



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. DIAMETER TOLERANCE:  $+0.0/-0.1\text{ mm}$
3. THICKNESS TOLERANCE:  $\pm 0.1\text{ mm}$
4. FOCAL LENGTH:  $f=30.0\text{ mm}\pm 1\%$
5. BACK FOCAL LENGTH(REF):  $bf=24.2\text{ mm}$
6. CLEAR APERTURE:  $>90\%CA$
7. SURFACE QUALITY(S/D)(S1,S2): 40/20
8. SURFACE FLATNESS(S1):  $\lambda/2 @ 632.8\text{ nm}$
9. SURFACE POWER(S2):  $3\lambda/2 @ 632.8\text{ nm}$
10. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8\text{ nm}$
11. CHAMFER:  $0.2\text{ mm}, 45^\circ$
12. COATING(S1,S2): AR COATING  $R_{avg}<0.5\% @ 700\text{ nm}-1100\text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	CX10607-B			
DRAWN	BSHU	JUL./24th/24	$\varnothing 25.4\text{ mm}, f=30\text{ mm}$ 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	6.89g	2:1	A