



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm-1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. CLEAR APERTURE: >90%CA
5. THICKNESS TOLERANCE: ± 0.1 mm
6. FOCAL LENGTH: $f=50.0$ mm $\pm 1\%$
7. BACK FOCAL LENGTH(REF): $bf=48.1$ mm
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 $R_{avg}<0.5\%$ @700-1100 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX10310-B			
DRAWN	BSHU	JUL./24th/24	$\phi 12.7$ mm, $f=50$ mm PLANO CONVEX LENS AR COATING 700-1100 nm			
APPROVAL	WCHENG	JUL./24th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	0.68g	5:1	A