



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: ± 0.1 mm
5. FOCAL LENGTH: $175.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 174.0 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°
13. COATING(S1, S2): AR COATING $R_{avg} < 0.5\% @ 700$ nm–1100 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BCX10616-B			
DRAWN	BSHU	JUL./29th/24	$\varnothing 25.4$ mm, $F=175.0$ mm BI-CONVEX LENS AR COATING 700–1100nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	3.02g	10:1	A