



NOTES

1. DIAMETER TOLERANCE: +0/-0.2 mm
2. THICKNESS TOLERANCE: ±0.2 mm
3. OPERATION WAVELENGTH: 365 nm-395 nm
4. EXTINCTION RATIO:
  - >100000:1@372 nm-388 nm
  - >10000:1@369 nm-390 nm
  - >1000:1@365 nm-395 nm
5. TRANSMITTANCE(UNCOATED):
  - >51% UP TO 59%@365 nm-395 nm
6. CLEAR APERTURE: >90%CA
7. WAVEFRONT ERROR(∅ 10 mm): <λ/4@633 nm
8. SURFACE QUALITY(S/D): 40/20
9. PARALLELISM: <1 arcmin
10. ACCEPTANCE ANGLE: ±20°
11. DAMAGE THRESHOLD:
  - CONTINUOUS BLOCK: 1 W/cm<sup>2</sup>
  - CONTINUOUS PASS: 5 W/cm<sup>2</sup>
12. OPERATING TEMPERATURE: -20° C TO +120 ° C

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	JUL./30th/24	NANOPARTICLE LINEAR POLARIZER ∅ 12.5 mm x 2.0 mm, 365 nm-395 nm			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SILVER NANOPARTICLES & SODA LIME GLASS	0.63 g	4:1	A