



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: $30.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 28.9 mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{\text{avg}} < 0.5\%$ @ 400 nm–700 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BCX10307-A			
DRAWN	BSHU	JUL./29th/24	$\phi 12.7\text{ mm}, F=30.0\text{ mm}$ 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	0.76g	10:1	A