



NOTES

1. DIAMETER TOLERANCE:  $+0/-0.2$  mm
2. THICKNESS TOLERANCE:  $\pm 0.2$  mm
3. OPERATION WAVELENGTH: 480 nm–550 nm
4. EXTINCTION RATIO:  
 $>10000:1@480$  nm–550 nm
5. CLEAR APERTURE:  $>90\%$ CA
6. WAVEFRONT ERROR(RMS):  $<4\lambda @633$  nm
7. SURFACE QUALITY(S/D): 40/20
8. PARALLELISM:  $<1$  arcmin
9. ACCEPTANCE ANGLE:  $\pm 20^\circ$
10. DAMAGE THRESHOLD:  
 CONTINUOUS BLOCK: 1 W/cm<sup>2</sup>  
 CONTINUOUS PASS: 5 W/cm<sup>2</sup>
11. OPERATING TEMPERATURE:  $-20^\circ$  C TO  $+120^\circ$  C

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	NFLP25–VIS500			
DRAWN	LZHOU	Aug./5th/24	NANOPARTICLE LINEAR POLARIZER $\phi 12.5$ mm $\times$ 2.0 mm, 480 nm–550 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SILVER NANOPARTICLES & SODA LIME GLASS	2.51 g	2:1	B