



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=100\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=96.5$ 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): UNCOATED

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX10713			
DRAWN	BSHU	JUL./22th/24	$\phi 30$ mm, $f=100$ mm PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	JUL./22th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	6.4 g	2:1	A