



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1050-1700 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
4. THKKNES TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=50.2$  mm  $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=46.2$  mm
7. CLEAR APERTURE:  $>90\%$ CA
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 RREGULARITY(S2):  $\lambda/4 @ 632.8$  nm
12. CENTRATION:  $<3$  arcmin
13. CHAMFER:  $<0.2\text{mm}, 45^\circ$
14. AR COATNG(S1,S2):  $R_{avg}<0.5\% @ 1050-1700$  nm ( $6^\circ$  AOI, single)

DRAWING PROJECTION			<b>LBTEK</b>			
NAME	DATE					
			CX20610-C			
DRAWN	AGAO	MAY./26th/25	PLANO CONVEX LENS			
APPROVAL	SHAN	MAY./26th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	4.42g	5:1	A