



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0  $\mu\text{m}$
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
5. FOCAL LENGTH:  $f=50.0\text{mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=48.1\text{mm}$
7. CLEAR APERTURE:  $>90\%CA$
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			<b>LBTEK</b>			
	NAME	DATE	CX10310			
DRAWN	BSHU	JUL./19th/24	$\phi 12.7\text{mm}, f=50\text{mm}$ PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	JUL./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	0.68 g	5:1	A