



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTHS: 706.5, 855, AND 1015nm
2. FOCAL LENGTH: 200.0mm ±1% AT 855nm
3. CLEAR APERTURE: >20mm
4. WORKING DISTANCE: 190.8mm REF
5. SURFACE QUALITY: 20-10 SCRATCH-DIG
6. IMAGE SPACE NA: 0.050
7. DESIGN RMS WAVEFRONT ERROR:
$\lambda/20$ OVER DESIGN WAVELENGTH RANGE
8. IRREGULARITY PER SURFACE: $\lambda/4$ AT 633nm
9. COATING (ALL OPTICAL SUFACES): BBAR 650-1050nm $R_{avg} < 0.5\%$

5	RETAINING RING	6061-T6 ALUMINUM
4	SPACER	6061-T6 ALUMINUM
3	LENS 2	H-ZF52GT
2	LENS 1	H-K51
1	HOUSING	6061-T6 ALUMINUM
	ITEM	MATERIAL

DRAWING PROJECTION			LBTEK			
	NAME	DATE	ADA418-B			
DRAWN	BSHU	Aug./5th/24	∅25.4mm, f=200mm AIRSPACED ACHROMAT, BBAR: 650-1050 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	0.014g	2:1	B