



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 245 nm–400 nm
3. THICKNESS TOLERANCE: ± 0.1 mm
4. FOCAL LENGTH: $f=20.1$ mm $\pm 1\%$
5. BACK FOCAL LENGTH(REF): $bf=17.1$ mm
6. CLEAR APERTURE: $>90\%$ CA
7. SURFACE QUALITY(S/D)(S1, S2): 40/20
8. SURFACE FLATNESS(S1): $\lambda/2$ @ 632.8 nm
9. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1, S2): AR COATING $R_{avg} < 0.5\%$ @ 245 nm–400 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX20304–UV			
DRAWN	BSHU	JUL./24th/24	$\phi 12.7$ mm, $f=20.1$ mm PLANO CONVEX LENS AR COATING 245–400 nm			
APPROVAL	WCHENG	JUL./24th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	0.40 g	5:1	A