



NOTE

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: $f=135$ mm $\pm 1\%$ @855 nm
7. BACK FOCAL LENGTH(REF): 129.5 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

	PART DESCRIPTION	MATERIAL
①	LENS1	N-LAK22 or H-LAK10
②	LENS2	N-SF10 or H-ZF4A

DRAWING PROJECTION			LBTEK			
	NAME	DATE	AD432-B			
DRAWN	BSHU	Aug./5th/24	$\varnothing 25.4$ mm $F=135$ mm ACHROMATIC DOUBLETS AR COATING: 700 nm–1100 m			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-LAK22/N-SF10	4g	2:1	A