



NOTES

1. DIAMETER TOLERANCE: $+0/-0.2$ mm
2. THICKNESS TOLERANCE: ± 0.05 mm
3. OPERATION WAVELENGTH: 1500 nm–5000 nm
4. EXTINCTION RATIO:
 - >10000:1@2000 nm–4500 nm
 - >1000:1@1500 nm–5000 nm
5. TRANSMITTANCE(UNCOATED):
 - >65% UP TO 90%@2000 nm–4500 nm
 - >35% UP TO 90%@1500 nm–5000 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/cm²
 - CONTINUOUS PASS: 25 W/cm²
12. OPERATING TEMPERATURE: -50° C TO $+400^\circ$ C

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	MAY./14th/24	NANOPARTICLE LINEAR POLARIZER $\phi 25.0$ mm, T=0.20 mm, 1500 nm–5000 nm			
APPROVAL	WCHENG	MAY./14th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SODA LIME GLASS	0.25 g	2:1	B