



NOTES

1. MATERIAL: N-BK7
2. DESIGN WAVELENGTH: 587.6 nm
3. WORKING WAVELENGTH: 650 nm-1050 nm
4. FOCAL LENGTH: 250.0 mm
5. FOCAL LENGTH TOLERANCE(REF): $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=245.7$ 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): $\lambda/4(S2 H), \lambda/4(S2 L)$
15. CENTRATION: ≤ 5 arcmin
16. AR COATING: $R_{avg} < 0.5\%$ @ 650 nm-1050 nm, 6° AOI

DRAWING PROJECTION			LBTEK			
		NAME	DATE	CY112125-B		
DRAWN	LTAN	JUN./23rd/25	$H \times L = 60.0 \text{ mm} \times 62.0 \text{ mm}, f = 250.0 \text{ mm}$ PLANO CONVEX CYLINDRICAL LENS AR COATING 650-1050 nm			
APPROVAL	WCHENG	JUN./23rd/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	50 g	1:1	A