



NOTES

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: 25.0 mm±1%
6. BACK FOCAL LENGTH(REF): 23.8 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2): $3 \lambda / 2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY(S2): $\lambda / 4 @ 632.8 \text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{avg} < 0.5\% @ 400 \text{ nm} - 700 \text{ nm}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BCX10305–A			
DRAWN	BSHU	JUL./29th/24	$\phi 12.7 \text{ mm}, F=25.0 \text{ mm}$ BI-CONVEX LENS AR COATING 400–700nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N–BK7	0.80g	10:1	A