



NOTES

1. OPERATION WAVELENGTH: 700 nm–1100 nm
2. OPTICAL DENSITY:  $0.4 \pm 0.02 @ 850 \text{ nm}$
3. CLEAR APERTURE:  $>90\% \text{ CA}$
4. DIAMETER TOLERANCE:  $+0.00 / -0.25 \text{ mm}$
5. SURFACE QUALITY(S1,S2): 40/20(S/D)
6. SURFACE FLATNESS(S1,S2):  $\lambda / 4 @ 632.8 \text{ nm}$
7. PARALLELISM(S1,S2):  $<10 \text{ arcsec}$
8. CHAMFER:  $<0.2 \text{ mm}, 45^\circ$
9. COATING(S1): AR COATING,  $R_{\text{avg}} < 0.5\% @ 700 \text{ nm} - 1100 \text{ nm}$ ,  $6^\circ \text{ AOI}$
10. OTHER SURFACES: FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	MAY./30th/24	ABSORPTIVE NEUTRAL DENSITY FILTER $\phi 25.4 \text{ mm}, \text{OD}=0.4, \text{AR}: 700 \text{ nm} - 1100 \text{ nm}$			
APPROVAL	WCHENG	MAY./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			ND Filter Glass	3.3 g	2:1	B