



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:  $\pm 0.1$  mm
6. FOCAL LENGTH: 75.0 mm  $\pm 1\%$  @ 587.6 nm
7. BACK FOCAL LENGTH(REF): 72.9 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	SF2

DRAWING PROJECTION				<h1 style="color: red; margin: 0;">LBTEK</h1>					
		NAME		DATE		AD312-A			
DRAWN		BSHU		Aug./1st/24		$\phi 12.7$ 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-BK7/SF2	3.62g	10:1	A