



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: $f=150.0$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=141.1$ 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

DRAWING PROJECTION			OLB-750-150-B					
DRAWN	JAC	18th/JUL./2025		MATERIAL	WEIGHT	SCALE	REV	
APPROVAL	OLI	18th/JUL./2025		FOLLOW THE PARTS		5:1	1.0	
THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION				PLANO CONVEX LENS		shop.zolix.com.cn		