



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: -75.0 mm $\pm 1\%$ @586.7 nm
7. BACK FOCAL LENGTH(REF): -78.8 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-BAK4
②	SF5

DRAWING PROJECTION				<h1 style="color: red; margin: 0;">LBTEK</h1>			
	NAME	DATE	ADN412-A				
DRAWN	BSHU	Aug./1st/24	$\phi 25.4$ mm, $F=-75.0$ 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-BAK4/SF5	3.77 g	2:1	A	