



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm–1100 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
4. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
5. FOCAL LENGTH: $125.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 123.9 mm
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2): $3\lambda/2 @ 632.8\text{ nm}$
10. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8\text{ nm}$
11. CENTRATION: $<3\text{ arcmin}$
12. CHAMFER: $<0.2\text{ mm}, 45^\circ$
13. COATING(S1,S2): AR COATING $R_{avg} <0.5\% @ 700\text{ nm} - 1100\text{ nm}$

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| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | BSHU | JUL./29th/24 | $\varnothing 25.4\text{ mm}, F=125.0\text{ mm}$ BI-CONVEX LENS AR COATING 700–1100 nm | | | |
| APPROVAL | WCHENG | JUL./29th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7 | 3.24g | 10:1 | A |