



NOTES

1. OPERATION WAVELENGTH: 1100 nm–1700 nm
2. OPTICAL DENSITY:  $0.1 \pm 0.005@1300$  nm
3. CLEAR APERTURE:  $>90\%CA$
4. DIAMETER TOLERANCE:  $+0.00/-0.25$  mm
5. SURFACE QUALITY(S1,S2): 60/40(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,  $R_{avg} < 0.5\%@1100$  nm–1700 nm,  $6^\circ$  AOI
10. OTHER SURFACES: FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	JUN./19th/24	ABSORPTIVE NEUTRAL DENSITY FILTER $\phi 25.4$ mm, OD=0.1, AR: 1100 nm–1700 nm			
APPROVAL	WCHENG	JUN./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			ND Filter Glass	2.0 g	2:1	B