



NOTES

1. DESIGN WAVELENGTH: 706.5 nm, 855.0 nm & 1015.0 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 700 nm-1100 nm
4. DIAMETER TOLERANCE: +0.0/-0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 150.0 mm ±1%@855.0 nm
7. BACK FOCAL LENGTH(REF): 145.3 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  $R_{avg}<0.5%@700$  nm-1100 nm

	MATERIAL
①	N-LAK22
②	N-SF6HT

DRAWING PROJECTION				<b>LBTEK</b>					
		NAME		DATE		AD510-B			
DRAWN		BSHU		Aug./5th/24		$\phi 50.8$ mm, F=150.0 mm ACHROMATIC DOUBLETS AR COATING 700-1100 nm			
APPROVAL		WCHENG		Aug./5th/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES				N-LAK22/N-SF6HT		22.81g	1:1	A	