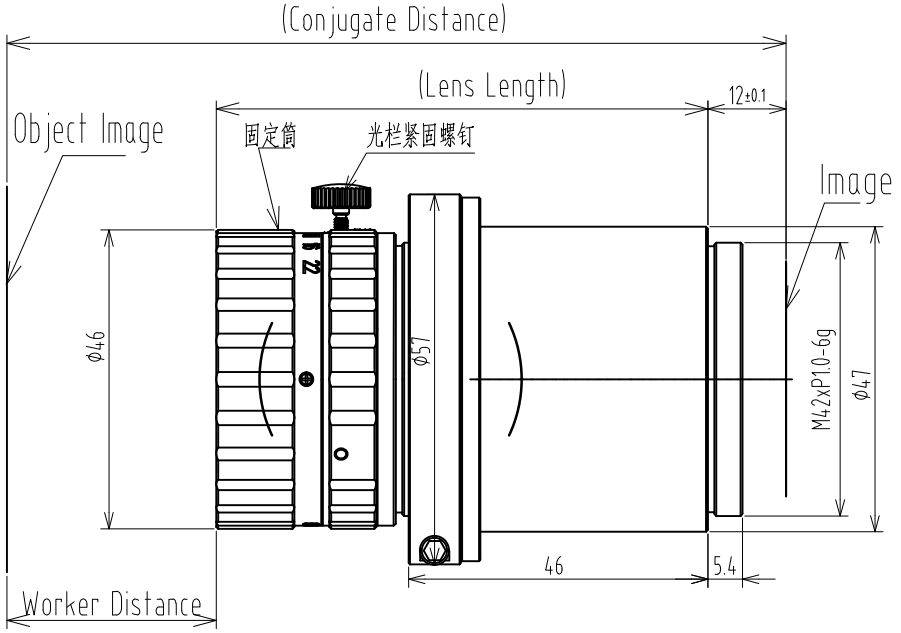


| Main Specification | | | |
|---|---|---|---|
| Magnification | 0.04X | 0.1X | 0.33X |
| Working Distance | 1550±5 | 640±5 | 222±5 |
| Image Distance | 47.2±2.5 | 50.9±2.5 | 64.6±2.5 |
| Conjugate Distance | 1629.1±9 | 722.8±9 | 318.5±9 |
| Flange Focal Distance | 12mm | | |
| Max image | ϕ62 | | |
| F/# | 4.0 | | |
| EFL | 60 | | |
| FOV | 49° | | |
| ENP Diameter | 13.1 | | |
| Distortion | 0.1% | | |
| Structcure | 6G | | |
| IMAGE QUALITY | | | |
| AXIS | ϕ21 | ϕ30 | ϕ43 |
| 125lp/mm | 125lp/mm | 125lp/mm | 100lp/mm |

| 倍率（β） | 共轭距（I/O） | 工作距（WD） | 镜头长度（L） | Φ43.27 视场 | Φ57 视场 | Φ60 视场 |
|---|---|---|---|---|---|---|
| **0.04x** | 1629.1 | 1550 | 79.1 | 1081.8 | 1425 | 1500 |
| **0.05x** | 1329.7 | 1250 | 79.7 | 865.4 | 1140 | 1200 |
| **0.06x** | 1130.3 | 1050 | 80.3 | 721.2 | 950 | 1000 |
| **0.07x** | 980.9 | 900 | 80.9 | 618.1 | 814.3 | 857.1 |
| **0.08x** | 876.5 | 795 | 81.5 | 540.9 | 712.5 | 750 |
| **0.09x** | 792.1 | 710 | 82.1 | 480.8 | 633.3 | 666.7 |
| **0.1x** | 722.8 | 640 | 82.8 | 432.7 | 570 | 600 |
| **0.11x** | 673.3 | 590 | 83.3 | 393.4 | 518.2 | 545.5 |
| **0.12x** | 625.9 | 542 | 83.9 | 360.6 | 475 | 500 |
| **0.13x** | 587.5 | 503 | 84.5 | 332.8 | 438.5 | 461.5 |
| **0.14x** | 555.1 | 470 | 85.1 | 309.3 | 407.1 | 428.6 |
| **0.15x** | 525.8 | 440 | 85.8 | 288.5 | 380 | 400 |
| **0.18x** | 445.1 | 357 | 88.1 | 240.4 | 316.7 | 333.3 |
| **0.21x** | 415.4 | 326 | 89.4 | 206 | 271.4 | 285.7 |
| **0.24x** | 381.2 | 290 | 91.2 | 180.3 | 237.5 | 250 |
| **0.27x** | 356 | 263 | 93 | 160.3 | 211.1 | 222.2 |
| **0.30x** | 334.8 | 240 | 94.8 | 144.2 | 190 | 200 |
| **0.33x** | 318.5 | 222 | 96.5 | 131.1 | 172.7 | 181.8 |

| 标记 | 处数 | 更改文件号 | 担当 | 变更日期 |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | ## | ## | ## |

TOLERANCE:
. LINEARITY TOLERANCES ±0.05
. ANGULAR TOLERANCES ARE±30'
. DRAFT ANGLES AREA±0.5°/SIDE

三角法

| | | |
|---|---|---|
| 设计 | CHKP | |
| 校对 | | |
| 审核 | | |
| 批准 | | |

| | | | |
|---|---|---|---|
| 材料(环保) | 单位 | 比例 | |
| | mm | 1:1 | |
| 名称 | LS6040A技术规格图 | 页码 | 1/1 |
| 代号 | LS6040A-0.1X-M42-SPEC | 版本 | V0 |

A4