



NOTES

1. DIAMETER TOLERANCE: $+0/-0.2$ mm
2. THICKNESS TOLERANCE: ± 0.2 mm
3. OPERATION WAVELENGTH: 550 nm–1500 nm
4. EXTINCTION RATIO:
 - >100000:1@600 nm–1200 nm
 - >10000:1@550 nm–1500 nm
5. TRANSMITTANCE(UNCOATED):
 - >57% UP TO 85%@550 nm–1500 nm
6. CLEAR APERTURE: >90%CA
7. WAVEFRONT ERROR($\varnothing 10$ mm): $< \lambda/4@633$ nm
8. SURFACE QUALITY(S/D): 40/20
9. PARALLELISM: < 1 arcmin
10. ACCEPTANCE ANGLE: $\pm 20^\circ$
11. DAMAGE THRESHOLD:
 - CONTINUOUS BLOCK: 1 W/cm²
 - CONTINUOUS PASS: 5 W/cm²
12. OPERATING TEMPERATURE: -20° C TO $+120^\circ$ C

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	Aug./5th/24	NANOPARTICLE LINEAR POLARIZER $\varnothing 12.5$ mm \times 2.0 mm, 550 nm–1500 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SILVER NANOPARTICLES & SODA LIME GLASS	0.63 g	4:1	A