



NOTES

1. OPERATION WAVELENGTH: 350 nm–1100 nm
2. OPTICAL DENSITY(OD):  $0.5 \pm 0.03 @ 635 \text{ nm}$   
 $0.5 \pm 0.1 @ 350 \text{ nm} - 1100 \text{ nm}$
3. CLEAR APERTURE:  $>90\% \text{ CA}$
4. DIAMETER TOLERANCE:  $+0.00 / -0.25 \text{ mm}$
5. THICKNESS TOLERANCE:  $\pm 0.3 \text{ mm}$
6. SURFACE QUALITY(S1, S2): 40/20(S/D)
7. SURFACE FLATNESS(S1, S2):  $\lambda / 2 @ 632.8 \text{ nm}$
8. PARALLELISM(S1, S2):  $<30 \text{ arcsec}$
9. CHAMFER:  $<0.2 \text{ mm}, 45^\circ$
10. COATING(S1): NiCrFe
11. OTHER SURFACES: FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	APR./1st/24	REFLECTIVE ND FILTER $\varnothing 12.7 \text{ mm}, \text{OD}=0.5, \text{NiCrFe}; 350 \text{ nm} - 1100 \text{ nm}$			
APPROVAL	WCHENG	APR./1st/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	0.63 g	4:1	A