



1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm–700 nm
3. DIAMETER TOLERANCE: +0.0/–0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: $f=150.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=141.1 \text{ mm}$
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 IRREGULARITY(S2): $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION: $<3 \text{ arcmin}$
13. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
14. COATING(S1,S2): AR COATING $R_{avg} < 0.5\% @ 400 \text{ nm} - 700 \text{ nm}$

DRAWING PROJECTION			OLB-750-150-A		Zolix			
	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								