



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm–2.0 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. CLEAR APERTURE: >90%CA
5. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
6. FOCAL LENGTH: $f=25.4\text{ mm}\pm 1\%$
7. BACK FOCAL LENGTH(REF): $bf=17.7\text{ mm}$
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): UNCOATED

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX10506			
DRAWN	BSHU	JUL./19th/24	$\varnothing 25\text{ mm}, f=25.4\text{ mm}$ PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	JUL./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	9.49 g	2:1	A