



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700-1100 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1\text{ mm}$
4. THKKNES TOLERANCE:  $\pm 0.1\text{ mm}$
5. FOCAL LENGTH:  $f=301.1\text{ mm}\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=297.4\text{ mm}$
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 COATING(S1, S2):  $R_{avg}<0.5\% @ 700-1100\text{ nm}$  ( $6^\circ\text{ AOI}$ , single)

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
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	18.66 g	2:1	A