



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: 500.0 mm ±1%@586.7 nm
7. BACK FOCAL LENGTH(REF): 496.1 mm
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S1,S2):  $3\lambda/2@632.8\text{ nm}$
10. SURFACE IRREGULARITY(S1,S2):  $\lambda/4@632.8\text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING  $R_{avg}<0.5\%@400\text{ nm}-700\text{ nm}$

	MATERIAL
①	N-BK7
②	N-SF2

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	AD524-A			
DRAWN	BSHU	Aug./1st/24	$\phi 50.8\text{ mm}, F=500.0\text{ mm}$ 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	22.77g	1:1	A