



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
4. CLEAR APERTURE:  $>90\%$ CA
5. THICKNESS TOLERANCE:  $\pm 0.1$  mm
6. FOCAL LENGTH:  $f=20.0$  mm  $\pm 1\%$
7. BACK FOCAL LENGTH(REF):  $bf=15.3$  mm
8. SURFACE QUALITY(S/D) (S1,S2) : 40/20
9. SURFACE FLATNESS (S1) :  $\lambda/2$  @ 632.8 nm
10. SURFACE POWER (S2) :  $3\lambda/2$  @ 632.8 nm
11. SURFACE IRREGULARITY (S2) :  $\lambda/4$  @ 632.8 nm
12. CENTRATION:  $<3$  arcmin
13. CHAMFER:  $<0.2$  mm,  $45^\circ$
14. COATING (S1, S2) : AR COATING  $R_{avg}<0.5\%$ @400-700 nm

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	CX10404-A			
DRAWN	BSHU	JUL./24th/24	$\phi 18$ mm, $f=20$ mm PLANO CONVEX LENS AR COATING 400-700 nm			
APPROVAL	WCHENG	JUL./24th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	2.95 g	2:1	A