



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400-1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THKKNES TOLERANCE: ±0.1 mm
5. FOCAL LENGTH:  $f=20.1 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=17.1 \text{ mm}$
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 RREGULARITY(S2):  $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION:  $<3 \text{ arcmin}$
13. CHAMFER:  $<0.2 \text{ mm}, 45^\circ$
14. AR COATNG(S1.S2):  $R_{avg} < 1\% @ 400-1100 \text{ nm}$  ( $6^\circ \text{ AOI}$ , single)

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	CX20304-AB	UVFS
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	AGAO	MAY./20th/25	PLANO CONVEX LENS			
APPROVAL	SHAN	MAY./20th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	4.12g	3:1	A