



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 200 nm–8.0  $\mu\text{m}$
3. DIAMETER TOLERANCE: +0.0/–0.1 mm
4. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
5. FOCAL LENGTH:  $f=75.0\text{mm}\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=71.8\text{mm}$
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	CX70612			
DRAWN	BSHU	JUL./24th/24	$\varnothing 25.4\text{mm}, f=75\text{mm}$ PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	JUL./24th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			CaF2	8.09 g	2:1	A