



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm–1100 nm
3. DIAMETER TOLERANCE: +0.0/–0.1 mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $-75.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $-77.0$  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): AR COATING  $R_{avg} < 0.5\% @ 700\text{ nm}–1100\text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	CC10612–B			
DRAWN	BSHU	JUL./29th/24	$\phi 25.4$ mm, $f=-75.0$ mm PLANO CONCAVE LENS AR COATING 700–1100nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N–BK7	5.64g	2:1	A