



NOTES

1. DIAMETER TOLERANCE:  $+0/-0.2$  mm
2. THICKNESS TOLERANCE:  $\pm 0.065$  mm
3. OPERATION WAVELENGTH: 1000 nm–3000 nm
4. EXTINCTION RATIO:
  - >10000:1@1200 nm–3000 nm
  - >1000:1@1000 nm–3000 nm
5. TRANSMITTANCE(UNCOATED):
  - >77%@1000 nm–2700 nm
  - >70%@2700 nm–3000 nm
6. CLEAR APERTURE: >90%CA
7. WAVEFRONT ERROR( $\phi 10$  mm):  $<3\lambda$  @633 nm
8. SURFACE QUALITY (S/D) : 60/40
9. PARALLELISM:  $<20$  arcmin
10. ACCEPTANCE ANGLE:  $\pm 20^\circ$
11. DAMAGE THRESHOLD:
  - CONTINUOUS BLOCK: 10 W/cm<sup>2</sup>
  - CONTINUOUS PASS: 25 W/cm<sup>2</sup>
12. OPERATING TEMPERATURE:  $-50^\circ\text{C}$  TO  $+400^\circ\text{C}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	NFLP25–NIR			
DRAWN	LZHOU	MAY./14th/24	NANOPARTICLE LINEAR POLARIZER $\phi 25.0$ mm, T=0.25 mm, 1000 nm–3000 nm			
APPROVAL	WCHENG	MAY./14th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SODA LIME GLASS	0.31 g	2:1	B