



NOTES

1. OPERATION WAVELENGTH: 700 nm–1100 nm
2. OPTICAL DENSITY:  $0.1 \pm 0.005@850$  nm
3. CLEAR APERTURE:  $>90\%$ CA
4. DIAMETER TOLERANCE:  $+0.00/-0.25$  mm
5. SURFACE QUALITY(S1,S2): 40/20(S/D)
6. SURFACE FLATNESS(S1,S2):  $\lambda/4@632.8$  nm
7. PARALLELISM(S1,S2):  $<10$  arcsec
8. CHAMFER:  $<0.2$  mm,  $45^\circ$
9. COATING(S1): AR COATING,  $R_{\text{avg}} < 0.5\%@700$  nm–1100 nm,  $6^\circ$  AOI
10. OTHER SURFACES: FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	MAY./30th/24	ABSORPTIVE NEUTRAL DENSITY FILTER $\phi 25.4$ mm, OD=0.1, AR: 700 nm–1100 nm			
APPROVAL	WCHENG	MAY./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			ND Filter Glass	1.9 g	2:1	B