



剖面 A-A

NOTES:

1. DESIGN WAVELENGTH: 488 nm, 707 nm&1064 nm
2. CLEAR APERTURE: $>90\%$ CA
3. OPERATION WAVELENGTH: 400 nm–1100 nm
4. DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
5. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
6. FOCAL LENGTH: $25.0\text{ mm} \pm 1\%$ @707 nm
7. BACK FOCAL LENGTH: 21.89 mm
8. SURFACE QUALITY (S/D) (S1,S2) : 40/20
9. SURFACE POWER (S1,S2) : $3\lambda/2$ @632.8 nm
10. SURFACE IRREGULARITY (S1,S2) : $\lambda/4$ @632.8 nm
11. CENTRATION: $<3\text{ arcmin}$
12. CHAMFER: $<0.2\text{ mm}$, 45°
13. AR COATING (S1,S2) : $R_{\text{avg}} < 1\%$ @400 nm–1100 nm, 0° AOI

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| | MATERIAL |
| ① | N-LAK10 |
| ② | N-SF57 |

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|--|--------|-------------|--|---|--------|-------|-----|
| DRAWING PROJECTION | | | | <h1 style="color: red; margin: 0;">LBTEK</h1> | | | |
| | NAME | DATE | | | | | |
| DRAWN | SHAN | SEP./9th/24 | | ACHROMATIC DOUBLETS | | | |
| APPROVAL | WCHENG | SEP./9th/24 | | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | | N-LAK10/N-SF57 | 2.45g | 5:1 | A |