



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1100 nm–1650 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
4. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
5. FOCAL LENGTH: $40.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 36.3 mm
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): 20/10
9. SURFACE POWER(S2): $3\lambda/2 @ 632.8\text{ nm}$
10. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8\text{ nm}$
11. CENTRATION: $<3\text{ arcmin}$
12. CHAMFER: $<0.2\text{ mm}, 45^\circ$
13. COATING(S1,S2): AR COATING $R_{\text{avg}} <0.5\% @ 1100\text{ nm}-1650\text{ nm}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BFCX10609-C			
DRAWN	BSHU	JUL./29th/24	$\phi 25.4\text{ mm}, F=40.0\text{ mm}$ BEST FORM LENS AR COATING 1100–1650 nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	5.47g	2:1	A