



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE: +0.0/-0.1mm
4. THICKNESS TOLERANCE: ±0.1mm
5. FOCAL LENGTH: -75.0mm±1%
6. BACK FOCAL LENGTH(REF): -77.0mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2$ @ 632.8nm
10. SURFACE POWER(S2): $3\lambda/2$ @ 632.8nm
11. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8nm
12. CENTRATION: <3arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING Ra_vg <0.5% @ 400nm-700nm

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|--------------------------------------------------------|---------|------------|--------------------------------------------------------------------------|--------|-------|-----|
| DRAWING PROJECTION | | | cruis-optics.com | | | |
| | NAME | DATE | | | | |
| DRAWN | WENSHUO | 2024/08/26 | ϕ 25.4 mm, f=-75.0 mm PLANO CONCAVE LENS AR COATING 400-700nm | | | |
| APPROVAL | SHAWN | 2024/08/26 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7 | | 2:1 | A |