



1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm–1100 nm
3. DIAMETER TOLERANCE: +0.0/–0.1 mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=35.1$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=29.5$ mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2$ @ 632.8 nm
10. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
11. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING $R_{avg}<0.5\%$ @ 700 nm–1100 nm

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| DRAWING PROJECTION | | | OLBQ-254-35-B | | Zolix | | | |
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| | NAME | DATE | PLANO CONVEX LENS | | MATERIAL | WEIGHT | SCALE | REV |
| DRAWN | JAC | 18th/JUL./2025 | | | FOLLOW THE PARTS | | 5:1 | 1.0 |
| APPROVAL | OLI | 18th/JUL./2025 | | | shop.zolix.com.cn | | | |
| THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION | | | | | | | | |