



NOTES

1. DESIGN WAVELENGTH: 486.1 nm, 587.6 nm & 656.3 nm
2. CLEAR APERTURE: $>90\%$ CA
3. OPERATION WAVELENGTH: 400 nm–700 nm
4. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
5. THICKNESS TOLERANCE: ± 0.1 mm
6. FOCAL LENGTH: 1000.0 mm $\pm 1\%$ @586.7 nm
7. BACK FOCAL LENGTH(REF): 996.1 mm
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S1,S2): $3\lambda/2$ @632.8 nm
10. SURFACE IRREGULARITY(S1,S2): $\lambda/4$ @632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{avg} < 0.5\%$ @400 nm–700 nm

	MATERIAL
①	N-BK7
②	N-SF2

DRAWING PROJECTION				LBTEK					
		NAME		DATE		AD529-A			
DRAWN		BSHU		Aug./1st/24		$\phi 50.8$ mm, $F=1000.0$ mm ACHROMATIC DOUBLETS AR COATING 400–700 nm			
APPROVAL		WCHENG		Aug./1st/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES				N-BK7/N-SF2		23.55g	1:1	A	