



#### NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH:  $f=50.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=45.5 \text{ mm}$
7. CLEAR APERTURE:  $>90\%CA$
8. SURFACE QUALITY(S/D)(S1, S2): 60/40
9. SURFACE FLATNESS(S1):  $\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE POWER(S2):  $3\lambda/2 @ 632.8 \text{ nm}$
11. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION:  $<3 \text{ arcmin}$
13. CHAMFER:  $<0.2 \text{ mm}, 45^\circ$
14. COATING(S1, S2): UNCOATED

DRAWING PROJECTION				<h1 style="color: red; margin: 0;">LBTEK</h1>			
DRAWN	BSHU	DATE	Aug./19th/24	$\phi 25.4 \text{ mm}, f=50 \text{ mm}$ PLANO CONVEX CYLINDRICAL LENS UNCOATED			
APPROVAL	WCHENG	DATE	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES				N-BK7	8.11 g	2:1	E