



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $50.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 48.2 mm
7. CLEAR APERTURE:  $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2):  $3\lambda/2 @ 632.8$  nm
10. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8$  nm
11. CENTRATION:  $<3$  arcmin
12. CHAMFER:  $<0.2$  mm,  $45^\circ$
13. COATING(S1,S2): AR COATING  $R_{avg} < 0.5\% @ 400\text{ nm}-700\text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	BCX10610-A			
DRAWN	BSHU	JUL./29th/24	$\phi 25.4\text{ mm}, F=50.0\text{ mm}$ BI-CONVEX LENS AR COATING 400-700nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	4.48g	10:1	A