



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1650 nm-3000 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=300.0$  mm  $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=298.9$  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,  $45^\circ$
14. COATING(S1,S2):  $R_{avg} <1\% @ 1650$  nm -3000 nm

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	CX70619-D			
DRAWN	BSHU	JUL./24th/24	$\phi 25.4$ mm, $f=300.0$ mm PLANO CONVEX LENS 1650 nm -3000 nm			
APPROVAL	WCHENG	JUL./24th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			CaF2	1.62g	2:1	A