



NOTES

1. DIAMETER TOLERANCE: $+0/-0.2$ mm
2. THICKNESS TOLERANCE: ± 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%OA
7. WAVEFRONT ERROR(ϕ 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	Aug./5th/24	NANOPARTICLE LINEAR POLARIZER ϕ 12.5 mm x 2.0 mm, 1000 nm–3000 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SILVER NANOPARTICLES & SODA LIME GLASS	0.31 g	4:1	A