



NOTES

1. MATERIAL: N-BK7
2. DESIGN WAVELENGTH: 587.6 nm
3. WORKING WAVELENGTH: 700 nm-1100 nm
4. FOCAL LENGTH: 50.0 mm
5. FOCAL LENGTH TOLERANCE(REF): $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=45.5$ mm
7. CLEAR APERTURE: $>90\%$ OF SURFACE LENGTH AND HEIGHT
8. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
9. THICKNESS TOLERANCE: ± 0.2 mm
10. CHAMFER: <0.2 mm, 45°
11. SURFACE QUALITY: 60/40 SCRATCH/DIG
12. SURFACE FLATNESS(S1): $\lambda/2$
13. SURFACE POWER(S2): $3\lambda/2$
14. SURFACE IRREGULARITY(S2): λ (S2 H), λ (S2 L)
15. CENTRATION: ≤ 5 arcmin
16. COATING: $R_{avg} < 0.5\%$ @ 700 nm-1100 nm, 6° AOI

DRAWING PROJECTION			LBTEK			
		NAME	DATE	CY108112-B		
DRAWN	BSHU	JUL./29th/24	H x L = 30.0 mm x 32.0 mm, f = 50.0 mm PLANO CONVEX CYLINDRICAL LENS AR COATING 700-1100 nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	12.33g	10:1	C