



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1650 nm-3000 nm
3. DIAMETER TOLERANCE: +0.0/0.1mm
4. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
5. FOCAL LENGTH:  $f=250.0\text{mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=248.1\text{mm}$
7. CLEAR APERTURE:  $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1):  $\lambda/2 @ 632.8\text{nm}$
10. SURFACE POWER(S2):  $3\lambda/2 @ 632.8\text{nm}$
11. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8\text{nm}$
12. CENTRATION:  $<3\text{arcmin}$
13. CHAMFER:  $<0.2\text{mm}, 45^\circ$
14. COATING(S1,S2): AR COATING  $R_{avg} < 1\% @ 1650\text{nm}-3000\text{nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	BSHU	DEC./20th/24	$\varnothing 25.4\text{mm}, 1=100\text{mm}$ PLANO CONVEX LENS AR COATING 1650-3000nm			
APPROVAL	WCHENG	DEC./20th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			CAF2	2.87 g	2:1	A