



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400-1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THKKNES TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: $f=40.1 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=38.1 \text{ mm}$
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8 \text{ nm}$
11. SURFACE RREGULARITY(S2): $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION: $<3 \text{ arcmin}$
13. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
14. AR COATNG(S1, S2): $R_{avg} < 1\% @ 400-1100 \text{ nm}$ (6° AOI , single)

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|--------------------------------------------------------|------|--------------|-------------------|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | AGAO | MAY./22th/25 | PLANO CONVEX LENS | | | |
| APPROVAL | SHAN | MAY./22th/25 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | UVFS | 0.66g | 5:1 | A |